

E-Smart Ultra+

Client Installation

User Manual

Passtech Co., Ltd.

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We have our development center in South Korea to provide technical support. For any technical assistance can contact our technical support team as below;

Tel.: +82 31-743-7277

E-mail: passtech@esmartlock.com



Revision History

- November 10, 2017 (ver. 1.0): First
- November 2, 2018 (ver. 1.1): Released English version
- November 7, 2018 (ver. 1.2): Added 'Pre-Assigned' function
- June 27, 2019 (ver. 1.4): Added Server Program part
- October 24, 2019 (ver. 1.5): Reflected ver. 2.0.0.0 modified
- February 4, 2020 (ver. 1.6): Reflected ver. 2.0.0.4 modified
- February 12, 2020 (ver. 1.7): Added 'Smart Code' function
- March 30, 2020 (ver. 1.8): Released ver. 3.0.0.0.
- May 27, 2020 (ver. 1.9): Reflected ver. 3.0.0.1 modified
- July 14, 2020 (ver. 2.0): Reflected ver. 3.0.0.3
- September 22, 2020 (ver. 2.1): vc_redist 2019 installation and CSN mode manual
- September 25, 2020 (ver. 2.2): CSN config setting update and revised.
- October 19, 2020 (ver. 2.3): Config setting details revised.
- November 12, 2020 (ver. 2.4): AP hardware setting added.



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1. System Specifications and Preparation

1) System Specifications

	System Requirement
OS	Windows 7, 8, 10 32bit/64bit
CPU	Intel(R) Core (TM) i5 or higher
RAM	8.00GB or higher

2) Preparation

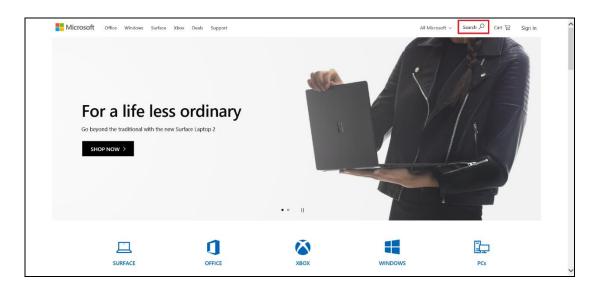
(1) Download and install '.NET Framework' (version 4.6 or higher)

① Click 'DotNet_tools driver' download link from the software installation manual provided,



or click the link below and search '.NET Framework' to download.

https://www.microsoft.com/en-us

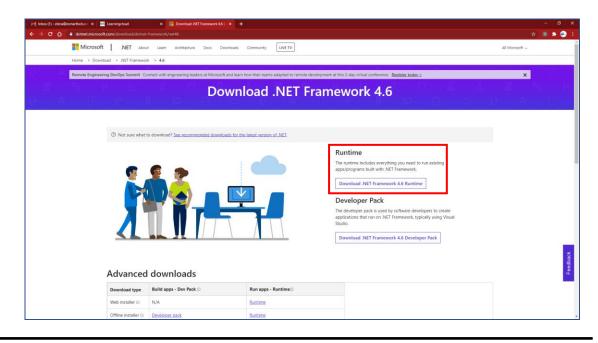




Client Installation User Manual

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	.net framework 4.0	a			1-1	
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Download Microsoft .NET Fram https://www.microsoft.com/en-us/downlo The Microsoft .NET Framework 4.6.1 is a hi		osoft .NET Framework 4.5, Microsoft .NET F		
Announcing .NET Framework 4. https://devblogs.microsoft.com/dotnet/ar The .NET Framework 4.6 supports the new		previous versions of Windows, there was an		
The NET Framework 4.6.1 offlin	a installer for Windows			Questions? Talk to an expert

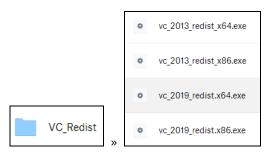




(2) Download and install 'Microsoft Redistributable VCREDIST'

 Click all 'vc_2013_redist_x64', 'vc_2013_redist_x86', 'vc_2019_redist.x64', vc_2019_redist_x86' download links below,

https://www.dropbox.com/sh/jfhj2si9vym4h2m/AABQUhgL61JrlN6tc7HmOoHPa?dl=0



or click the link below and download 'Visual C++ Redistributable Packages for Visual Studio 2013' and 'Visual C++ 2019'

https://www.microsoft.com/en-us/download/details.aspx?id=40784 - vc redist 2013

Visual C++ Red	stributable Pack	ages for Visual S	Studio 2013				
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https://support.microsoft.com/en-us/help/2977003/the-latest-supported-visual-c-downloads

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Su	ummary				
	is article lists the download links for the latest versions of Microsoft Visual C++.				
Vi	isual Studio 2015, 2017 and 2019				
	ownload the Microsoft Visual C++ Redistributable for Visual Studio 2015, 2017 and 2019. The following updates are the latest supported Visual distributable packages for Visual Studio 2015, 2017 and 2019. Included is a baseline version of the Universal C Runtime see MSDN for details.	2++			
	× x86: vc_redistx86.exe × x64: vc_redistx64.exe				
	ARM64: vc_redist.arm64.exe				
No	ote Visual C++ 2015, 2017 and 2019 all share the same redistributable files.				
	r example, installing the Visual C++ 2019 redistributable will affect programs built with Visual C++ 2015 and 2017 also. However, installing the V 15 redistributable will not replace the newer versions of the files installed by the Visual C++ 2017 and 2019 redistributables.	/isual C++			

- vc redist 2019(this contains 2015, 2017, 2019)



② Remember that you must download both x64 and x86 for both 2013 and 2019.

Choose the download you want	Size	
vcredist_arm.exe		vnload Summary: BGB
vcredist_x64.exe	6.9 MB 2. vcr	redist_x64.exe redist_x86.exe
vcredist_x86.exe	6.2 MB	
	Total	Size: 13.1 MB

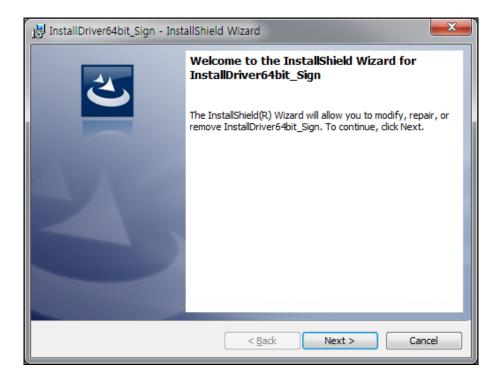
(3) Install DE-620 device driver

- ① Click 'DE620(Card reader) driver' download link from the installation manual provided.
- ② Install a 32bit driver or 64bit driver according to the specifications of your computer and Window OS.

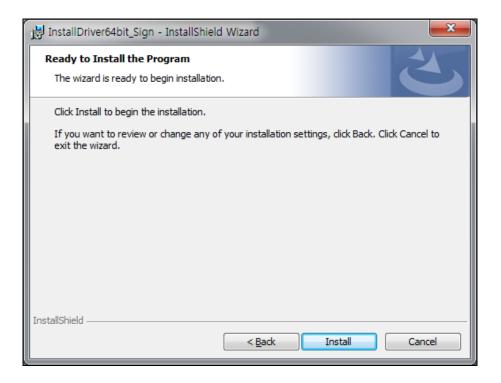




③ Click 'Next' to continue the installation.

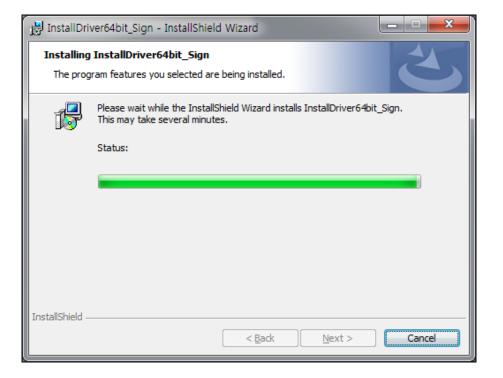


④ Click 'Install' to begin the installation.





5 Wait while the driver is installed.

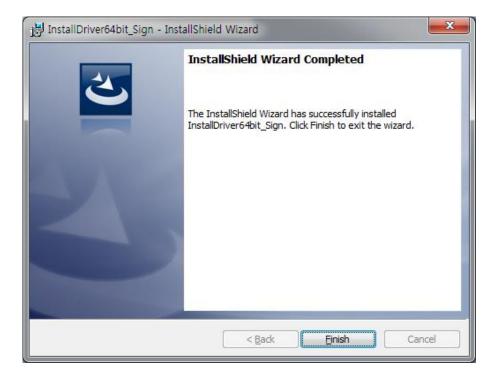


6 Click 'OK' to complete the installation.

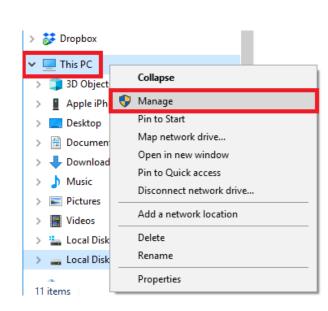


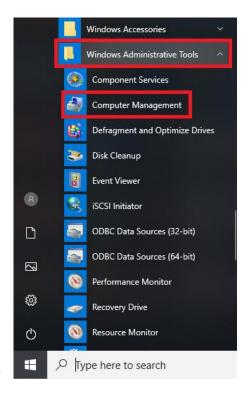


⑦ Click 'Finish' to close the window.



(8) Open 'Computer Management' through 'This PC' or 'Start menu'.

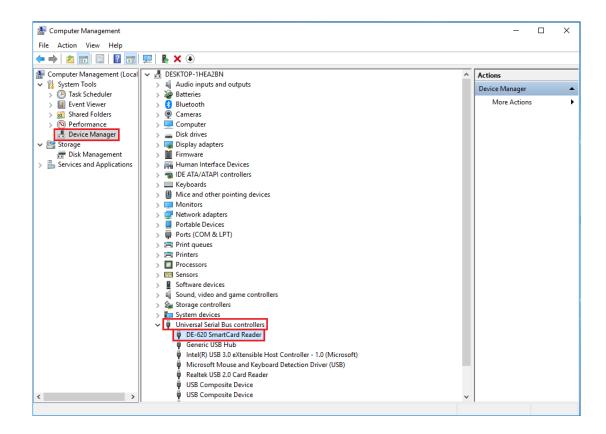




or



Select 'Device Manager' – 'Universal Serial Bus Controller', and check if you have 'DE-620 SmartCard Reader' or 'DE-620L SmartCard Reader'.



(4) Download 'MSSQL 2014 Express' database

- Click the link below to download the manual of downloading server DB. <u>https://www.dropbox.com/s/kxic4qtqe3uged6/Passtech_Locker_Server_DB_Manual_V1.1_eng_</u> 190628.pdf?dl=0
- 2 'DB table' must be prepared. You can download it through the software installation manual.



(5) Pre-setting for AP(Hardware)

- ① Turn the AP200 to see the backside of it before installing it on the wall or ceiling.
- 2 There are switches you can turn on or off. You will only control the number 1 dip switch.
- ③ Locker locks are always on for number 1 dip switch. The rest of them should be off.
 (See below picture figure 1)



(Figure 1. Locker lock AP setting)



2. Ultra+ Server & Client Installation and Configuration Settings

1) Server Installation

① Click the program download link from the software installation manual provided, and download 'NEW_ULTRA_Server2.0' to install it.

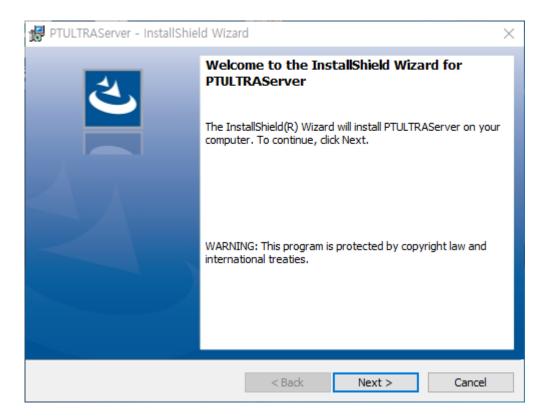
E-Smart Ultra+ (STD)	NEW_ULTRA_Server2.0_Setup_V610Win7_WIN10_20200130_1910.exe
----------------------	--

② Click Setup file to install it.

PTULTRAServer - InstallShield Wizard		
4	Preparing to Install	
	PTULTRAServer Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.	
	Extracting: PTULTRAServer.msi	
	Cancel	



③ Keep clicking 'Next' button to continue the installation.



🔀 PTULTRAServer - InstallShield Wizard	×			
License Agreement Please read the following license agreement carefully.	と			
To add your own license text to this dialog, specify your license agree editor.	ment file in the Dialog			
 Navigate to the User Interface view. Select the LicenseAgreement dialog. Choose to edit the dialog layout. Once in the Dialog editor, select the Memo ScrollableText control. Set FileName to the name of your license agreement RTF file. 				
After you build your release, your license text will be displayed in the I	icense Agreement dialog.			
● I accept the terms in the license agreement	Print			
\bigcirc I do not accept the terms in the license agreement				
InstallShield				
< Back Nex	ct > Cancel			



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🛱 PTULTRAServer - InstallShield Wizar	ď		×
Customer Information			4
Please enter your information.			
User Name:			
Pssstech			
Organization:			
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InstallShield			
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④ Click 'Install' button to proceed.

PTULTRAServer - InstallShield Wizard	×
Ready to Install the Program	
The wizard is ready to begin installation.	
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.	
Current Settings:	
Setup Type:	
Typical	
Destination Folder:	
C:₩Users₩jimmy₩Documents₩PTULTRAServer₩	
User Information:	
Name: Pssstech	
Company:	
InstallShield	
< Back Sack Cancel	

(5) Click 'Finish' button to complete the installation.

🔀 PTULTRAServer - InstallShiel	d Wizard	Х
	InstallShield Wizard Completed The InstallShield Wizard has successfully installed PTULTRAServer. Click Finish to exit the wizard.	
	< Back Finish Cancel	



2) Client Installation

 Click the program download link from the software installation manual provided, and download 'OnlineClient' to install it.

Select one between Standard version and PIN version depending on your operation scenario.

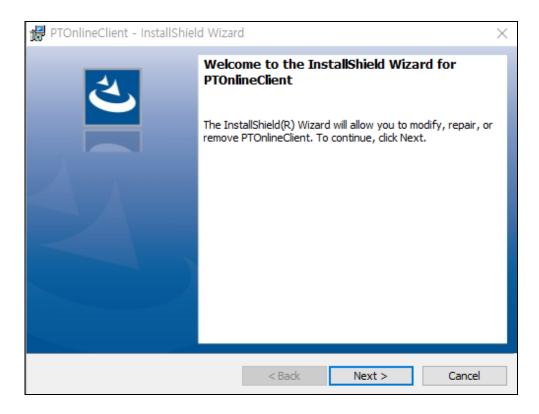
E-Smart Ultra+ (STD)	>>	NEW_ULTRA_OnlineClient_PRO_STD20200131_1430(STD_DesFire).exe
----------------------	----	--

② Click Setup file to install it.

PTOnlineClient - InstallShield Wizard		
4.	Preparing to Install	
	PTOnlineClient Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.	
	Configuring Windows Installer	
	Cancel	



③ Keep clicking 'Next' button to continue the installation.



🕼 PTOnlineClient - InstallShield Wizard	×
License Agreement Please read the following license agreement carefully.	と
To add your own license text to this dialog, specify your license agreement file in the editor.	Dialog
 Navigate to the User Interface view. Select the LicenseAgreement dialog. Choose to edit the dialog layout. Once in the Dialog editor, select the Memo ScrollableText control. Set FileName to the name of your license agreement RTF file. 	
After you build your release, your license text will be displayed in the License Agreem	ent dialog.
I accept the terms in the license agreement	Print
○ I do not accept the terms in the license agreement	
InstallShield	
< Back Next >	Cancel



🖟 PTOnlineClient - InstallShield Wizard			×
Customer Information			4
Please enter your information.			S
<u>U</u> ser Name:			
Passtech			
Organization:			
ļ			
InstallShield			
ar su sumur muful	< Back	Next >	Cancel

🛃 PTOnlin	eClient - InstallShield Wizard X
	ion Folder xt to install to this folder, or click Change to install to a different folder.
Þ	Install PTOnlineClient to: C:₩Users₩jimmy₩Documents₩ULTRAOnlineClient₩ Change
InstallShield -	
and the terror	< Back Next > Cancel



④ Click 'Install' button to proceed.

PTOnlineClient - InstallShield Wizard	×
Ready to Install the Program	
The wizard is ready to begin installation.	
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.	
Current Settings:	
Setup Type:	
Typical	
Destination Folder:	
C:₩Users₩jimmy₩Documents₩ULTRAOnlineClient₩	
User Information:	
Name: Passtech	
Company:	
InstallShield	_
< Back Sack Cancel	

(5) Click 'Finish' to complete the installation.

PTOnlineClient - InstallShiel	d Wizard	Х
	InstallShield Wizard Completed The InstallShield Wizard has successfully installed PTOnlineClient. Click Finish to exit the wizard.	
	< Back Finish Cancel	



3) Server Configuration Setting

① Run 'ConfigSetting.exe' from the downloaded folder of server program.

ConfigSetting(yyyy)	MMddHHmmss)-V1.0.1.5			
DB Driver	SQL Server	Connect Test	System Option	
DB Connect String	192.168.0.0,1433		Weekly MSSQL reset or no	ot.
Login ID	sa	Database Name	Week Re	eset Time
Login Password	•••••	LOCKER_DB	O Mon 3	\sim
Status Backu-dat .ock Group Type O Display Numeric	ta DB Set Time(Sec)	O Display Floor(0~99)	OWed ⊻YY OThu OFri	YY/MM/DD
Whether backup sta	atus is applied. (Apply OLD Pr	otocol) mer ID 010	O Sat O Everyday	
ow-Battery Value(%) Naster Card 2 Option(Fr Open with MC2 and		al IP 192 . 168 . 0 . 16 red for a certain time. Minute : 2	Standard Mode / CSN Mode C Apply CSN Mode Multi Lock Max Count	Dption 1
☐ If Locker Mode is As	sign, Clear Lock No. in Memb	er when clearing only in MC1.	Smart-Assign Clearring time(N	
			Re-Start SQL Service name	
			SQL Server (SQLEXPRESS)	

② Set DB Connect String, Login ID and Login Password to connect to MSSQL DB.

DB Driver	SQL Server		Connect Test
DB Connect String	192.168.0.52,1433		
Login ID	sa		Database Name
Login Password	•••••	LOCKER	R_DB
Status Backu-data	a DB Set Time(Sec)	60	

Refer to the example below.



- DB Connect String:

MSSQL DB PC IP,	DB Connect Port
1	2

- ① MSSQL DB PC IP: 192.168.0.24
- ② DB Connect Port: 1433
- DB Connect ID: sa
- DB Connect PWD: passtech
 (Password which you put when installing DB: passtech (Password is fixed))
- ③ Click 'Connect Test' button to check if DB Connection is okay.
- ④ This option will be used if the AP protocol is old. (***If you are using version 5 lock, you will set old protocol in AP account tab of Client program. This will be only used for those users. If the lock version is version 7 or more, it won't be applied***) It is asking for how often (default: every 60 seconds) you will get the lock backup status data from AP and update it to DB.

Chatter Daday data DD Cat Taxa(Cas)	6
Status Backu-data DB Set Time(Sec)	

Select how to show group(floor) account
 Display Numeric, Display (0, A~Z) or Display Floor (0~99)

Lock Group Type O Display Numeric	O Display (0, A~Z)	Display Floor(0~99)	1

6 Check if you are using number ④ Status Backup-data DB set time. (If not checked, number ④ won't work)

Whether backup status is applied. (Apply OLD Protocol)

Set Vendor/Customer ID and Local IP. Vendor/Customer ID is Key Card number which you generated from LKS for setting lock and Client program, and Local IP is your Server PC IP.
 Low-Battery Value(%) should be more than 30%(default)

Vendor ID	003	Customer ID	010
Low-Battery Value(%)	30	Local IP	192.168.0.16



When opened the locker using Master card 2, if the locker is not used with user card for set time, locker will be available for another user. (Clear user data) <u>Not recommended for STD mode</u>

Master Card 2 Option(Free Mode Lock)		
Open with MC2 and change to available if not used for a certain time.	Minute :	2

 When locker is Assigned mode, if this option is checked, user data will be cleared(removed) in the lock with Master card 1.

Recommended option for STD mode (Default)

Whether you want to reboot SQL DB server once in a while (maximum a week) or not. <u>This option can be used if the server computer is running 24/7. But under normal circumstances,</u> it is not recommended.

System Option	
Weekly MSSQL r	eset or not.
Week Sun Mon Tue Wed Thu Fri Sat Everyday	Reset Time

(1) If you are using CSN mode, check this.

If you are using CSN mode with online whitelist, by using Multi Lock Max Count, you can limit the number of locks that is used by 1 card.

(Default: CSN mode will allow unlimited numbers of locks with 1 card)

Standard Mode / CSN Mode	Option
Apply CSN Mode	
Multi Lock Max Count	1



① On a Smart-Assigned mode, when a user changes his/her locker(for example, from A to B), for set time, his/her previous locker(Locker A) will be available with his/her card. You can set the time.

5	MAX Value(1440)
---	-----------------

 Related to number (10). Has to put default SQL service name on your computer. Not recommended to change this.

Re-Start SQL Service name	
SQL Server (SQLEXPRESS)]

**You can set values depending on your operation scenario, but do not change them unless you have special reason.

(#) Click 'OK' button to save.

ConfigSetting $ imes$	ConfigSetting X
? Do you want save?	Data storage OK!!!
Yes No	ОК



(B) Server Program must be activated after finishing AP account registration in Client program. When you set AP account, if you check 'Apply to a server program' checkbox, the registered AP information will automatically appear on Server program list.

	rver Name Server 1	Server IP 192.168.0.52	Port No.		AP Channel List											
1 :	Server 1	192, 168, 0, 52		Index	AP Name	AP IP	Channel ID	BD No.	Group ID	S-Lock	E-Lock	Sverver IP	Sverver Port	Status	AP Comm Ver	FW Ver
			2274	- 1 - 1	AP1	192.168.0.189	18	1	0004	1	50	192.168.0.52	2274	1	0001	V2.7.3
				_												
id IP/Port	Delete IP/Port			Add IP/Port	Delete IP/Port								,	Show Syst		
-														_ SHOW SYST	emilog	

16 Check AP connection status to know whether it communicates well with server program.

Item	Description
	Connected
	Disconnected
	Check if AP information in AP Setting and Client program are same,
	and AP cable is connected well
	Not Connected
lean blinks	Check if you read Key Card on Client, and put the Key number in
Icon blinks	Server configuration setting correctly





4) Client MSSQL DB Connection Setting

- ① Run 'PTOnlineClient' program from the download folder.
- ② License Authorization window will appear. Send the locking code to Passtech to get the license code for the software.

License Authorization		×
Device Name :	Realtek PCIe GBE Family Controller	•
Locking Code :	630D6FAD-A906-4E36-B687-B6E4E9E73E23-988389400186-2635DFB1	
Software mode :	ULTRA_CLIENT	
Valid TIme :	30 - day	
License Code :		
	Activate Now	

③ After you copy and paste the license key into the window, Client login window will appear.

Login-PRO 2.0-R-20200702 ×
v3,0,0,3-PRO 2,0-R-20200702
ULTRA admin
Professional
ID I
Password
Language English 🗸
Login Close
Alt + F1 : Configuration Setup
Copyright @ 2019~



If SQL DB is not connected, Configuration window will appear.
 You can also open this window pressing 'Alt + F1'.

аў.			×			
ØB Connect String 192, 168, 0, 52, 1433 DB Connect ID sa DB Connect PWD	>	Card Issuance Subsection State State State State State State State State State State State State State	Do not change Desfire M-Key Do not change Desfire permission Use Fixed Key (Desfire) Default Root Key (Desfire, HEXString) 0000000000000000000000 Create APP-ID(HEXString 6) 000001 Default Desfire Master Key AES128 Key Card Type 01			
Layout/Control Tab All Building Display user name Building (from ~ to) 1 3 Warning Event Tat Alarm Sound File Warning 1, wav Alarm On/Off Free Mode Type Standard Free Mode Assign Mode Type Standard Assign Mode	Q0	Login Title Image Login TitleImage.png Main Back Image BackImage.png Main Title Image TitleBarCompany.png Screen Size(W/H) 1480 900				

(5) Set DB Connect String, DB Connect ID and PWD to connect to MSSQL DB.

DB Connect String	192, 168, 0, 52, 1433	
DB Connect ID	sa	Connect Test
DB Connect PWD	*****	Connect rest

Refer to the example below.

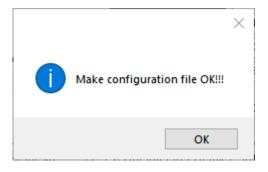
- DB Connect String: MSSQL DB PC IP, DB Connect Port Example) 192.168.0.52, 1433
 - ① MSSQL DB PC IP: 192.168.0.52
 - ② DB Connect Port: 1433
- DB Connect ID: sa
- DB Connect PWD: passtech
 (Password which you put when installing DB: passtech (Password is fixed))



6 Click 'Connect Test' button to check if DB Connection is okay.



- ⑦ You can leave other setting options just the way they are if you don't have any special reason.
- (8) Click 'Make configuration file' to save the change.



17 You can set other values depending on your operation scenario, but do not change them unless you have special reason.

Item	Description			
Language	Choose a language file you would like to use. You can add or delete them.			
Maximum Year	Default maximum year for card issuance			
Default Lock No.	Set as '9999' (if you want to limit lock number, you can			
	change this)			
Send user info, after card	On/Off (sending user info to Locks) – Assign mode			
issue	Automatically change user card info on locks.			
Layout/Control Tab	Layout control			
Alarm Sound File	Client Alarm Sound			
Free Mode Type	Standard Free Mode/Multi-Lock per group			
Assign Mode Type	Standard Assign Mode/Assign After Mastercard 1/Assign			
Assign Mode Type	based on Lock No./Assign based on Card No.			
Card Issuance	Issue STD Mode Card/Issue CSN Mode Card (Check it when			
	CSN mode is set for locks)			



Date type	Set date type
Logo	Logo that shows on the client program (Default PASSTECH)
View Icon	Icon setting(can change icons)
Login/Main	Login and Main page Image
Screen Size	Shows default screen size(1300*900)
Display Group	Select how to show group(floor) account
	Display Numeric(00~99), Group (0, A~Z) or Floor (0~99)
Do not change Desfire M-key	Asking whether you would like to change Desfire Master key
Do not change Desire M-key	to Passtech Key. Recommend not changing it.
Do not change Desfire	Asking if AID and File Permission of Desfire card PT
permission	AID(000001) can be changed. Recommend not changing it.
	Asking whether the key(that creates Desfire Card AID(000001)
Use Fixed Key (Desfire)	and access to it) should be Variable Key or Fixed Key.
	Recommended Variable Key.
Default Root Key (Desfire, HEXString)	Put a desfire root key in order to use DESFire function
Create ADD ID/IJEV(tring ()	AID number for the Desfire card(Default passtech AID is
Create APP-ID(HEXString 6)	000001
Default Desfire Master Key	Setting security method of Desfire Master Key to AES128.
Key Card Type	01 : Default must be 01.



3. Login and Main Screen

1) Login Screen

Login allows each user to use the program with authorized contents, and ID/Password is set to 'adminpasstechttd' / 'PassTech' by default when installed at first.



1	Client program version
2	Login ID
3	Login password
(4)	Display language
5	Login button
6	Close button
$\overline{\mathcal{O}}$	Configuration (Alt + F1)

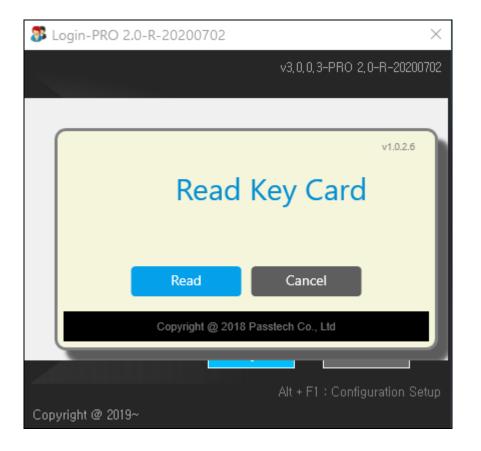


(1) Connect SQL DB

In the program, SQL DB must be connected by default to login (Refer to 2.3). If DB is not connected, press Alt + F1 shortcut key to open Configuration window and enter DB Connect value.

(2) Read Key Card

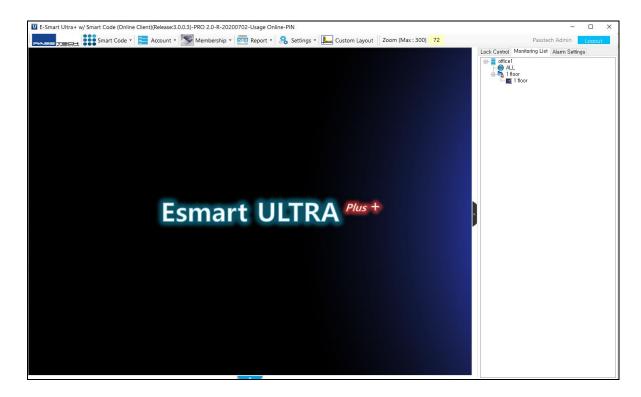
In order to issue various cards in Client program, Key Card must be stored in the DB. Press shortcut key (Alt + F5) on login screen to read Key Card.



If you have installed the program for the first time, you must read Key Card issued from LKS by DE620 Card Reader in order to use the Client program.



2) Main Screen



When you log in, the main screen above appears. The functions are as follows.

Function	Description
Monitoring	Enable to arrange in cascades, horizontal, and vertical
Account	Various accounts management and setting task
Membership	Issue User Card and System Cards, and Import/Export DB
Report	Card issue report, Audit Trail report, Lock Info report, and Lock usage report
Settings	Configuration, Lock setting value and user information change, and DB backup
Custom Layout	Enable to customize the layout of lock monitoring
Lock Control	Check the information of selected lock and control online lock
Monitoring List	Monitoring list of whole level or each level
Alarm Settings	Alarm On/Off and sound setting



4. Account

1) Menu List

U E-Smart Ultra+ w/ Smart Code (Online Client))(Release:3.0.0.3)-PRO 2.0-R-20200702-Usage Online-PIN
Smart Code -	Account 🛛 🚫 Membership 🔹 👼 Report 🔹 🤽 Settings
I	lssuer
	Building
	Group
	Lock
AP	AP
E C	Staff
	Lock Status
1	Membership Level
	Blacklist
	Esmart ULTF

2) Main Item Description

Button	Description
Add	Button to add input value (SAVE function)
New	Reset button to enter new information
🧊 Update	Button for modifying information
Save	Button for saving entered information
Delete	Button to delete specific data of stored information
Import	Button to import .CSV file



3) Account Management

(1) Issuer

A menu for managing Issuers. Issuer ID must be the Vendor and Customer ID which you input into Key Card. If the Issuer ID is different with Key Card number which you read before you log in, the program will not be working well.

You can also register Partners, but same Key with main issuer must be used for other affiliates in order to make them be able to use the account.

🔤 Issuer Account				×
ID :	001001			
Name :	Passtech			
Address :				
Contact :				
Type :	Main	🔿 Partne	r	
		Add Delete		
	Name	Address		Co
🗹 001001 Passtech				
<				>

① Input the following items.

ltem	Description				
ID	Numeric 6 Digit, the value must be same as Key Card, MUST INPUT				
Name	Company name				
Address	Company address				
Contact Company contract					
TypeOnly 1 Main is available if you distinguish Main and partner					

② Click 'Add' button to save the issuer account.



(2) Building

A menu for managing buildings. You can create different building accounts in case you have several seperate buildings to manage.

🐝 Building Account	-	×
No.: 1 Name: E-Smart Lock		
No. Name		
✓ 1 E-Smart Lock		

- ① Click 'New' button to enter new information.
- ② Input the following items and click 'Save' button to save the entered information.

ltem	Description					
No.	Input building number same as you set locks by Setup Card via LKS					
Name	Input a name of the building					

- ③ If you want to update the information, select the building account from the list and click 'Update' button to activate the building name box. Input the updated building name and click 'Save' button to update the selected building account.
- If you want to delete the information, select the building account from the list and click
 'Delete' button to delete the selected building account.



(3) Group

A menu for manaing groups(floors). Group(Floor) shown on monitoring list can be registered and managed in here. You can also select the layout for each floor.

🞁 Group Account		- 0	×
	No. Name	Building 1 0001 Group All (9999) Group 1 B1Group 1_Layout, ptd Image: Delete	
Building 1 Building 1	No 0001 0002 0003 0004 0005 0006 0007 0008 0009 0010	Group 1 12 Group 2 13 Group 3 14 Group 4 15 Group 5 16 Group 6 17 Group 7 18 Group 8 19 Group 9	

- 1 Click 'New' button to enter new information.
- ② Input the following items and click 'Save' button to save the entered information.

ltem	Description				
Building	Select building account				
Croup No	Input group(floor) number (Must be 4-digits)				
Group No.	Check 'Group All (9999)' checkbox for whole group monitoring				
Group Name	ne Input group(floor) name				
	You can create your own layout file by 'Custom Layout' (Refer				
	to 9) and select it by clicking 📃 to use				
Layout File	Or leave the box blank if you want to use standard layout				
	(Standard layout will be added if you click 'Layout Creation'				
	when you create lock account (Refer to 4.3.4))				



*Layout file must be saved in 'Layout' folder in Client folder. Standard layout created in lock account is also saved here. You can edit the layout if you want.

→ • ↑ 📙 « NEV	W_ULTRA_OnlineClien	t_PRO_STD_PIN_Setup_V3000_Building_I	Release_2020032 > Layout	~ Ū	Search Layout
rganize 🔻 New folde	r				
송은비	* ^	Name	Date modified	^	
🚽 공유폴더	*	B1Group1_Layout.ptd	3/27/2020 5:51 PM		
OneDrive		B1Group2_Layout.ptd	3/27/2020 5:51 PM		
		B1Group3_Layout.ptd	2/18/2020 5:46 PM		
This PC		B1Group4_Layout.ptd	2/18/2020 5:46 PM		
🧊 3D Objects		B1Group5_Layout.ptd	2/18/2020 5:46 PM		
Desktop		B1Group6_Layout.ptd	2/18/2020 5:46 PM		
Documents		B1Group7_Layout.ptd	2/18/2020 5:46 PM		No preview available.
Downloads		B1Group8_Layout.ptd	2/18/2020 5:47 PM		ino preview available.
Music		B1Group9_Layout.ptd	2/18/2020 5:47 PM		
Pictures		B1Group10_Layout.ptd	2/18/2020 5:47 PM		
Videos		B1Group11_Layout.ptd	2/18/2020 5:47 PM		
		B1Group12_Layout.ptd	2/18/2020 5:47 PM		
Local Disk (C:)		B1Group13_Layout.ptd	2/18/2020 5:47 PM		
🛖 Local Disk (D:)		B1Group14_Layout.ptd	2/18/2020 5:48 PM		
Network	v -	B1Group15_Layout.ptd	2/18/2020 5:48 PM	Ŧ	
	me: B1Group1_Layo			~	Draw files(*.ptd)

- ③ If you want to update information, select a group account from the list and click 'Update' button to activate the input boxes. Input the updated information and click 'Save' button to update the group account information.
- ④ If you want to delete, select a group account from the list and click 'Delete' button to delete the group account.



(4) Lock

A menu for managing locks. You can register and manage locks for each group(floor). Basically, the information must be same as the one you set locks.

LOCI	k Account									
	Lock Mo	de Free								
	Pola	ng Building I								
	Dulla	ina Brilland I	~							
		Group	No, Revi	sion						
	Lock ID From									
	LUCK ID FIOI	n : Group 1	0001 00							
		To Group 1	 0001 00 							
	New New	Update	Save Save	ato 🚺	Find	Multiple Update	Import	Layout	creation	
	New New	work of the second seco	Save Cele			Multiple Update	e	e	creation	
lo.	Lock Mode	Building Name	Group Name	Lock No). Revision	Location	Multi-User	Lock Status	Card No.	
1	Free	Building 1	Group 1	0001	00	01	2	Occupied	5ECF51C0	
	Free	Building 1	Group 1	0002	00	02	1	Occupied	131E54D2	
]	Free	Building 1	Group 1	0003	00	03	1	Available		
	Free	Building 1	Group 1	0004	00	04	1	Available		
	Free	Building 1	Group 1	0005	00	05	1	Available		
	Free	Building 1	Group 1	0006	00	06	1	Available		
]	Free	Building 1	Group 1	0007	00	07	1	Available		
]	Free	Building 1	Group 1	8000	00	08	1	Available		
]	Free	Building 1	Group 1	0009	00	09	1	Available		
]	Free	Building 1	Group 1	0010	00	10	1	Available		
	Assign	Building 1	Group 1	0011	00	11	1	Occupied	6E1352C0	
	Assign	Building 1	Group 1	0012	00	12	1	Available		
	Assign	Building 1	Group 1	0013	00	13	1	Available		
	Assign	Building 1	Group 1	0014	00	14	1	Available		
	Assign	Building 1	Group 1	0015	00	15		Available		
	Assign	Building 1	Group 1	0016	00	16		Available		
	Assign	Building 1	Group 1	0017	00	17	1	Occupied	6E7B52C0	
	Assign	Building 1	Group 1	0018	00	18		Occupied	131E54D2	
	Assign	Building 1	Group 1	0019	00	19	1	Available		
	Assign	Building 1	Group 1	0020	00	20	1	Available		
	Smart Assign	Building 1	Group 1	0021	00	21	1	Available		
	Smart Assign	Building 1	Group 1	0022	00	22	1	Available Available		
	Smart Assign	Building 1	Group 1	0023	00 00	23	1	Available Available		
	Smart Assign Smart Assign	Building 1	Group 1	0024	00	24	1	Available		
		Building 1	Group 1	0025	00	20	1	Available		

- ① Click 'New' button to enter new information.
- ② Input the following items and click 'Save' button to save the entered information

Item	Description				
Lock Mode	Select 'Free Mode', 'Assign Mode' or 'Smart Assign Mode'				
Building Select a registered building account					
	Select a registered group(floor) account and input lock number				
	range (From~ To ~)				
	The revision number can be used for the situation of user card lost				
Lock From To	under Assigned mode (Lock always accepts User cards that have				
LOCK FIOITI TO	only the same or higher revision number, so when a user lost its				
	card, change the lock revision number higher to avoid the lost card				
	is used on the lock again after found (Refer to LKS Manual for more				
	information))				

③ If you want to update the information, select the lock account from the list and click 'Update' button to activate the input boxes. Input the updated information and click 'Save' button to update the lock account information.



- ④ If you want to delete the information, select the lock account from the list and click 'Delete' button to delete.
- (5) If you want to search specific locks, input Building, Group and Lock number of the locks and click 'Find' button.
- ⑥ To update multiple lock information, click 'Multiple Update' button.

	Building 1 🗸 🗸 🗸	Lock Mode	l Free N
Group			Free Vinavailable
	âroup 1 🗸 🗸 🗸	Lock Status	
No. 1	\$	Latch Status	Unknown
up to 1	0 🖨	In-Use Light	
		Digital No.	Disuse
Lock Mode	🔿 Digital No.	First Character	\sim
 Lock Status 	🔿 Digital Name	Second Character	\sim
◯ Latch Status	 Location 	Starting No.	1 🜲
🔿 In-Use Light	🔿 Clear Card No,	Character Length	2 \$
Jate tbl_locker_account set ockID <= '0010');	nLockMode=0 where (BuildNo=1) and (s	Group='0001') and (sLockID >=	'0001' and Change Applay

Select building account, group account and starting number and ending number of the locks you want to update the information of, and select an item to update.

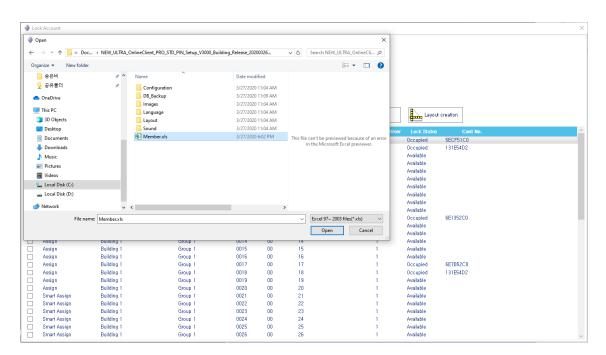
Only select list of the selected item will be activated on the right side of the screen.

ltem	Description			
Lock Mode	'Free Mode', 'Assign Mode' or 'Smart Assign Mode'			
Lock Status	Unavailable', 'Available' or 'Occupied'			
Latch Status	'Unknown', 'Open' or 'Close'			
In-use light	'Disuse', 'When Occupied', 'When Available' or 'When Available			
	(Smart Assign)'			
Digital No.	'Disuse', 'Fixed Color' or 'Color Changing (Open/Close)'			
	'Digital No.' must be available			
Digital Name	Chosen first second character and number will be shown on the			
	monitoring lock icon as digital number style1			
Location	Input Locks' location (ex. S001 = Number 1 lock of South)			
Clear Card No.	Clear all saved card number in lock account			



After changing the information, click 'Change' button and then click 'Apply' button to save the information on SQL DB and lock account.

⑦ If you have a formed excel file containing lock and user information, you can simply import the file to lock account and manage it.



Lock Accou	Lock Mode	Free									
	Building	Building 1	~								
		Group	No.	Revision							
	Lock ID From :	Group 1	~ 0001	00							
	To	Group 1	~ 0001	00							
	New	Update	Save	Delete	Find		Multiple Update	Import	Layout	creation	
lo.	Lock Mode	Building Name	Grou	Name Lo	ick No. – Ri	evision	Location	Multi-User	Lock Status	Card No.	
Free	B	uilding 1	Group 1	000	1 00	01		2	Occupied	5ECF51C0	
Free	B	uilding 1	Group 1	000	2 00	02		1	Occupied	131E54D2	
Free	В	uilding 1	Group 1	000		03		1	Available		
Free	В	uilding 1	Group 1	000		04		1	Available		
Free	B	uilding 1	Group 1	000			×	1	Available		
Free		uilding 1	Group 1	000	6 (1	Available		
Free	B	uilding 1	Group 1	000				1	Available		
Free		uilding 1	Group 1	000	8 (Do you	import?	1	Available		
Free	B	uilding 1	Group 1	000				1	Available		
Free	В	uilding 1	Group 1	001				1	Available		
Assig	n B	uilding 1	Group 1	001		OK	Cancel	1	Occupied	6E1352C0	
Assig		uilding 1	Group 1	001		12		1	Available		
] Assig		uilding 1	Group 1	001		13		1	Available		
Assig		uilding 1	Group 1	001		14		1	Available		
] Assig		uilding 1	Group 1	001		15		1	Available		
Assig		uilding 1	Group 1	001		16		1	Available		
Assig		uilding 1	Group 1	001		17		1	Occupied	6E7B52C0	
Assig		uilding 1	Group 1	001		18		1	Occupied	131E54D2	
Assig		uilding 1	Group 1	001		19		1	Available		
Assig		uilding 1	Group 1	002		20		1	Available		
		uilding 1	Group 1	002		21		1	Available		
		uilding 1	Group 1	002		22		1	Available		
		uilding 1	Group 1	002		23		1	Available		
		uilding 1	Group 1	002		24		1	Available		
		uilding 1	Group 1	002		25		1	Available		
Smart	t Assign 🛛 🛛 🛛 🛛 🛛	uilding 1	Group 1	002	6 00	26		1	Available		

If you want to use standard layout instead of your layout created by 'Custom Layout', press 'Layout Creation' button. Standard layout will be created by group and saved in group account to show on monitoring.



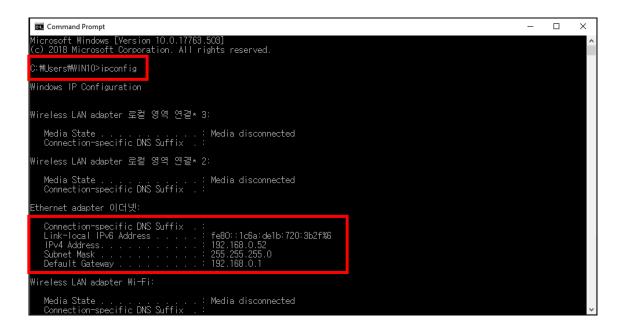


(5) AP

A menu for managing AP information. You can input the value you set on AP Settings and Server Program. If a registered AP has different information with Server program, the AP cannot communicate with locks, and of course lock status cannot be shown on the monitoring.

AP Account							-	×
Name	AP1							
AP IP	192,168,0,52							
Server IP	192,168,0,52							
Server Port	2274							
Channel	22							
Building	Building 1 ~		Group 0001					
Starting Lock No.	1	Ending L	ock No, 50					
Layout No,	1 ~	Protocol	Version Nev	· ~				
	Sew New	🧊 Update	Save	Delet	e APAF	9 Settings		
Name	AP IP	Server IP	Server Port	Channel Buildin		Starting Lock Ending Lo		
AP1	192,168,0,52	192,168,0,52	2274	2 1	0001	1 50	Waiting	Ne
<								>
٢						_		>

Before creating AP account, please check PC IP and TCP/IP first by running 'Command Prompt' and inputting 'ipconfig' command as below.





① Click 'AP Settings'.



AP Management(V1.10.4 20200115-Release-LockID)		- 🗆 ×
Config Setting AP MAN	AGEMENT(AP5.0-FW:V2.5)	V1.10.4(R)-LOCK_ID
ETHERNET SETTING		AP SETTING
Version Mac Addr Search Direct IP 192 168 0 255 0 255	AP LIST	AP ID Building BD:01 ~ Group ~
IP Configuration Method Operation Mode Ostatic OHCP OClient O Server O Mixed		Lock ID 1 = 50 = Channel CH:21 ~
Local IP Port		
Server IP Port		SMART
Serial Configuration My PC IP BaudRate		
Data Packing Condition Time (0 ~ 65536 sec) Size (0 ~ 255 Byte)		DB AP Channel Option Update AP Channel DB DB ConnectTest
Search Setting Ping Test	Connect AP Disconnect AP WRITE	READ CLEAR EXIT
		^
<		v >

Select Server PC IP from 'My PC IP' box, and click 'Search' button.
 Mac address and IP of connected AP200 will be shown on AP List.

AP Management(V1.10.4 20200115-Release-LockID)		- 🗆 X
Config Setting AP MA	NAGEMENT(AP5.0-FW:V2.5)	V1,10,4(R)-LOCK_ID
ETHERNET SETTING		AP SETTING
Version 02.07 Mac Add 54:10:EC:20:17:59 Search Direct IP 192 168 0 255 0 255 IP Configuration Method Operation Mode Operation Mode 0 255 0 255 IP Configuration Method Operation Mode IS 0 189 Port 5000 Subnet 255 255 0 1 5000 Port 5000 Subnet 255 255 0 1 5 5 1 Server IP 192 168 0 1 5 1 5 Server IP 192 168 0 52 Port 2274 BaudRate 230400 1	AP LIST 541:0EC:20015:05 P: 192.163.0159 541:0EC:20015:05 P: 192.168.0173 541:0EC:9C:107:3 P: 192.168.0175 541:0EC:9C:207:C P: 192.168.0179 541:0EC:9C:207:C P: 192.168.0179 541:0EC:9C:201C:40 P: 192.168.0179 541:0EC:9C:201C:40 P: 192.168.0133 541:0EC:200:0E7:8 P: 192.168.0179 541:0EC:200:0E7:8 P: 192.168.0179 541:0EC:200:0E7:8 P: 192.168.0179 541:0EC:300:0F78 P: 192.168.0179 541:0EC:300:0F78 P: 192.168.0179 541:0EC:300:0F78 P: 192.168.0179 541:0EC:300:0F78 P: 192.168.0176 00:08:DC:53:35:D6 IP: 192.168.0174	AP ID Building BD:01 ~ Group ~ Lock ID 1 P 50 P Channel CH:21 ~
Search Setting Ping Test	Connect AP Disconnect AP WRI	TE READ CLEAR EXIT
Search OK !! IP : 192,168,0,174, MAC : 54:10:EC:20:1C:4 Search OK !! IP : 192,168,0,193, MAC : 54:10:EC:98:D5:3 Search OK !! IP : 192,168,0,171, MAC : 54:10:EC:20:0E:7 Search OK !! IP : 192,168,0,176, MAC : 54:10:EC:20:13:11 Search OK !! IP : 192,168,0,194, MAC : 00:08:DC:53:35:D	I IP : 192,168,0,193 IP : 192,168,0,171 IP : 192,168,0,176	• •



③ Select an AP which you want to configure from the AP list, and input values in 'Ethernet Setting' referring to the description below.

Item	Description
	AP IP
Local IP	Make sure this IP is only assigned to this AP
Local Port	Assign the port number on your own (Default: 5000)
Subnet	Input the value (Subnet Mask) checked in Command Prompt
Gateway	Input the value (Default Gateway) checked in Command Prompt
Server IP	Input the value (IPv4 Address) checked in Command Prompt
Server Port	Input the port number as set in Server program (Default 2274)

④ Click 'Setting' button to save the information to the selected AP, and check the message 'Setting OK' from the message box below.

AP Management(V1.10.4 20200115-Release-LockID)		- 🗆 X
Config Setting AP MANA	AGEMENT(AP5.0-FW:V2.5)	V1,10,4(R)-LOCK_ID
ETHERNET SETTING	AP SETTING	
Version 02,07 Mac Addr 54:10:EC:20:17:59 Search Direct IP 192 168 0 255 0 255 IP Configuration Method Operation Mode Operation Mode 0 255 0 255 IP Configuration Method Operation Mode Client Server Mixed Local IP 192 168 0 189 Port 5000 Subnet 255 255 0 Gateway 192 168 1 Server IP 192 168 0 52 Port 2274 Serial Configuration My PC IP 192 168 52 Port 2274 Data Packing Condition My PC IP 192 163,052 1 1 Data Packing Condition My PC IP 192 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <t< th=""><th>AP LIST B4101E0:20115:05 B4101E0:20115:05 B4101E0:20115:05 B4101E0:20115:05 B4101E0:20115:05 B4101E0:2010:20 B4101E0:20 B4101E0:2010:20 B4101E0:20 B4101E0:</th><th>AP ID Building BD:01 V Group V Lock ID 1 0 50 0 Channel CH:21 V Channel CH:21 V DB AP Channel Option Update AP Channel DB DB ConnectTest</th></t<>	AP LIST B4101E0:20115:05 B4101E0:20115:05 B4101E0:20115:05 B4101E0:20115:05 B4101E0:20115:05 B4101E0:2010:20 B4101E0:20 B4101E0:2010:20 B4101E0:20 B4101E0:	AP ID Building BD:01 V Group V Lock ID 1 0 50 0 Channel CH:21 V Channel CH:21 V DB AP Channel Option Update AP Channel DB DB ConnectTest
Search Setting Ping Test	Connect AP Disconnect AP WRIT	E READ CLEAR EXIT
Setting OK !!		<u> </u>
<		>



S Click 'Connect AP' button and check the message 'Connected OK' from the message box. If it is connected well, 'WRITE' and 'READ' buttons will be activated.

AP Management(V1.10.4 20200115-Release-LockID)		- 🗆 X
Config Setting AP MAN	AGEMENT(AP5.0-FW:V2.5)	V1,10,4(R)-LOCKJD
ETHERNET SETTING		AP SETTING
Version 02.07 Mac Addr 54:10:EC:20:17:59 Search Direct IP 192 168 0 255 0 255 IP Configuration Method Operation Mode Operation Mode 0 100 0 100 100 0 100 0 100 100 0 100 0 0 0 100 0 <th>AP LIST 54:10:EC:20:17:59 IP: 192.168.0.189 54:10:EC:20:15:05 IP: 192.168.0.173 54:10:EC:90:10:73 IP: 192.168.0.173 54:10:EC:90:10:73 IP: 192.168.0.175 54:10:EC:90:10:73 IP: 192.168.0.175 54:10:EC:90:10:71 IP: 192.168.0.175 54:10:EC:90:10:72 IP: 192.168.0.175</th> <th>AP ID Building BD:01 ~ Group ~ Lock ID 1 = 50 ÷</th>	AP LIST 54:10:EC:20:17:59 IP: 192.168.0.189 54:10:EC:20:15:05 IP: 192.168.0.173 54:10:EC:90:10:73 IP: 192.168.0.173 54:10:EC:90:10:73 IP: 192.168.0.175 54:10:EC:90:10:73 IP: 192.168.0.175 54:10:EC:90:10:71 IP: 192.168.0.175 54:10:EC:90:10:72 IP: 192.168.0.175	AP ID Building BD:01 ~ Group ~ Lock ID 1 = 50 ÷
Static DHCP Client Server Mixed Local IP 192 168 0 189 Port 5000 Subnet 255 255 0 6 1 6 1 Gateway 192 168 0 1 1 1	54:10:EC:20:1C:40 IP:192:168:0.174 54:10:EC:20:0E:78 IP:192:168:0.173 54:10:EC:20:0E:78 IP:192:168:0.176 54:10:EC:20:0E:78 IP:192:168:0.176 54:10:EC:20:0E:78 IP:192:168:0.176 00:08:DC:53:35:D6 IP:192:168:0.176	Channel CH:21 V
Server IP 192 168 0 52 Port 2274 Serial Configuration My PC IP 192 166,0.52 192 166,0.52		SMART elock
Time 0 (0 ~ 65536 sec) Size 0 (0 ~ 255 Byte)		DB AP Channel Option
Search Setting Ping Test	Connect AP Disconnect AP WRIT	E READ CLEAR EXIT
Setting OK !! Connected OK !!! ==> IP : 192,168,0,189 100400194 150310000000000000000000000000000120101000101 FFFF0000	01005060700012000101000000200205162447F7D9000	0 000000000000000000000000000000000000
<		پ ۲

6 Click 'READ' button to check current saved information.

Config Setting								
			IAGEMENT(A	P5.0-FW:V2.8	5)		V1,10,4(R))-LOCI
	ETHERI	NET SETTING				A	P SETTING	;
Version 02,07 Search Direct IP	mae naar	:10:EC:20:17:59 255 🗖 0 255	54:10:EC:20:17:59 54:10:EC:20:15:D5 54:10:EC:9C:10:73	AP LIST IP : 192,168 IP : 192,168 IP : 192,168		AP ID Building	AP1 BD:01 ~	
IP Configuration Method Static DHC	P	Server OMixed	54:10:EC:9C:20:75 54:10:EC:9C:23:7C 54:10:EC:9B:DD:7B 54:10:EC:20:1C:4D 54:10:EC:20:0E:78	IP : 192,168 IP : 192,168 IP : 192,168 IP : 192,168 IP : 192,168	0,175 0,179 0,0174 0,193	Group Lock ID Channel	Group 01 ∨ 1 ਦ = ! CH:18 ∨	50 ਦ
Local IP 192 168 Subnet 255 255 Gateway 192 168	5 255 0	ort 5000	54:10:EC:20:0E:78 54:10:EC:20:13:10 00:08:DC:53:35:D6	IP : 192,168 IP : 192,168 IP : 192,168	0.176	on dall for		
Server IP 192 166 Serial Configuration BaudRate 23040	My	ort 2274 PC IP 2,168,0,52				SM		r Ik
Data Packing Condit Time 0 Size 0	ion (0 ~ 65536 s (0 ~ 255 Byte					🗌 Update	annel Option AP Channel E ConnectTest	в
Search	Setting	Ping Test	Connect AP	Disconnect AP	WRITE	READ	CLEAR	EXI



⑦ Input values in 'AP Setting' referring to the description below.

ltem	Description
	AP name that will be inputted into AP Account in Client program
AP ID	Assign AP ID on your own, but do not duplicate
APID	Only English alphabet and number are available
	(Any space or special characters cannot be contained)
Building	Building number (1~50)
Group	Group(Floor) number (1~99)
Lock ID	Starting and ending number of locks connected to the selected AP
LUCK ID	(Max. 50 locks per 1 AP is recommended)
	RF Channel for the selected AP (Channel 11~25)
Channel	Do not set neighboring AP channel to near APs to minimize wireless
	interference
DB AP Channel	Check if you want to undate the AD setting information on DD
Option	Check if you want to update the AP setting information on DB

(8) Click 'WRITE' button to save the information of the selected AP, and check the message 'Configuration writing OK' from message box.

AP Management(V1.10.4 20200115-Release-LockID) - 🗆 🗙						
Config Setting AP MAN	AGEMENT(AP5.0-FW:V2.5)	V1.10.4(R)-LOCK_ID				
ETHERNET SETTING	AP SETTING					
Version 02.07 Mac Addr 54:10:EC:20:17:59 Search Direct IP 192 168 0 255 0 255 IP Configuration Method Operation Mode Operation Mode 0 255 0 255 IP Configuration Method Operation Mode Operation Mode 0 Client Server • Mixed Local IP 182 168 0 189 Port 5000 Subnet 225 255 0 Gateway 192 168 1 Server IP 192 168 0 52 Port 2274 BaudRate 230400 V IP 192 168 52 Data Packing Condition Time 0 (0 ~ 65536 sec) 52 52 53 Size 0 (0 ~ 255 Byte) 54.20 55.20 54.20 54.20 54.20	AP LIST 54:101E:C820:17/59 IP:1192,168.0.138 54:101E:C320:15:31 IP:1192,168.0.133 54:101E:C320:10:73 IP:1192,168.0.162 54:101E:C320:10:73 IP:1192,168.0.175 54:101E:C320:10:73 IP:1192,168.0.175 54:101E:C320:C3:70 IP:1192,168.0.175 54:101E:C320:C3:70 IP:1192,168.0.174 54:101E:C320:C1:74 IP:1192,168.0.174 54:101E:C320:C1:C4D IP:1192,168.0.174 54:101E:C320:E3:5D5 IP:1192,168.0.173 00:06:DC:53:35:D6 IP:1192,168.0.194	AP ID AP1 Building BD:01 ~ Group Group 01 ~ Lock ID 1 © 50 © Channel CH:18 ~ Channel CH:18 ~ DB AP Channel Option Update AP Channel DB DB ConnectTest				
Search Setting Ping Test Configration Writing OK!! Configration Writing OK!! RC=1 wkx Configration Writing OK!! RC=1 wkx RC=1 wkx Configration Writing OK!! RC=1 wkx RC=1 wkx	Connect AP Disconnect AP WRI	TE READ CLEAR EXIT				



- (9) Click 'READ' button again to check if the setting values are properly saved.
- 1) If you want to set another AP, follow the steps from 2).
- ① After setting is completed, click 'EXIT' to close the window.
- 2 Click 'New' button from AP account window to enter new information.
- (3) Input the following items and click 'Save' button to save the entered information.

Item	Description	
Name	Input AP Name which you set in AP Settings	
Apply to Server	Check to update the information into Server program automatically	
AP IP	Input AP IP address which you set in AP Settings	
Server IP	Input IP address of a PC which Server is installed in	
Server Port Input server port (Default: 2274)		
Channel Input RF Channel which you set in AP Settings		
Building Select Building account which you set in AP Settings		
Group Input Group number which you set in AP Settings		
Starting Lock No.	Input Starting number of the lock that you set in AP Settings	
Ending Lock No.	Input Ending number of the lock which you set in AP Settings	
Layout No. Select AP Layout ID same as you set in Custom Layout		
Protocol Version	Select Old Protocol = Lock hardware version lower than v. 5	
Protocol version	Select New Protocol = Lock hardware version higher than v. 7	

- If you want to update the information, select the AP account from the list and click 'Update' button to activate the input boxes. Input the updated information and click 'Save' button to update.
- If you want to delete the information, select the AP account from the list and click 'Delete' button to delete.





(6) Staff

A menu for managing information on staffs. You can manage staffs(program users) in here. Each staff can be granted permission to use functions of program.

🧟 Staff Account			×
ID Name Password	1 Song ● ✓ Key Generation ✓ Lock Setting ✓ Account Management	Select All Monitoring Account Super Account Constrained for the second for th	^
ID	New V	Ipdate Save Delete	~
✓ 1	Song		

- ① Click 'New' button to enter new information.
- ② Input the following items and click 'Save' button to save the entered information.

Item	Description
ID	Login ID
Name	Name of Staff(User)
Password	Login password
Key Generation	Key Card generating permission
Lock Setting	Lock setting permission
Account Management	Account managing permission
Program menu list Program menu access permission	

- ③ If you want to update the information, select the Staff account from the list and click 'Update' button to activate the input boxes. Input the updated information and click 'Save' button to update the staff account.
- If you want to delete the information, select the Staff account from the list and click 'Delete' button to delete it.



(7) Lock Status

A menu for managing the name of each function and its background and foreground color shown on monitoring layout.

🗈 Lock	Status	Account	×
		No, 0 Name Normal Background Color Foreground Color Foreground Color Save Delete	
		No. Name Background Foreground	^
v	0	Normal	
	1	Lock open	
	2	Lock close	
	4	Lock Alarm	
	5	Lock BL tag	
	7	Terminated Valid	
	10	Assign-Normal	
	11	Assign Open Assign Close Assign Lock alarm Assign Lock alarm Assign Lock Alarm Assign Lock Blocking	
	12	Assign Close	
	14	Assign Lock alarm	
	20	Lock Blocking	
	30	Smart Assign-Normal	
	31	Smart Assign Open Smart Assign Close	
	32	Smart Assign Close	
	34	Smart Assign alarm	
	40	Time Limit/3Shift	
	41	Time Limit/3Shift Open(Free)	
	42	Time Limit/3Shift Close(Free)	
	44	Master Card Close	
	00	ML ALLELIZOPEXA	~

- ① Click 'New' button to enter new information
- ② Input the following items and click 'Save' button to save the entered information.

ltem	Description	
No.	nput status number	
Name	Input the name of lock status	
Background Color	Select background color of lock icon for the status	
Foreground Color	Select foreground color of lock icon for the status	

- ③ If you want to update the color of the lock's status, select the lock status from the table and click 'Update'. button to activate the input boxes. Input the updated information and click 'Save' button to update.
- ④ If you want to delete, select the lock status from the list and click 'Delete' button to delete.



(8) Membership Level

A menu for managing membership levels. Different membership levels can be managed here, and you can select the membership level when you add member account.

ø	Men	nbership l	evel Account	t	×
			Mer	Level 0 mbership Name Normal Description General Member	
				New Update Save Delete	
		Level	Mem bership	Nam Description	
	✓	0	Normal	General Member	
		1	Gold	Gold Member	
		2	MP	MP Member	

- ① Click 'New' button to enter new information.
- ② Input the following items and click 'Save' button to save the entered information.

Item	Description		
Level	nput membership level number		
Membership Name	Input the name of membership level		
Description	Memo for membership level		

- ③ If you want to update the information, select the membership level account from the list and click 'Update' button to activate the input boxes. Input the updated information and click 'Save' button to save it.
- ④ If you want to delete, select the account from the list and click 'Delete' button to delete it.



(9) Blacklist

A menu for managing blacklist. If a membership card is lost or damaged, you can add the card on blacklist and make nobody can use it. After registering, you can send Card Blocking command on the assigned lock from Lock Control on the right side of monitoring screen.

cklist			×	Blacklist						
Card N	BEB051C0					Card	No. BEB051C0			
Card Statu	is 💿 Lost 💿 Damaged	Etc.			0				×	
Remark	(8									1
			_		Memb	er ID / Name 2	20031900001 jjhong3			_
New New	Save Save	Celete				Card No.	EB051C0		ete	
									^	
Card No. Card Stat			Rem a	Card	✓	220031900001	jjhong3			
BEB051C0	220031900001 jjhong3					hc10665	박준우	SK홀딩스		
						hc10666	백광일	SK홀딩스		
						hc10667	김드온	SK홀딩스		
						hc10668	신용준	SK홀딩스		
						hc10673	이형석	SK홀딩스		
						hc10674	문병진	SK홀딩스		
						hc10675	이종석	SK홀딩스		
						hc10676	서경석	SK홀딩스		
						hc10678	전채란	SK홀딩스		
						hc10681	양성룡	SK홀딩스		
						hc10682	최은영	SK홀딩스	~	
					< _				,	
							Apply (Cancel		
			,							
	Send Command						Send Comman	м		

- ① Click 'New' button to enter new information.
- ② Input the following items and click 'Save' button to save the entered information.

ltem	Description
Click '' button to open Member search window and search ID or na	
Card No. of the member who lost or damaged its card	
	Select the user information from the list below and click 'Apply'
Card Status	Select between Lost and Damaged depending on the situation
Remarks	Memo for the card

③ If you want to delete, select the BL account from the list and click 'Delete' button to delete.



5. Monitoring

1) Screen Description

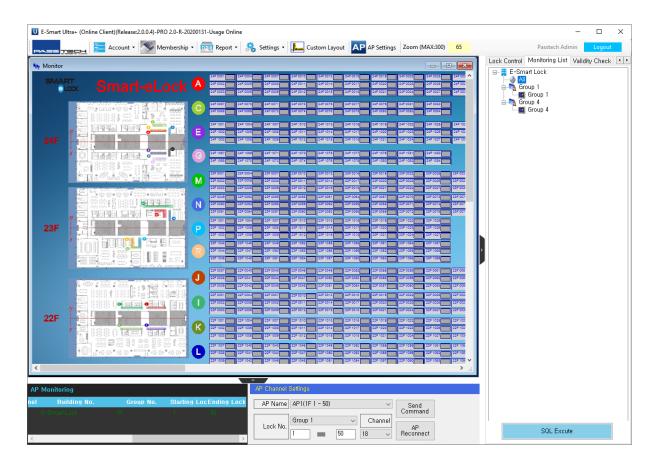
To see lock status in monitoring, you must register all accounts in Account menu first.



(1)	Monitoring Layout
2	Lock Control
3	Monitoring List
(4)	Alarm Settings
(5)	AP Connection Monitoring
6	AP Channel / Lock Setting
9	



2) Full Monitoring

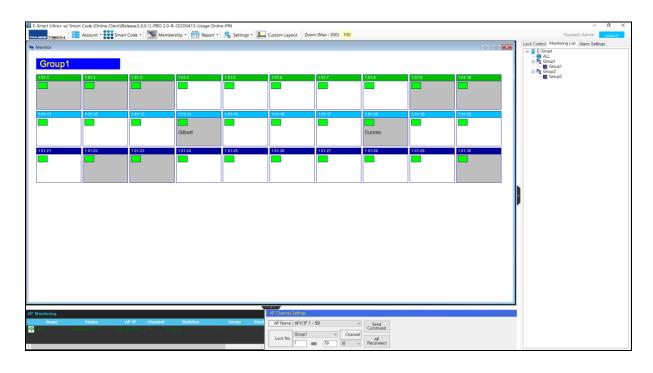


You can monitor all locks in whole building which are registered in Locker Account



3) Floor Monitoring

You can monitor status and information of each lock in different group(floor) which are registered in Locker Account.



NOTE Double Click , and ' buttons to expand the display layout to full size.



4) Basic Control Commands

When you right-click in Layout Monitoring, two control menus appear as follows.

(1) When you right-click on wallpaper.

Zoom-In
Zoom-Out
Reset Zoom
Move Panel
Reset Panel

Layout	Description		
Zoom-In	Expand Layout		
Zoom-Out	Reduce Layout		
Reset Zoom	Layout to original size		
Move Panel	Drag to move		
Reset Panel	Back to original state		

(2) When you right-click on lock icon.

Zoom-In	Zoom-In
Zoom-Out	Zoom-Out
Reset Zoom	Reset Zoom
Open	Open
Close	Close
Card Issue (w/o details)	Card Issue (w/o details)
	Card Issue (w/ details)
Card Issue (w/ details)	Update User Info
Update User Info	Clear User Info
Clear User Info	Lock Blocking
Lock Blocking	Card Blocking
Smart Code	Smart Code

- On available lock
- On occupied lock



Layout	Description			
Zoom-In	Expand Layout			
Zoom-Out	Reduce Layout			
Reset Zoom	Layout to original size			
Lock Control	Description			
	Open the selected lock			
Open	Keep the lock opened on Free mode			
	Close the lock automatically after a set latch time on Assign mode			
Close	Close the selected lock			
CIOSE	Keep the lock closed on Free mode and Assign mode			
Card Control	Description			
Card Issue (w/o details)	Issue a membership card for the lock without user details			
Card Issue (W/ details)	Issue a membership card for the lock with user details			
Update User Info	Change the assigned user password or card			
Clear User Info	Clear assigned user information on the lock			
Lock Blocking	Block/Unblock the lock and make it as occupied or available			
Card Blocking	Block the assigned card and add it on Blacklist account			
Smart Code	Generate Smart Code for the lock			



5) Lock Control

You can see status of each lock and control it. Control items have the process of Open/Close (Each), Open/Close (All), Lock Blocking, Card Blocking and Clear User Information.



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(1) Open/Close (Each)

	Control Board	
📀 Expander		
Туре	Open/Close (Each) 💌	
Range	💿 Each 💿 All	
Option	● Open ─ Close ─ Cancel	
Lock	Group 1 Y 0001	
Se	end Command Cancel Ali	

- ① Choose a lock which you want to open/close in layout.
- ② Select 'Open/Close (Each)' in 'Control Items' combo box on the right side of the screen.
- ③ Set 'Open' or 'Close' command as you want.
- ④ Check if the chosen lock and the group(floor) are correct.
- 5 Press 'Send Command' button.
- If you want to cancel the command already sent to AP, check 'Cancel' in option and click 'Send Command' button.
- ⑦ 'Cancel All' button is for cancelling commnads accidently or wrongly sent to locks.



(2) Open/Close (All)

	Control Board
📀 Expander	
Туре	Open/Close (All)
Range	💿 Each 💿 All
Option	● Open _ Close ○ Cancel
Lock	
AP	AP1(1F1-50) v
Se	end Command Cancel All

- ① Select 'Open/Close All' in 'Control Items' combo box on the right side of the screen.
- ② Set 'Open' or 'Close' command as you want.
- ③ Select whether to control each AP or entire AP in 'AP' selection.
- ④ Press 'Send Command' button.
- (5) If you want to cancel the command already sent to AP, check 'Cancel' in option and click 'Send Command' button.
- 6 'Cancel All' button is for cancelling commnads accidently or wrongly sent to locks.



(3) Lock Blocking

	Control Board
📀 Expander	
Туре	Lock Blocking Y
Range	🖲 Each 💿 All
Option	
Lock	
AP	AP1(1F 1 - 50) 🗸
L	ock No.
_	1:0001
000	1:0002
_	1:0003
_	1:0004
000	1:0005
Se	nd Command Cancel All

- ① Select 'Lock Blocking' in 'Control Items' combo box on the right side of the screen.
- ② Select AP and lock which you want to make block.
- ③ Press 'Send Command' button to block the selected lock.
- ④ If you want to unblock it, uncheck the lock from the list, and press 'Send Command' button.
- (5) 'Cancel All' button is for cancelling commnads accidently or wrongly sent to locks.



(4) Clear User Info

	Control Board
📀 Expander	
Туре	Clear User Info 👻
Range	● Each 🔿 All
Option	
Lock	Group 1 ¥ 0001
AP	AP1(1F1-50)
Se	end Command Cancel All

- ① Select 'Clear User Info' in 'Control Items' combo box on the right side of the screen.
- 2 Select a group, lock number and AP that you want to clear saved user information in.
- ③ Press 'Send Command' button.
- ④ 'Cancel All' button is for cancelling commnads accidently or wrongly sent to locks.



6. Membership

1) Menu List

)(Release:3.0.0.0)-PRO 2.0-R-20200326-Usage Online-PIN								
🚞 Account 🗸 🚫 M	Aembership 🛛 💼 Report 🗸 🧏 Settings 🗸 🌆 Custom Laye							
চিহা	Membership List							
	Card Issue (w/o details)							
eCheck	Card Check							
*	Maintenance							
	Audit Trail							
*	Lock Info							
	Member Import/Export							

2) Main Item Description

Button	Description				
Rew	Button to enter new information				
Update	Button to modify information				
Save	Button to save entered information				
Delete	Button to delete specific data of stored information				
Issue	Button to issue a card				



3) Membership Management

(1) Membership List

A menu for registering membership information and issuing membership(user) cards. You can manage information of each member and issue cards to them with the period of validity.

- If set up for STD Mode (Standard Mode)

-reifi	bership Card Issu	c (iii, uctails)				0000001001	_			
м	ember ID / Name				Member ID			Name		
	sinder id y marrie				Card No.	6E1352C0		Company	Passtech	
					Address 1					
	ID	Name	Com pany	Lock No.	Address 2					
	2020021901 2020021902	Song Bora	Passtech Passtech	1 1F-022 1 1F-055	Phone			E-mail	ebsong@esmartlock.com	
	2020021902	Eric	Passtech	1 1F-033	Lock Usage	V		Membership Level	Norm al 🗸 🗸	
	2020021904	Hong	Passtech		Free Mode					
	2020021905	Sunmo	Passtech			~	Multi-Lock	~ ·		
	2020021906 2020021907	Park	Passtech		Time Limit					
	2020021907 2020021908	Gilbert June	Passtech Passtech		Operati	on	 after 			
	2020021909	Jenny	Passtech		Assign Mode					
	2020021910	Byul	Passtech		2001			Card Managemen		
					Group 1 v 2			Curd Hundgemen		
							31E54D2 E1352C0	Add		
								Delete		
							-			
								Block		
					· · · · · · · · · · · · · · · · · · ·		>	Unblock		
					Valid Date	2019-01-02 17:38	▼ 8	2099-12-31 23:59	Unlimited	
							•	,		
						Building 1	Name	Building No.		
					Accessible Building	Building 1		1	Select All	
					Occupied Lock (Free Mode)			Occupied Lock (Smart Assign)		
								(on architelighty		
				>						
K	< ∎		b bb	10		New 🔊	Ipdate 📄 🔂 Sav	/e Rolete	Issue	
	· ·			10		•• <i>•</i>	- 52		and the second se	

Click 'New' button and enter information of the member (from ID to E-mail address).
 ID is automatically created when you click 'New' button, but if you want to change it to other numbers, it is also possible.
 Card No. will be filled automatically after you issue a membership card to the member. If

you already have a specific card number you want to assign to the member, you can manually put it in the 'Card No.' blank box.

- ② Check the 'Lock Usage' checkbox if you want to give locker usage permission to the member, and choose 'Membership Level'.
- ③ Select the lock mode between 'Free' and 'Assign' depending on the operation scenario of the site and operation mode you set on the locks.
 - Free

Choose an accessible lock group for the member (Issued membership card is only available on locks in selected group), and set 'Multi-Lock' count as you wish (Up to 5).



Check the 'Time Limit' checkbox if you want to make a lock open/close automatically after a set time from last card usage.

- Assign

Choose an accessible lock group and input a lock number to assign the membership card (Up to 5). You can assign as much as multi-user count you set on the lock. If you don't choose a lock number and issue a membership card, the first lock you read the issued card will be assigned (Pre-Assign mode).

④ Set a valid date and time.

Check the 'Unlimited' checkbox if you want to issue a membership card without valid date.

- (5) Select a building account to access (Default: Select all).
- 6 Click 'Save' button to save the entered information.
- ⑦ To update the information, select the member from the list, check its checkbox, click 'Update' button to activate input boxes, modify the information, and click 'Save' button to save it.
 - Card Management

	Card No.	•	🔽 Card Managemen		
	6E7B52C0		Add		
			Delete		
			Block		
<		>	Unblock		

The serial number of issued membership card will be shown in the box above.

If you want to issue more membership cards to the member, check the 'Card Management' checkbox and click 'Issue additional cards'.

If you want to delete the issued membership cards, check 'Card Management' checkbox, select card numbers you want to delete from the list, and click 'Delete selected cards'.

You can also block/unblock the issued membership cards selecting card numbers from the list and clicking 'Block' or 'Unblock' button.

- If you want to delete membership information, select a member to delete from the list, check its checkbox, and click 'Delete' button.
- If you want to issue a membership card to a member, select a member from the list, check its checkbox, and click 'Issue' button after putting a blank user card on DE620(Card reader).
- 10 After issuing the card, you can send a command to the lock to get issued card information.





চন্দ্ৰ	Mem	bership Card							- 🗆 ×
Γ		Member ID / Nar	ne :				Member ID : 219122000001 Card No. : 7A5BD739	Name : Company :	
		ID	Name	Com pany	Lock No.	Last Used Lock N	Address 1 :		
	/	219122000001	Song	Passtech	1 1F-3	1 4F-11 7	Address 2 :		
		219122000002 219122000003	Bora Eric	Passtech Passtech			Phone :	E-mail :	
		219122000004	Sun	Passtech	e			× Membership Level :	Normal v
		219122000005	Hong	Passtech					
		219122000008	Thomas	Passtech	Member ID/Nan	219122000001 Song		Multi-Lock : 1 v	
					Password :		CSN: 6E1352C0 Update		
					Loci	k No. Member ID	Name Card No.	_ after	
					✓ 01-01:00	003 219122000001	Song 6E1352C0		
								ud No. 🗌 Card Managerr	er
								739 Add	
								Delete	
								Block	
								> Unblock	
								2099-12-31 23:59	Unlimited
						Change I	Js Cancel	ame Bu	
								1	
									✓ Select all
							<		
							Free Lock	Smart-Assign	
							Usaged List	Usaged Lock	
<						>			
ŀ	"	< <u>1</u>		•	*	6	New Vpdate	Save Celete	Issue

চন	Mem	bership Card							- 🗆 X
ſ		Member ID / Nar	ne:				Member ID : 219122000001 Card No, :	Name : Company :	
		ID	Name	Com pany	Lock No.	Last Used Lock N	Address 1 :		
	✓ □	219122000001 219122000002	Song Bora	Passtech Passtech	1 1F-3	1 4F-11	Address 2 :		
		219122000003	Eric	Passtech			Phone :	E-mail :	
		219122000004 219122000005	Sun Hong	Passtech Passtech	*		~	Membership Level :	Normal v
		219122000008		Passtech	Member ID/Nan Password :	219122000001 Song	CSN : 6E1352C0 Update	Multi-Lock : 1 V	
					Loci	k No. Member I		 after 	
					✓ 01-01:00			ud No.	en
							Requested.	Delete Block	
							ОК	Unblock	
						Chang	e Us Cancel	2099-12-31 23:59 V	Unlimited
								1	✓ Select all
							¢		
							Free Lock Usaged List	Smart-Assign Usaged Lock	
	••	•		Þ	H	6	New Dydate	Save Delete	Issue



- CSN Mode

Everything is same but the issue button.

Instead of Issue button, it has 'CSN Registration' button.

Membership Card Issue	(w/ details)						-	
				Member ID		Name		
Member ID / Nar	ne			Card No.		Company		
				Address 1				
ID	Name	Com pany	LOCK NO. L	Address 2				
				Phone		E-mail		
				Lock Usage		Membership Level	~	
				Group All	Multi-Loo	sk v		
				Time Limit				
				Operation Lock u	∼ after	1 hour ~		
				Assign Mode Lock No.	Card No.	Card Managemen		
						Add		
						Delete		
						Block		
						Unblock		
				Valid Date 2020-09-	23 14:21	2020-09-23 14:21	Unlimited	
					Nam e	Building No.		
				Accessible Building			Select All	
				Occupied Lock (Free Mode)		Occupied Lock (Smart Assign)		
« • <u>1</u>)))		New	Update	Save Delete CSN F	Registration	

Just put the card you would like to add on the locks, and click 'CSN Registration' button. It will show a pop-up sign like below.

Now this card is available for the CSN mode locks.

Membership Card Issue (w/ details)	- 0
	Member ID 220092300001 Name Test
Member ID / Name	Card No. Company PassTech
	Address 1
ID Name Company Lock No. L 220090800001 Elle PassTech	Address 2
	Phone E-mail
	Lock Usage 🗸 Membership Level 🗸
	♥ Free Mode Group All
	Operation v after v
	Card No.
	Card registration is complete. Delete Block Urblock Urblock
	Valid Date 2010-01-01 00:00 V 2099-12-31 23:59 V V Unimited
	Accessible Building office1 1 Select All
,	Occupied Lock (Free Mode) (Smart Assign)
(€ 1	New Update Save CSN Registration



(2) Card Issue (w/o details)

A menu for issuing membership cards without registering any information of members.

Membership Card Issue (w/o details)		– 🗆 X	
USER CARD SETTING Free Mode Group All Deration Operation Group of the field of	Card No, The nu Lock Mode Lock ID	mber of issu Multi-Lock	
Assign Mode 1 floor Lock No. 1 floor 1 floor 1 floor 1 floor 1 floor 1 floor Valid Date 2010-01-01 00:00 ▼ 2099-12-31 23:59 ▼ ✔ Unlimited	Validity Valid from to Time Limit Last Used Lock No. B Member Information	after Battery Status Normal	
Continuo usiy Issue	ID	Name	

- Select the lock mode between 'Free' and 'Assign' depending on the operation scenario of the site and operation mode you set on the locks.
 - Free

Choose an accessible lock group for the member (Issued membership card is only available on locks in selected group), and set 'Multi-Lock' count as you wish (Up to 5). Check the 'Time Limit' checkbox if you want to make a lock open/close automatically after a set time from last card usage.

- Assign

Choose an accessible lock group and input a lock number to assign the membership card (Up to 5). If you don't choose a lock number and issue a membership card, the first lock you read the issued card will be assigned (Pre-Assign mode).

② Set a valid date and time.

Check the 'Unlimited' checkbox if you want to issue a membership card without valid date.



- ③ Put a blank user card on DE620(Card Reader) and click 'Issue' button to issue a membership card. If you want to issue multiple membership cards at once, check the 'Continuously' checkbox.
- ④ To check the information of the issued membership card, put the membership card on DE620(Card Reader) and click 'Check' button.

Membership Card Issue (w/o o	details)		- 🗆 X
USER CARD SETTING	Multi-Lock 1 v v after v 1 floor v 1 floor v 1 floor v 1 floor v	CARD INFORMATION Card No, 4328E5A5 Lock Mode Free & Assign Mode Lock ID Free 1 IF-0003 Free 1 IF-0001 Assign 1 IF-0003 Validity Valid from 6/25/2020 4:04:50 PM to 12/31/2070 11:59:59 PM	The number of issu 1 Multi-Lock 5
Valid Date 2010-01-01 00:0	1 floor 0 ▼ 2099-12-31 23:59 ▼ ✓ Unlimited	Time Limit	after
		No. Free :1 1F-0004 Assign :1 1F-0001	Battery Status Battery OK
		Member Information ID 220062300002	Name Elle
🗌 Continuo usiy	Issue		Check



(3) Check Card information

A menu for checking information of the issued membership cards.

🔤 Card Check				×	
CARD INFOR	MATION				
Card No,	131E54D2	The number of iss	u 514		
Lock Mode	Assign Mode	Multi-Lock 1			
Lock ID Assign 1 1F-0002					
Validity					
	2/2019 5:38:00 PM				
	/31/2099 11:59:00 PM				
Time Limit			after		
Last Used Lock	<				
No, Free	e :1 1F-0018	Ba	attery Status	Battery OK	
Member Inform	ation				
ID 8	2020021901		Name	Song	
		Check			

- ① Put an issued membership card on DE620(Card Reader).
- ② Click 'Check' button to check the information of the card.



(4) Maintenance

A menu for issuing Maintenance Card. Maintenance Card has various functions such as Time Setting, Master Card Change, Time Limit, 3 Shift, etc. for maintaining locks.

Maintenance	- 0
☑ Sound Settings	☑ Online Settings Channel 11 v
☑ Time Settings ☑ Set Current Time	Encryption On
Date 2020-03-27 ▼ Time Hour 18 × Min, 17 × Sec. 55 × Increase 05 seconds	Time Limit Open automatically Time Limit Open automatically 3 Shift Open ✓ Sound On/Off ✓ LED On/Off
Master Card Change	All V FF:FF FF:FF Set Delete
Master Card Read Delete BE0F51C0(1) 131253D2(2) ETC.	Week Time 1 Time 2 Time 3 Sunday FF:FF FF:FF FF:FF Monday FF:FF FF:FF FF:FF Tuesday FF:FF FF:FF FF:FF Mendeady FF:FF FF:FF FF:FF Thursday FF:FF FF:FF FF:FF Fiday FF:FF FF:FF FF:FF Satuday FF:FF FF:FF FF:FF
E.C., W Master Code Change Open + Delete a password v Keypad Mode Password + Card v Apply	☐ Load Last Setting Values ☑ Load Default Setting Values

- ① Set all options referring to the descriptions below.
 - Sound Settings



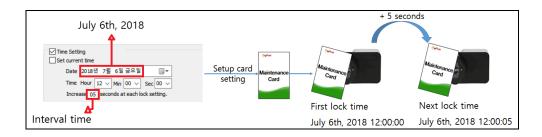
- ① Select the 'Sound Settings' checkbox to activate.
- ② Select a sound type (Normal, Small or Disable) on your preference.
- Time Settings

☑ Time Setti ☑ Set Curr				
Date	2020-03-27 🔻			
Time	Hour 18 ·	Min, 17 ×	Sec. 55 ×	
Increase	05 seconds			

① Select the 'Time Settings' checkbox to activate.



- ② Select the 'Same time as the current time' checkbox to transmit the current time information from PC to Maintenance Card at the moment of issuing.
- ③ If you want to set the lock time as you wish, uncheck the 'Same time as the current time' checkbox and set time.
- ④ Input the interval time between each lock setting to make the time for each lock be nearly synchronized. The input time will be automatically added when you scan Maintenance card on the locks.



- Master Card Change

✓ Master Card Change	
Master Card	Read Delete
3B161F8 73CDB01	

- ① Select 'Master Card Change' checkbox to activate.
- 2 Put a Master Card 1 or 2 on a card reader and click 'Read' to register.

(Master 1 = (1), Master Card 2 = (2))

- ③ If you want to delete a Master Card, select a card you want to delete in box and click 'Delete'
- ETC. (Master Code Change)

ETC,				
🖌 Master Code Change				
Open + Delete a password	~	*****		
🗹 Keyplad Molde	Password + Card	Ŷ		



- ① Select 'Master Code Change' checkbox to activate.
- 2 Choose the function of Master Code and input 6-digit password.
 - Open + Delete a password
 - : Delete user information & password opening the lock like Master Card I
 - Open/Close only
 - : Open/close a lock keeping user information and password like Master Card II
- ETC. (Keypad Mode)

] ****	****		
****	****		
****	****		
+Card v	~		
+ Card			
		Apply	

- ① Select 'Keypad Mode' checkbox to activate.
- 2 Choose an operation mode.
 - Password + Card: User can use both password and RFID card
 - Password: User can use only a password
 - Card: User can use only RFID card





- Online Settings

☑ Online Settings		
	Channel 11 ·	
Encryption	On v	

- ① Check 'Online Settings' checkbox to activate.
- ② Change the setting values referring to the description below.

Item	Description
Channel	Channel between online locks and AP (Channel range: 11-25)
Channel	If you set it 'OFF', wireless communication will be off
Encryption	Encryption On/Off

- Time Based Operation (Time Limit)

	3 Shift	Lock up Open autom	natically	Sound On/Off	after	1hour ∨ ✓ LED On/Off
All	>	FF:FF	FF:FF	FF:FF Set]	Delete
We	ek	Time 1	Time 2	Time 3		
Sunday		FF:FF	FF:FF	FF:FF		
Monday		FF:FF	FF:FF	FF:FF		
Tuesday		FF:FF	FF:FF	FF:FF		
Wednesday		FF:FF	FF:FF	FF:FF		
Thursday		FF:FF	FF:FF	FF:FF		
Friday		FF:FF	FF:FF	FF:FF		
Saturday		FF:FF	FF:FF	FF:FF		

- ① Select 'Time limit' checkbox to activate (Available only in Free mode).
- 2 Choose time limit operation mode.
 - Lock up: After set time, lock closes automatically
 - Open automatically: After set time, lock opens automatically
- ③ Time can be set from 1hour to 99hours.
- ④ You can set lock sound and LED lighting on your preference.



Time Based Operation (3 Shift)

\checkmark	Time Limit	Open auto	matically ~		after	1hour ~
v	3 Shift	Open	~	✓ Sound On/Off		✓ LED On/Off
All	>	Close Open	F:FF	FF:FF Set]	Delete
We	ek	Time 1	Time 2	Time 3		
Sunday		FF:FF	FF:FF	FF:FF		
Monday		FF:FF	FF:FF	FF:FF		
Tuesday		FF:FF	FF:FF	FF:FF		
Wednesday		FF:FF	FF:FF	FF:FF		
Thursday		FF:FF	FF:FF	FF:FF		
Friday		FF:FF	FF:FF	FF:FF		
Saturday		FF:FF	FF:FF	FF:FF		

- ① Select '3 Shift' checkbox to activate (Available only in Free mode).
 - Close: After set time, locks close

(You can open them by Master Card 1 or online lock open command)

- Open: After set time locks open
- Sound On/Off: Locks make sound at the set time.
- LED On/Off: LED lamps on locks blinks at the set time.
- ② Select the day of week or ALL.
- (3) Set the operation time and click 'SET' to save.
 (00:00 means, time has not set. If you want to make lock operate at midnight, set the time as 23:59)
- $\textcircled{ \ }$ $\textcircled{ \ }$ Lock will operate at the time on the day you set.
- ③ Put a Maintenance Card on a card reader(DE620), and click 'Apply' button to issue it.
- ④ You can bring latest or default setting values by checking the check boxes.

□ Load last setting values
✓ Load default setting values



(5) Audit Trail

	Lock No. 1 4F	0001 00	Lock Time	2019-12-26 14:55:1	16	Lock Mode Free Mode Channel 18
No	. Date/Time	Card No.	Member ID	Mem	ber Nam e	Lock Status
1	2019/12/05 17:47:15	4328E6A5	N/A	N/A		Door Open(by Card)
2	2019/12/05 17:47:19	4328E6A5	N/A	N/A		Door Close(by Card)
}	2019/12/05 17:53:14	42F0F045	N/A	N/A		Master Card Type1(User Card Register)
1	2019/12/05 17:54:09	42F0F045	N/A	N/A		Master Card Type1(User Card Register)
5	2019/12/11 16:35:23	03C0B0B3	N/A	N/A		Setup Card Used
6	2019/12/12 10:36:12	42F0F045	N/A	N/A		Master Card Type1(User Card Register)
7	2019/12/11 16:35:43	03C0B0B3	N/A	N/A		Setup Card Used
3	2019/12/11 16:35:55	42F0F045	N/A	N/A		Master Card Type1 (User Card Register)
9	2019/12/11 16:53:24	42F0F045	N/A	N/A		Master Card Type1(User Card Register)
0	2019/12/11 16:53:38	42F0F045	N/A	N/A		Master Card Type1 (User Card Register)
1	2019/12/19 16:40:43	42F0F045	N/A	N/A		Master Card Type1(User Card Register)
2	2019/12/20 10:45:00	03C0B0B3	N/A	N/A		Setup Card Used
3	2019/12/20 10:48:40	03C0B0B3	N/A	N/A		Setup Card Used
4	2019/12/20 10:49:21	03C0B0B3	N/A	N/A		Setup Card Used
5	2019/12/20 10:49:38	6E7B52C0	N/A	N/A		Door Close(by Card)
6	2019/12/20 10:49:41	6E7B52C0	N/A	N/A		Door Open(by Card)
17	2019/12/26 14:54:36	03C0B0B3	N/A	N/A		Setup Card Used
8	2019/12/26 14:54:48	60F5F045	N/A	N/A		Audit Trail Card Used
	Clear Data	_		Read Audit Trail Card		Save Data

A menu for seeing collected latest history up to 150 by Audit Trail Card.

- ① Read an Audit Trail Card on the lock to collect history of lock usage.
- 2 Put the Audit Trail Card on card reader(DE620) and click 'Read Audit Trail Card' button.
 - Main Item Description

ltem	Description
No.	In chronological order (Past to latest)
Date/Time	Date and time of lock usage
Card No.	CSN number of used cards
Member ID	Member ID of used cards registered in DB
Member Name	Card holder name registered in DB
Lock Status	Usage status
Clear Data	Button to clear all stored history
Read Audit Trail Card	Button to read the history collected by Audit Trail Card
Save Data	Button to save data in DB



(6) Lock Info

A menu for seeing collected lock information up to 40 by Lock Info Card.

	nfo							- 0	>
No.	Building No.	Lock No.	Lock Mode	Date/Tim e	Battery Status	Card No.	Channel	Кеу Туре	Us
1	1	1F-0001-01	Assign Mode	2020/01/21 17:16:32	Battery OK	734154D2	0	Fixed Key	S
	1	1F-0001-04	Assign Mode	2020/01/21 17:28:17	Battery OK	2FD BE5A5	0	Fixed Key	S
	1	1F-0001-00	Assign Mode	2020/01/22 13:37:05	Battery OK	046E91F21F1D80	0	Fixed Key	S
	1	1F-0001-01	Assign Mode	2020/01/22 13:37:58	Battery OK	734154D21F1D80	0	Fixed Key	S
	1	1F-0001-10	Assign Mode	2020/01/22 13:38:28	Battery OK	046E91F21F1D80	0	Fixed Key	S
	1	1F-0001-10	Assign Mode	2020/01/22 13:40:45	Battery OK	046E91F21F1D80	0	Fixed Key	S
	1	21F-0026-01	Assign Mode	2020/01/22 14:07:43	Battery OK	734154D21F1D80	12	Fixed Key	S
	1	1F-0002-00	Free Mode	2020/02/10 15:59:46	Battery OK	DE0052C0	0	Fixed Key	S
	1	1F-0002-00	Free Mode	2020/02/10 15:59:56	Battery OK	DE0052C0	0	Fixed Key	5

Battery OK 734154D2 0 Fixed Key Sector 6 8005 No N/A No Battery OK 2FDBE5A5 0 Fixed Key Sector 6 8005 No N/A No Battery OK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery OK 734154D21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery OK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery OK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery OK 734154D21F1D80 12 Fixed Key Sector 6 8011 No N/A No Battery OK DE0052C0 0 Fixed Key Sector 6 7260 No N/A No Battery OK DE0052C0 0 Fixed Key Sector 6 7260 No	Battery Status	Card No.	Channel	Key Type	Used Card S	ect FW Version	Time Limit	Time Limit O	peration
Battery DK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery DK 734154021F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery DK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery DK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery DK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery OK 734154021F1D80 12 Fixed Key Sector 6 8011 No N/A No Battery OK DE0052C0 0 Fixed Key Sector 6 7260 No N/A No	Battery OK	734154D2	0	Fixed Key	Sector 6	8005	No	N/A	No
Battery DK 734154D21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery OK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery OK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery OK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery OK 734154D21F1D80 12 Fixed Key Sector 6 8011 No N/A No Battery OK DE0052C0 0 Fixed Key Sector 6 7260 No N/A No	Battery OK	2FD BE5A5	0	Fixed Key	Sector 6	8005	No	N/A	No
Battery OK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery OK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery OK 734154D21F1D80 12 Fixed Key Sector 6 8011 No N/A No Battery OK DE0052C0 0 Fixed Key Sector 6 7260 No N/A No	Battery OK	046E91F21F1D80	0	Fixed Key	Sector 6	8011	No	N/A	No
Battery OK 046E91F21F1D80 0 Fixed Key Sector 6 8011 No N/A No Battery OK 734154D21F1D80 12 Fixed Key Sector 6 8011 No N/A No Battery OK DE0052C0 0 Fixed Key Sector 6 7260 No N/A No	Battery OK	734154D21F1D80	0	Fixed Key	Sector 6	8011	No	N/A	No
Brittery OK 734154D21F1D80 12 Fixed Key Sector 6 8011 No N/A No Battery OK DE0052C0 0 Fixed Key Sector 6 7260 No N/A No	Battery OK	046E91F21F1D80	0	Fixed Key	Sector 6	8011	No	N/A	No
Battery DK DE0052C0 0 Fixed Key Sector 6 7260 No N/A No	Battery OK	046E91F21F1D80	0	Fixed Key	Sector 6	8011	No	N/A	No
	Battery OK	734154D21F1D80	12	Fixed Key	Sector 6	8011	No	N/A	No
Battery OK DE0052C0 0 Fixed Key Sector 6 7260 No N/A No	Battery OK	DE0052C0	0	Fixed Key	Sector 6	7260	No	N/A	No
	Battery OK	DE0052C0	0	Fixed Key	Sector 6	7260	No	N/A	No



- ① Read a Lock Info Card on the lock to collect information of the lock.
- ② Put Lock Info Card on card reader(DE620) and click 'Read Lock Info Card' button to see the collected information.
 - Main Item Description

ltem	Description
No.	In the order that you collect it
Building No.	Building number
Lock No.	Lock number
Lock Mode	Free Mode, Assign Mode, Smart-Assign Mode
Date/Time	Date and time of lock scanning
Battery Status	Battery Ok or Battery Low
Card No.	CSN number of the card used on the lock
Channel	RF channel of the lock
Key type	Fixed key or Dynamic key
Used Card Sector	Mifare card sector in use
FW version	Firmware version of the lock
Time Limit	Time limit usage status
Time Limit Operation	Open or Close
2 ch:4	3 shift usage status
3 Shift	If you double click it, you can see the set time
Clear Data	Button to delete all lock information
Read Audit Trail Card	Button to read all lock information
Save Data	Button to save all lock information in DB



(7) Member Import/Export

A menu for importing/exporting user data from/to Excel file. Member ID, Name, Company, Building ID, Group ID, Lock ID, Password, Card number, Valid date, etc. can be imported/exported which are saved in 'Issue Membership Card'.

ID Name Company Lock ID Can Hub. Tel Made Date Omma = International Company 00025 2125 SIVAF 24422DF2 20191002173800-20991231235900 00035 2124 SIVAF 04631F21F1D 20191002073800-20991231235900 00104 0.82 SIVAF BED052C0 2019002173800-2091231235900 00105 2824 SIVAF AFF432D9 20190102083800-2091231235900 00106 2824 SIVAF AFC452D9 201901000000-2091231235900 0012 8424 SIVAF AFC452D9 201901000000-2091231235900 0012 8424 SIVAF AFC4578 20100011000000-2091231235900 0012 8424 SIVAF 20100011000000-2091231235900 0013 VERA SIVAF 20100011000000-2091231235900 0013 VERA SIVAF 20100011000000-2091231235900 0013 VERA SIVAF 20100011000000-2091231235990 0131 VERA SIVAF 20100011000000-2091231235990 1033 M27		File	Name : Member,xls			
Iner: Member of the function of the functic of the function of the functic of the function of th				import a	Export	
No. Colum No. Colu		Starting	Row No. : 2 Starting Column No	1	Delete the data after import	
Best H L <thl< th=""> <thl< th=""> <thl< th=""> <thl< th=""></thl<></thl<></thl<></thl<>			ltem : 📝 Member ID	🖌 Name 🖌 Company 🖌 Building 🖌 Gro	up 🖌 Lock No, 🖌 Passwort 🗸 Card No, 🖌 Gender 🖌 Vaild dat 🖌 Vaild dat 🖉 Tel	
Select All ID Name Compony Lock ID Card Mo. Tel Made Date (true = Lock) 00025 20195 SKMR 20442DR2 2019101273800-2099123125500 00035 2027 SKMR 20452D12 20190102173800-2099123125500 00040 0.92± SKMR BE0052C0 20190102173800-209123125500 00106 2827 SKMR BE0052C0 201901020300-209123125500 00106 2827 SKMR AFF43209 20190103083800-209123125500 00106 2827 SKMR AFF45209 20190103083800-209123125500 00113 292H2 SKMR AFF45209 20190100000-209123125500 00122 S424 SKMR AFF45209 201001000000-209123125590 00132 01924 SKMR AFF47698 201001000000-209123125590 00132 01924 SKMI/LIX EF0811E6 2010011000000-209123125599 00131 28H4 SKMI/LIX EF0811E6 2010011000000-209123125599 01031 29H2 SK			Column No. :	2 3 4 5	6 7 8 9 10 11 12	
ID Name Com pany Lock ID Cand Mo. Tel Nata Date Gram = Mo. 00025 2019 SIVMR 2042EDR2 20190102173800-2099123125500 00050 2027 SIVMR 046E01F21F1D 80 20190103083700-2099123125500 001040 0.93x SIVMR BE00S2C0 20190102173800-209123125500 00105 2834 SIVMR BE00S2C0 20190103083800-209123125500 00105 2834 SIVMR AF45209 20190103083800-209123125500 00132 9CPL SIVMR AF47928 201001000000-209123125500 00132 0192x SIVMR AF44798 201001000000-209123125500 00132 0192x SIVMITA EF0811E5 2010010100000-209123125599 00132 0192x SIVMITA EF0811E5 2010010100000-209123125599 0100271 4248 SIVMITA EF0811E5 2010010100000-209123125599 01033 707 SIVMITA EF0811E5 2010010100000-209123125599 01041 VTAM SIVMITA EF0811	o					
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103< 체진기				EF0811E6		
104 박재철 5K01노범0/년 201001000000-2093123125595 106 정국 5K01노범0/년 2010011000000-2093123125595 107 청주영 5K01노범0/년 2010011000000-2093123125595 108 박재현 5K01노범0/년 2010011000000-2093123125595 113 양유리 5K01노범0/년 201001000000-2093123125595 118 정관소 5K01노범0/년 20100101000000-2093123125595						
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107 정주영 SK01노베01년 201001000000-20931231259593 108 내체현 SK01노베01년 2010011000000-20931231259593 113 양우리 SK01노베01년 20100101000000-20931231259593 118 정광소 SK01노베01년 20100101000000-20931231259593						
108 비례선 SK01노범0/년 2010010100000-2098123125959 113 양유리 SK01노범0/년 2010011000000-2098123125959 116 동왕소 SK01노범0/년 20100101000000-20981231259595						
113 양유리 SK01노베이션 2010010100000-20991231235959 116 정광호 SK01노베이션 20100101000000-20991231235959						
- 118 정광호 SKDI노베이션 2010010100000~20991231235959						
		성광호 윤석호	SKUI노베이션 SKUI노베이션		20100101000000~20991231235959 20100101000000~20991231235959	

- Import
 - 1 $% \label{eq:matrix}$ Member information must be filled in Excel file in set format.
 - ② Click '___' button and select an Excel file to import.

👔 Open						×		
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Organize 👻 Ne	v folder				EE • 🔲	•		
🚽 공유물더	* ^	Name	Date modified	Туре	Size			
😻 Dropbox		Configuration	1/31/2020 3:50 PM	File folder				
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OneDrive		DB_Backup	1/31/2020 3:47 PM	File folder			9 10 11 12	
💻 This PC		- Images	1/31/2020 3:50 PM	File folder				
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Music							231235900	
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106	장정국	SK01노베이션			201001010000			
107	정주명	SK미노베이션			201001010000	00~2099	91231235959	
108	박과현	SK01노베이션			201001010000			
113	양유리	SKOI노베이션			201001010000			
118	정광호 윤석호	SK미노베이션			201001010000	00~2099	91231235959	

③ Click 'Import' button.



- Export
 - 1 Write file name and file extension (.xls / .xlsx).
 - ② Selcet the date you want to export from the list, and click 'Export' button.

		File M	Name : Member,xls										[
					Marine Import	1	Export						
		Starting F	Row No. : 2 Starting Colu	mn No. 1			Z Delete the data after i	import					
			Item : 📝 Memb	er ID 🕢 🔽 Name	🖌 Company 🖌 Building	Group	Z Lock No. 🗸 Password	Card No.	Z Gender	🗸 Vaild dat	✔ Vaild dat	✔ Tel	
			Column No, :	2	3 4	5	6 7	8	9	10	11	12	
Cal	ect All												
Set	ID	Name	Com pany	Lock ID	Card No.	Tel	Val	lid Date (from	to)				
•	00025	김인동	SKMB	LOCK ID	2B4E2DB2	101	201901021738						
1	00035	김연규	SKMB		046E91F21F1D		201901030837	200-20001221	225000				
					80								
]	00040	이원호	SKMR		BE0052C0 041D82F21F1D		201902251003						
]	00103	채진기	SKMR		80		201901021738	300~20991231	235900				
	00106	장정국	SKMR		AFF432D9		201901030836						
]	00113	양유리	SKMR		AFC9E5A5		201901030839						
]	00122	윤석호	SKMR		EF47EF98		201001010000						
]	00132	이영원	SK에어가스		AF4AF098		201001010000						
]	002002	김수영	SKI				201809101439						
]	09113	엄태목	SK에너지		EF0811E6		201001010000						
]	1000271	송현종	SUPEX추구협의회 SKDI노베이션										
]	103 104	채진기 박재철	SKUI도베이션 SKUI도베이션				201001010000						
]	104	약세월 장정국	SK미노베이션				201001010000						
1	105	양양국 정주영	SK01±m012				201001010000						
1	107	상무장 박쾌현	SK01±m012				201001010000						
) I	113	역체인 양유리	SK01±m012				201001010000						
1	118	정광호	SKOLEHOLA				201001010000						
1	122	88보 윤석호	SK미노베이션				201001010000						
	166	292	21(0) 1000				201001010000						

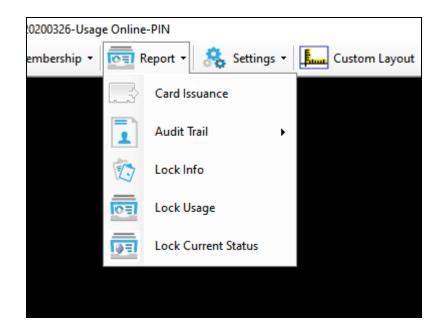
③ The file will be saved in the folder you download Client program.

PTULTRAOnlineClientPro	PIN			
File Home Share View				
$\leftarrow \rightarrow \checkmark \uparrow \square \rightarrow$ This PC \rightarrow Loca	al Disk (D:) > Passtech Co., Ltd >	07. Software > 01. Locker Lo	ock > 03. E-Smart Plus+ > 0	03. Client > PTULTRAOnlineClientProl
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🖈 Quick access	Name	Date modified	Туре	Size
Passtech Co., Ltd	Configuration	1/31/2020 3:50 PM	File folder	
-	Database	1/31/2020 3:47 PM	File folder	
04. Weekly Sales Report	Z DB_Backup	1/31/2020 3:47 PM	File folder	
03. Customers	🖈 🔚 Images	1/31/2020 3:50 PM	File folder	
송은비	🖈 🔚 Language	1/31/2020 3:50 PM	File folder	
📙 Kimaldi	🖈 🔤 Layout	1/31/2020 3:50 PM	File folder	
Kupan	💉 📙 Sound	1/31/2020 3:50 PM	File folder	
TRITON	Arrow.cur	7/23/2017 4:30 PM	Cursor File	1 KB
05. Products	client config.ini	2/10/2020 5:27 PM	Configuration settings	10 KB
	CompanyLogo.png	6/1/2016 1:31 PM	PNG File	15 KB
06. Price table	🖈 📃 DigiClock.cur	8/22/2017 2:00 PM	Cursor File	1 KB
07. Software	🖈 🗟 DualCardDll.dll	8/18/2017 2:34 PM	Application extension	522 KB
08. Sales Settlement	🖈 🖉 DualCardDll.lib	8/18/2017 2:34 PM	LIB File	30 KB
2019 스마트이락 홈페이지	💉 📫 Ellipse.cur	6/26/2004 10:24 PM	Cursor File	1 KB
	FC200.dll	1/21/2020 6:24 PM	Application extension	153 KB
- 공유폴더	GAp.cur	8/18/2018 2:14 PM	Cursor File	1 KB
T OTEN	GDoors.cur	7/23/2017 1:01 PM	Cursor File	1 KB
🗦 Dropbox	😻 GLocks.cur	8/21/2017 9:49 AM	Cursor File	1 KB
OneDrive	GWindows.cur	8/21/2017 9:45 AM	Cursor File	1 KB
- OTEDINE	LEDNumber.cur	8/22/2017 5:56 PM	Cursor File	1 KB
💻 This PC	🏪 Line.cur	6/29/2004 2:40 PM	Cursor File	1 KB
🗊 3D Objects	Member.xls	2/10/2020 6:42 PM	Microsoft Excel 97-2003	. 3 КВ
Desktop	MySql.Data.dll	8/7/2018 1:12 PM	Application extension	415 KB
	Newtonsoft.Json.dll	10/31/2019 1:21 PM	Application extension	660 KB



7. Report

1) Menu List



2) Main Item Description

Button	Description
Search	Button to search
Preview	Button for print preview
Print	Button to print out
Excel	Button to expert DB to Excel
Preview	Button for layout preview



3) Inquiry Report

(1) Card Issuance

A menu for making an inquiry into card issuance within a given period, and printing it out.

					>
Information					
	Option 💿 Sele	ct All 🛛 🔿 S	Select Group		
Grou	up Name Group	1 ~	Lock No. 1	* ~ 1 *	
Date (from~to) 1/ 1/2	020 🔍 ~ 2/	10/2020		
Date (10/ 2020		
	Search	Preview	4	Print E	xport
Date of issue	Member ID	Name	Card No.	Valid Date (from)	Valid Date
020/01/15 16:39:19	219122000001	Song	7A5BD739	2010/01/01 00:00:00	2099/12/31 23:5
020/01/15 16:39:55	219122000005	Hong	131E54D2	2010/01/01 00:00:00	2099/12/31 23:5
020/01/15 16:44:40	219122000008	Thomas	131E54D2	2010/01/01 00:00:00	2099/12/31 23:8
020/01/15 16:47:13	219122000008	Thomas	131E54D2	2010/01/01 00:00:00	2099/12/31 23:5
020/01/21 09:57:29			6E1352C0	2010/01/01 00:00:00	2099/12/31 23:
020/02/10 15:31:17	219122000001	Song	6E1352C0	2010/01/01 00:00:00	2099/12/31 23:
020/02/10 15:43:26	219122000001	Song	6E1352C0	2010/01/01 00:00:00	2099/12/31 23:

- ① Select a group (or all) and lock number range you want to inquire.
- ② Select the date, and click 'Search' button to see the history.

Item	Description
Option	Select All or Group
Group Name	Choose a group to inquire
Lock No.	Lock number range to inquire (From~ to~)
Date (From-To)	Date to inquire
Date of issuance	Card issue date

- Main Item Description



Member ID	ID registered in DB
Name	Name of card holder
Card No.	Card CSN number
Valid Date (From)	Card valid date (From)
Valid Date (To)	Card valid date (To)

③ Click 'Preview' button to see print preview, and click 'Print' button to print it out if you need.

💀 Print preview							_		×
# P • B 🗉 🖷	Close							Page	1
	PASS TECH	Passtech							
				Card Issuan	ce		-		
	Search Date :2020/01		2/10 23:59:59				-		
	Print Date :2020/02/10 Date/Time	Member ID	Name	Card No.	Valid Date (from)	Valid Date (to)	-		
	2020/01/15 16:39:19 2020/01/15 16:39:55 2020/01/15 16:44:40 2020/01/15 16:47:13 2020/01/21 09:57:29 2020/02/10 15:31:17 2020/02/10 15:43:25	21912200001 21912200005 21912200008 21912200008 21912200008 21912200001 21912200001	Song Hong Thomas Thomas Song Song	7A5BD739 131E54D2 131E54D2 131E54D2 6E1352C0 6E1352C0 6E1352C0	2010/01/01 00:00:00 2010/01/01 00:00:00 2010/01/01 00:00:00 2010/01/01 00:00:00 2010/01/01 00:00:00 2010/01/01 00:00:00 2010/01/01 00:00:00	2099/12/31 23:59:00 2099/12/31 23:59:00 2099/12/31 23:59:00 2099/12/31 23:59:00 2099/12/31 23:59:00 2099/12/31 23:59:00 2099/12/31 23:59:00	-		
	1Page						-		

④ You can also export the history by clicking 'Export' button.



(2) Audit Trail

A menu for making an inquiry into lock usage, and print it out.

- Online Audit Trail

Online Audit Trail							
Information							
	Option Select All	 Select 	Group				
		_		A 1 A			
Giro	up Name Group 1	Lo	ck No. 1	÷ ~ 1 ÷			
Date (from~to) 1/ 1/2020 🔲	🔻 7:05:00 PM 📑	~ 2/10/2020	7:05:00	PM 😫		
					V		
	Search	Preview	4	Print	Export		
	1.100						
101	al :122						
Date/Tim e	Building	Group	Lock No.	Position	Card No.	Member Name	Lock Status
20/01/10 18:03:40	E-Smart Lock	Group 4	3				Latch Error open
20/01/15 16:18:39	E-Smart Lock	Group 4	5		03C0B0B3		Using a card open
20/01/15 16:20:03	E-Smart Lock	Group 4	3				Using a card open
	E-Smart Lock	Group 4	4				Remote control open
	E-Smart Lock	Group 4 Group 4	4 4				Remote control open
20/01/15 16:20:24			4 4 5				
20/01/15 16:20:24 20/01/15 16:20:37	E-Smart Lock	Group 4	4 4 5 1		7A5BD739		Remote control open
20/01/15 16:20:24 20/01/15 16:20:37 20/01/15 16:22:32	E-Smart Lock E-Smart Lock	Group 4 Group 4	4 5 1 1		7A5BD739 7A5BD739		Remote control open Remote control open
20/01/15 16:20:24 20/01/15 16:20:37 20/01/15 16:22:32 20/01/15 16:22:37	E–Smart Lock E–Smart Lock E–Smart Lock	Group 4 Group 4 Group 4	4 5 1 1 2				Remote control open Remote control open Using a card close
20/01/15 16:20:24 20/01/15 16:20:37 20/01/15 16:22:32 20/01/15 16:22:37 20/01/15 16:22:38	E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock	Group 4 Group 4 Group 4 Group 4	1				Remote control open Remote control open Using a card close Using a card open
20/01/15 16:20:24 20/01/15 16:20:37 20/01/15 16:22:32 20/01/15 16:22:37 20/01/15 16:22:38 20/01/15 16:22:38 20/01/15 16:22:39	E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock	Group 4 Group 4 Group 4 Group 4 Group 4	1 1 2		7A5BD739		Remote control open Remote control open Using a card close Using a card open Remote control open
20/01/15 16:20:24 20/01/15 16:20:37 20/01/15 16:22:32 20/01/15 16:22:37 20/01/15 16:22:37 20/01/15 16:22:38 20/01/15 16:22:39 20/01/15 16:22:47	E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock	Group 4 Group 4 Group 4 Group 4 Group 4 Group 4	1 1 2 2		7A5BD739 5ECF51C0		Remote control open Remote control open Using a card close Using a card open Remote control open Using a card close
20/01/15 16:20:24 20/01/15 16:20:37 20/01/15 16:22:32 20/01/15 16:22:37 20/01/15 16:22:37 20/01/15 16:22:38 20/01/15 16:22:39 20/01/15 16:22:47 20/01/15 16:22:52	E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock	Group 4 Group 4 Group 4 Group 4 Group 4 Group 4 Group 4 Group 4	1 1 2 2 3		7A5BD739 5ECF51C0 131E54D2		Remote control open Remote control open Using a card close Using a card open Remote control open Using a card close Using a card close
20/01/15 16:20:24 20/01/15 16:20:24 20/01/15 16:20:37 20/01/15 16:22:32 20/01/15 16:22:33 20/01/15 16:22:33 20/01/15 16:22:47 20/01/15 16:22:47 20/01/15 16:22:39 20/01/15 16:23:39 20/01/15 16:23:41	E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock	Group 4 Group 4 Group 4 Group 4 Group 4 Group 4 Group 4 Group 4 Group 4	1 1 2 2 3 3		7A5BD739 5ECF51C0 131E54D2		Remote control open Remote control open Using a card close Using a card open Remote control open Using a card close Using a card close Using a card open
20/01/15 16:20:24 20/01/15 16:20:37 20/01/15 16:22:32 20/01/15 16:22:37 20/01/15 16:22:38 20/01/15 16:22:39 20/01/15 16:22:47 20/01/15 16:22:42 20/01/15 16:23:39 20/01/15 16:23:34	E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock	Group 4 Group 4	1 1 2 2 3 3		7A5BD739 5ECF51C0 131E54D2		Remote control open Remote control open Using a card close Using a card open Remote control open Using a card close Using a card close Using a card open Remote control open Remote control open
20/01/15 16:20:24 20/01/15 16:20:37 20/01/15 16:22:32 20/01/15 16:22:32 20/01/15 16:22:38 20/01/15 16:22:39 20/01/15 16:22:47 20/01/15 16:22:52 20/01/15 16:22:52	E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock E-Smart Lock	Group 4 Group 4 Group 4 Group 4 Group 4 Group 4 Group 4 Group 4 Group 4 Group 4	1 1 2 3 3 3 1		7A5BD739 5ECF51C0 131E54D2 131E54D2		Remote control open Remote control open Using a card close Using a card open Remote control open Using a card close Using a card close Using a card open Remote control open

- ① Select a group (or all group) and lock range to inquire.
- 2 Choose the period of lock usage you want to request, and click 'Search' button.
 - Main Item Description

Item	Description
Option	Select All or Group
Group Name	Choose group to inquire
Lock No.	Lock number range to inquire
Date (From~To)	Date to inquire
Date/Time	Date of lock usage
Building	Building number
Group	Group number
Lock No.	Lock number
Card No.	Card CSN number



Member Name	Name of the card holder
Lock Status	Lock operation status
Battery Status	Battery OK or Low
Used Card	Card in use

③ Click 'Preview' button to see print preview, and click 'Print' button to print it out if you need.

Close	-	-	-					
	Pass	tech						
PASS TECH								
	Phone :							
				On	line Audit	Trail		
Search Date :2020/01	/01 19:18:	09 - 2020/02/1	0 19:18:0	9				
Print Date :2020/02/10	19:18:17							
Date/Time	Group	Lock No.Can	d No.	Member ID	Member Name	Lock Status	Used Card	Battery Status
2020/01/10 18:03:40	0004	3 -				Latch Error open	Latch Error open	Battery OK
2020/01/15 16:18:39 2020/01/15 16:20:03	0004	5 03C	OB0B3	-	-	Using a card open Using a card open	Using a card open Using a card open	Battery OK Battery OK
2020/01/15 16:20:24	0004	4 -		-	-	Remote control open	Remote control open	Battery OK
2020/01/15 16:20:24	0004	4 -		-		Remote control open	Remote control open	Battery OK
2020/01/15 16:20:37 2020/01/15 16:22:32	0004	5 - 1 7A5	BD739	-		Remote control open Using a card close	Remote control open Using a card close	Battery OK Battery OK
2020/01/15 16:22:32	0004		BD739			Using a card open	Using a card open	Battery OK
2020/01/15 16:22:38	0004	2 -		-	-	Remote control open	Remote control open	Battery OK
2020/01/15 16:22:39	0004		F51C0	-	-	Using a card close	Using a card close	Battery OK
2020/01/15 16:22:47 2020/01/15 16:22:52	0004		E54D2 E54D2	-	-	Using a card close Using a card open	Using a card close Using a card open	Battery OK Battery OK
2020/01/15 16:23:39	0004	3 -	E04DZ	-		Remote control open	Remote control open	Battery OK
2020/01/15 16:23:41	0004	1 -				Remote control open	Remote control open	Battery OK
2020/01/15 16:27:40	0004		OB0B3	-		Using a card open	Using a card open	Battery OK
2020/01/15 16:27:50 2020/01/15 16:27:55	0004		0B0B3 0B0B3	-		Using a card open Using a card open	Using a card open Using a card open	Battery OK Battery OK
2020/01/15 16:27:55 2020/01/15 16:28:13	0004		BE6A5	-		Using a card open Using a card close	Using a card open Using a card close	Battery OK
2020/01/15 16:28:13	0004		BE6A5			Using a card open	Using a card open	Battery OK
2020/01/15 16:28:19	0004	2 432	BE6A5	-		Using a card close	Using a card close	Battery OK
2020/01/15 16:28:21	0004		BE6A5	-	-	Using a card open	Using a card open	Battery OK
2020/01/15 16:28:25 2020/01/15 16:28:31	0004		E54D2 BD739	-	-	Using a card close Using a card close	Using a card close Using a card close	Battery OK Battery OK
2020/01/15 16:28:31 2020/01/15 16:28:36	0004		BD739 BD739			Using a card close Using a card open	Using a card close Using a card open	Battery OK Battery OK
2020/01/15 16:28:44	0004		E54D2			Using a card open	Using a card open	Battery OK
2020/01/15 16:28:48	0004	3 131	E54D2	-		Using a card close	Using a card close	Battery OK
2020/01/15 16:29:09	0004		E54D2	-	-	Using a card open	Using a card open	Battery OK
2020/01/15 16:29:13 2020/01/15 16:29:17	0004		E54D2 E54D2	-		Using a card close Using a card open	Using a card close Using a card open	Battery OK Battery OK
2020/01/15 16:29:17 2020/01/15 16:29:22	0004		E54D2 E54D2	-	-	Using a card open Using a card close	Using a card open Using a card close	Battery OK Battery OK
1Page								

④ You can also export the history by clicking 'Export' button.



- Offline Audit Trail

The history collected by Audit Trail Card, and saved in 'Member-Audit Trail' are shown here.

Select Info,						
0	ption : 🖲 Select all	🔾 Select G	roup			
6	iroup: G1	 Lock 	No : 1	₽ ~ 1	*	
					•	
Date(From	n~To) 10/21/2019					
	Search	Preview	4	Print		Excel
TRX date	Bu	ild Group	Lock No.		Name	Card No.
019-10-21 15:32:12	Test	0001	0045			EEBC51C0
019-10-21 15:32:28	Test	0001	0045			03C0B0B3
019-10-21 15:34:05	Test	0001	0045	Song		6E7B52C0
019-10-21 15:34:09	Test	0001	0045	Song		6E7B52C0
019-10-21 15:34:48	Test	0001	0045	Song		6E7B52C0
013 10 21 13/34/40						
019-10-21 15:34:51	Test	0001	0045	Song		6E7B52C0
	Test Test	0001 0001	0045 0045	Song		6E7B52C0 03C0B0B3
019-10-21 15:34:51				Song Song		
2019-10-21 15:34:51 2019-10-21 15:35:24	Test	0001	0045	-		03C0B0B3
2019-10-21 15:34:51 2019-10-21 15:35:24 2019-10-21 15:35:47	Test Test	0001 0001	0045 0045	Song		03C0B0B3 6E7B52C0
019-10-21 15:34:51 019-10-21 15:35:24 019-10-21 15:35:47 019-10-21 15:35:51 019-10-21 15:35:55	Test Test Test	0001 0001 0001	0045 0045 0045	Song Song		03C0B0B3 6E7B52C0 6E7B52C0
019-10-21 15:34:51 019-10-21 15:35:24 019-10-21 15:35:47 019-10-21 15:35:51	Test Test Test Test	0001 0001 0001 0001	0045 0045 0045 0045 0045	Song Song Song		03C0B0B3 6E7B52C0 6E7B52C0 6E7B52C0
2019-10-21 15:34:51 2019-10-21 15:35:24 2019-10-21 15:35:47 2019-10-21 15:35:51 2019-10-21 15:35:55 2019-10-21 15:37:03	Test Test Test Test Test	0001 0001 0001 0001 0001	0045 0045 0045 0045 0045 0045	Song Song Song Song		03C0B0B3 6E7B52C0 6E7B52C0 6E7B52C0 6E7B52C0 6E7B52C0
2019-10-21 15:34:51 2019-10-21 15:35:24 2019-10-21 15:35:47 2019-10-21 15:35:51 2019-10-21 15:35:55 2019-10-21 15:37:03 2019-10-21 15:37:06	Test Test Test Test Test Test	0001 0001 0001 0001 0001 0001	0045 0045 0045 0045 0045 0045 0045	Song Song Song Song Song		03C0B0B3 6E7B52C0 6E7B52C0 6E7B52C0 6E7B52C0 6E7B52C0 6E7B52C0
019-10-21 15:34:51 019-10-21 15:35:24 019-10-21 15:35:47 019-10-21 15:35:51 019-10-21 15:35:55 019-10-21 15:37:06 019-10-21 15:37:10	Test Test Test Test Test Test Test	0001 0001 0001 0001 0001 0001	0045 0045 0045 0045 0045 0045 0045	Song Song Song Song Song Song		03C08083 6E7852C0 6E7852C0 6E7852C0 6E7852C0 6E7852C0 6E7852C0 6E7852C0

- ① Select a group (or all group) and lock range to inquire.
- 2 Choose the period of lock usage you want to request, and click 'Search' button.
- Main Item Description

Item	Description
Option	Select All or Group
Group	Choose group to inquire
Lock No.	Lock number range to inquire
Date (From~To)	Date to inquire
Date/Time	Date of lock usage
Building	Building number
Group	Group number
Lock No.	Lock number
Name	Name of the card holder
Card No.	Card CSN number



(3) Lock Info

A menu for making an inquiry into lock information, and print it. The information collected by Lock Info Card and saved in 'Member-Lock Info' is shown here.

S	Gelect Info,					
	Option :	 Select All 	⊖ Building	I		
	Building :	Test	\sim			
	Date(From~To)	9/23/2019				
	Search		Preview	Print	Excel	
۱o.	Date	Lock No.	Mode	Time	Battery Status	
	2019/10/22 17:39:13	1F-0004-00	Assigned Mode	2019-10-02 15:33:42	Battery OK	
	2019/10/22 17:39:13 2019/10/22 17:39:13	1F-0007-00 1F-0002-00	Assigned Mode Assigned Mode	2019-10-02 15:34:09 2019-10-08 11:59:15	Battery OK Battery OK	
	2019/10/22 17:39:13	1F-0045-00	Assigned Mode	2019-10-22 17:39:02	Battery OK	

- ① Select a building (or all) and date to inquire.
- ② Click 'Search' button to call the saved lock information.
 - Main Item Description

Item	Description
No.	In the order that you collect it
Date	Date to inquire (From~To~)
Lock No.	Number of the lock
Mode	Free Mode, Assign Mode, Smart-Assign Mode
Time	Time of Lock Info Card scanning
Battery Status	Battery OK or Low





Card No.	Used card CSN number
Channel	RF channel of the lock
Кеу Туре	Fixed key or Dynamic key
Used Card Sector	Occupied sector of the card
FW Version	Firmware version
Time Limit	Time Limit usage status
Time Limit Operation	Open or Close
3 Shift	3 Shift usage status

③ Click 'Preview' button to see print preview, and click 'Print' button to print it out if you need.

🖳 Print	preview													×
@ 🔎 •		• 8 =	Close										Page	1
				Issuer										
		PASS	TECH	Phone :										
						Loc	ck Info							
		Search Dat	te :2020/03	3/27 00:00:00 -	2020/03/27 23:5									
		Print Date :	2020/03/2	7 18:47:00										
		Date		Lock No.	Lock Mode	Time	Battery Status	Card No.	Channel	FW Version	Time Limit	3 Shift		
		2020/03/2	7 18:47:36	1F-0011-	Free Mode	2020-03-19 13:25:20	Battery OK	6E7B52C0	18	0207	No	No		
		1Page												
	[

④ You can also export the history by clicking 'Export' button.



(4) Lock Usage

A menu for checking which lock has been used and has not been used within a given period.

📅 Lock Usage						\times
Information						
		Option Select Al	I O Select (Group		
		·	-			
	Gi	roup Name E-Smart Lo	ick v Group	1 ~		
	Uni	used since 1/ 1/2020				
		Search		Export		
Group	Lock No.	Last Use Date	Member ID	Com pany Nam e	Member Nam	e ^
Group 4	0006					
Group 4	0007					
Group 4	0008					
Group 4	0009					
Group 4	0010					
Group 2	0001					
Group 2	0002					
Group 2	0003					
Group 2	0004					
Group 2	0005					
Group 2	0006					
Group 2	0007					
Group 2	0008					
Group 2	0009					
Group 2	0010					
Group 1	0001	2019/12/20 10:54:53				
Group 1	0002	2019/12/20 10:55:12				
Group 1	0003		219122000001	Passtech	Song	~
<						>

- ① Select a group (or all) and date to check.
- ② Click 'Search' button to see the history.
 - Main Item Description

Item	Description
Option	Select All or Group
Group Name	Choose a group to inquire
Unused since	The starting date of unused period
Group	Group number
Lock No.	Lock number
Last Use Date	The last date a lock is used
Member ID	Member ID registered in DB



Company Name	Company name registered in DB
Member Name	Member name registered in DB
Card No.	Card CSN number
Valid Date (From)	Valid date of the card (From)
Valid Date (To)	Valid date of the card (To)

 $\ensuremath{\mathfrak{I}}$) You can also export the history by clicking 'Export' button.

TTT Save As						Х
\leftarrow \rightarrow \checkmark \uparrow \square \ll Doc \rightarrow N	EW_ULTRA_OnlineClient_PRO_S	TD_PIN_Setup_V3000_Building_Release_20200	326 v Ö	Search NEW_UL	.TRA_OnlineCli.	م
Organize 👻 New folder						?
This PC	Name	Date modified	Туре	Size		
3D Objects	Configuration	3/27/2020 11:04 AM	File folder			
Desktop	BB_Backup	3/27/2020 11:09 AM	File folder			
Documents	- Images	3/27/2020 11:04 AM	File folder			
Downloads	Language	3/27/2020 11:04 AM	File folder			
	Layout	3/27/2020 11:04 AM	File folder			
J Music	Sound	3/27/2020 11:04 AM	File folder			
Pictures	🗐 Member.xls	3/27/2020 6:02 PM	Microsoft Excel 97	2 KB		
Videos						
🏪 Local Disk (C:)						
🕳 Local Disk (D:)						
Artwork						
- Network						
~						
File name: Lock Usage						~
Save as type: Issued File (*.xls	s)					\sim
∧ Hide Folders				Save	Cance	l I



(5) Lock Current Status

A menu for checking current status of lock.

Information						
	Opti	ion 💿 Select All	🔿 Select Grou	p		
	Group Nar	me E-Smart Lock	 ✓ Group 1 	\sim		
		Search		Export		
Building	Group	Lock No.	Position	Member Id	Member Name	c
E-Smart Lock E-Smart Lock	Group 1	0001				
-Smart Lock	Group 1	0002				
- Smart Lock	Group 1	0003				
-Smart Lock	Group 1	0004				
-Smart Lock	Group 1	0005				
-Smart Lock	Group 1	0006				
-Smart Lock	Group 1	0007				
-Smart Lock	Group 1	0008				
-Smart Lock	Group 1	0009				
-Smart Lock	Group 1	0010				
-Smart Lock	Group 2	0001				
-Smart Lock	Group 2	0002				
-Smart Lock	Group 2	0003				
	Group 2	0004				
:-Smart Lock		0005				
	Group 2	0000				
E-Smart Lock E-Smart Lock E-Smart Lock	Group 2 Group 2	0006				

- ① Select a group (or all) to check current status of the locks in the group.
- 2 Click 'Search' button to see the information.
 - Main Item Description

Item	Description
Option	Select All or Group
Group	Choose a group to inquire
Building	Building name
Group	Group number
Lock No.	Lock number
Position	Current lock position
Member ID	Member ID registered in DB

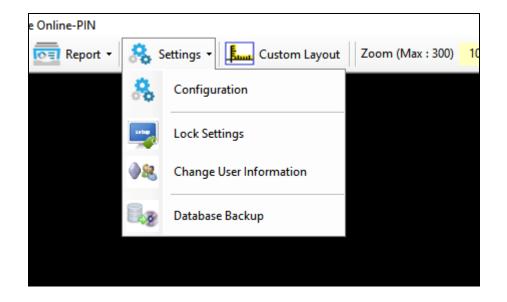


Member Name	Member name registered in DB
Company Name	Company name registered in DB
Card No.	Card CSN number
Last Update	The date of last use
Valid (From)	Valid date of the card (From)
Valid (To)	Valid date of the card (To)



8. Settings

1) Menu List



2) Configuration

A menu for managing configuration such as DB connection URL, Logo image, etc.

<i>\$</i>	×
DB Connect String 192.168.0.52.1433 DB Connect ID sa Connect Test DB Connect PWD ******** Language III Language Name English English English English English III Erglish English III Erglish Erglish III Erglish Erglish III Erglish III Erglish Erglish III Erglish III Erglish III Erglish IIII IIIII Erglish IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Card Issuance Ø Do not change Destire M-Key Issue STD Mode Card Ø Do not change Destire permission Issue CSN Mode Card Ø Do not change Destire permission Heport Ø Lase Fixed Key (Desfire) Date type MM/DD/YYYY DD/MM/YYYY Image Destire Matter Key View Icon Alt-Ion.png AltLicon Ali-01.png
Maximum Year 2099 Name Font Size 12 Default Lock No. 3939 Show Location instead of Lock No. 12 Warm Send user info, after card issue On/Off 0n/Off Layout/Control Tab Display user name Image: All Building (from ~ to) 1 + 1 + 1 + 1 + 2 + 1 + 2 + 1 + 2 + 1 + 2 + 1 + 2 + 2	Group Icon Group.01.png Rey Cald Type of Lockr.001 Locker.01.png Login/Main Login/Main Login/Title Image LoginTitleImage.png Main Back Image BackImage.png Main Title Image TitleBarCompany.png Screen Size(W/H) 1480 900
Make	configuration file



- Main Item Description

Group	Item	Description		
	DB Connect String	Input Server IP address, 1433		
DB	DB Connect ID	sa		
Connection	DB Connect PWD	Passtech (or the password you specified)		
	Connect Test	Check DB connection		
	Language Name	Korean, English, etc.		
	Current Language	A language file you are using now		
Language	File	A language me you are using now		
	ADD	Select Language file and add		
	DEL	Select Language file and delete		
	Maximum Year	The maximum of year for unlimited (Default: 2099)		
Max	Maximum Lock No.	The lock number on a card when you issue the card without		
	Maximum Lock NO.	assigned lock number (Default: 9999)		
	Show Location	Select a checkbox to indicate a location (N, S, E, W) instead of		
Mada	instead of Lock No.	lock number.		
Mode	Apply to card issue	Use maximum year as default when issuing a card		
	Name Font Size	Choose font size of the user name showing in the layout		
	Name Font Size	monitoring (Size 5~20)		
	Send User Info. after	Conducer information to a lock ofter card issue		
	Card Issue	Send user information to a lock after card issue		
Layout / Control	All Building / Building (from ~ to)	Show all buildings or selected buildings on monitoring		
Tab	Display user name	Display user name on monitoring layout		
	Alarm Sound File	Add sound file for lock alarm		
Alarm	Alarm On/Off	Check to on/off alarm sound		
Onenting	Free Mode Type	Standard Free Mode / Multi-Lock per group		
Operation	Assista Marda Tura	Standard Assign Mode / Assign after Master Card 1 / Assign		
Туре	Assign Mode Type	based on Lock No. / Assign based on Card No.		
		Issue STD Mode Card		
Card		➔ Select when issuing a user card by default		
Card	Mode Selection	Issue CSN Mode Card		
Issuance		→ Select when the locks are set in CSN mode and the system		
		only reads the CSN of the card for register in database		



Report	Date type	YYYY/MM/DD, MM/DD/YYYY, DD/MM/YYYY
Керон	Logo	Choose a logo image for report
	ALL Icon	Choose an 'ALL' icon shown on monitoring
Tree-View	Group Icon	Choose an 'Group' icon shown on monitoring
	Lock Icon	Choose an 'Lock' icon shown on monitoring
	Login Back Image	Choose a background image shown on login screen
	Login Title Image	Choose a title image shown on login screen
Login / Main	Main Back Image	Choose a background image shown on monitoring
Main	Main Title Image	Choose a title image shown on tab menu
	Screen Size (W/H)	Size of screen (Default: 1400x900)
	Do not change	If colort Desfire Master Kay door not shange
	Desfire M-Key	If select, Desfire Master Key does not change
	Do not change	If coloct Desfire Permission does not change
	Desfire permission	If select, Desfire Permission does not change
Use Fix	Use Fixed Key	Select to use data file as Fixed key
	(Desfire)	Select to use data file as fixed key
Desfire	Default Root Key	Input Root Key(Desfire, HEXString)
Card	(Desfire, HEXString)	Default: 000000000000000000000000000000000000
	Create APP-ID	Input 6 digits of APP-ID(HEXString 6)
	(HEXString 6)	Default: 000001
	Default Desfire	Select to use AES128 Desfire Master Key
	Master Key	Select to use ALST20 Desilie Master Key
	Key Card Type (HEV)	Input the Key Card Type of Value (HEX)
	Key Card Type (HEX)	Default: 01



3) Lock Settings

Lock Settings	
Joperation Setting TD v Free Mode v Half-Cycle v Latch Time 2.5 sec Multi-User Cnt 1 v Mode Type Free Mode-1(STD) Lock Sound Disable In-use Lamp Blinking when occupied v Master Code Open door & Delete PWD v Vendor / Customer ID 001 (Clear:FFFFFF Owner Card 238F7DB2 Read Time Based Operation Time Limit Open automatically v after 1hour v LED On	✓ Encription On ✓ ✓ Smart Wake-up On ✓ HH 0 ✓ Minute 0 ✓ ✓ User Card Check Online Whitelist ✓
ALL V FF:FF FF:FF FF:FF SET DEL	AP Name AP1(1F 1 - 50)
Sunday FF:FF FF:FF FF:FF	Setting Data DB Save
Monday FF:FF FF:FF FF:FF	Setting
Tuesday FF:FF FF:FF FF:FF	Setting Setup Card
Wednesday FF:FF FF:FF Thursdav FF:FF FF:FF	
Friday FF:FF FF:FF	Send Lastest Lock Settings
Saturday FF:FF FF:FF	Load Setting Value Load Default Data

A menu for sending command for lock setting online.

(1) Operation Settings

Operation Settings		
STD - Free Mode		Latch Time 2,5 sec √
Multi-User Cnt 1	 Mode Type Standard Fre 	ee Mode 🔹 👻
🖂 Lock Sound	Nomal -	
🖂 In-use Light	Blinking when occupied 🛛 👻	
🗹 Master Code	Open door & Delete PWD 👻 🔹	***** 💿 (Clear:FFFFF)
	open door & belete PWD +	

- ① Select 'Operation Settings' checkbox to activate.
- ② Select a lock operation mode.
 - STD (Standard Mode) or CSN (Chip Serial Number Mode)
 - Free / Assign / Smart Assign Mode
 - Latch Half-cycle Locker / Full-cycle Locker
 (Free Mode operates only Half-cycle, and Assign Mode operates both Half-cycle and Full-cycle)

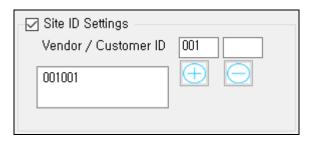


- Latch time: 2.5 secs / 5 secs / 10 secs (Full-Cycle Mode only)
- Multi-User: Up to 5 (Assign Mode only)
- Mode Type

Mode	Description
Standard Free Mode	Standard Free Mode
Multi-lock per group	Multi-lock per group
Standard Assign Mode	Standard Assign Mode
Assign after Master Card 1	Enable to assign user card after reading Master Card 1
Assign based on Lock No.	Lock accept all user card which have the lock number
Assign based on Card No.	If the user card number is stored in the lock, lock ignore
	the registered lock number and accept the user card

- ③ Set lock functions
 - Lock Sound: Disable, Normal, Small
 - In-Use Light: Off, Blinking when occupied, Blinking when available
 - Default Locker Password: 1234 (Assign Mode and Smart Assign Mode only)
 - Master Code
 - : Open door & Delete PWD (Same function as Master Card 1)
 - : Open/Close door only (Same function as Master Card 2)

(2) Site ID Settings



- ① Select 'Site ID Settings' checkbox to activate.
- Input Issuer ID (Vendor/Customer) and click '+' to register.
 It must be same Key number which you read on Client Program and locks.
- ③ If you want to delete, select Issuer ID in box and click '-'.



(3) Time Based Operation

Time based operation can be used only on Free Mode.

- Time Limit

☐ Time Limit] 3 Shift Clo	Open automatic Lock up Open automatic	-	after 1hou	
.LL ~	FF:FF	FF:FF	FF:FF	SET DEL
Week	Time 1	Time 2	Time 3	
Sunday	FF:FF	FF:FF	FF:FF	
Monday	FF:FF	FF:FF	FF:FF	
	FF:FF	FF:FF	FF:FF	
Tuesday	LL'LL	1 1 9 1	1.1.91.1	
Tuesday Wednesday	FF:FF	FF:FF	FF:FF	
-				
Wednesday	FF:FF	FF:FF	FF:FF	

- ① Select 'Time Limit' checkbox to activate.
- 2 Choose an operation mode.
 - Lock up: Lock closes automatically after set time

Master Card 1 or Online Control can open the lock again

- Open automatically: Lock opens automatically after set time
- $\ensuremath{\mathfrak{I}}$ Set the time to operate. Time can be set from 1 to 99 hours.

3 Shift

] Time Limit	Open automati	cally 👻	after 1h	our -	
3 Shift Clo		Sound On		D On	
ALL Clos		FF:FF	FF:FF	SET	DEL
Week	Time 1	Time 2	Tim e 3		
Sunday	FF:FF	FF:FF	FF:FF		
Monday	FF:FF	FF:FF	FF:FF		
Tuesday	FF:FF	FF:FF	FF:FF		
Tuesuay		FF:FF	FF:FF		
Wednesday	FF:FF	1.			
	FF:FF FF:FF	FF:FF	FF:FF		
Wednesday			FF:FF FF:FF		



- ① Select '3 Shift' checkbox to activate.
- ② Select operation mode.
 - Close: Lock closes at the set day and time
 - Open: Lock opens at the set day and time
 - Sound On: Alarm sounds at the set day and time
 - LED On: LED lamp blinks at the set day and time
- ③ Set the day and time to operate.
 - Select ALL or the day of week
 - Set time and click 'SET' to save (00:00 means time is not set. If you want to operate locks at midnight, set as 23:59)

(4) Online Settings

🗹 Online Settings	
Wireless Channel 11	•
Encription	On 🔹
🗹 Smart Wake-up	On 🗸 HH 0 🖨 Minute 0 🖨
🗹 User Card Check	Online Whitelist -
Protocol Version	Lock ver, 7~ 🗸
🖂 Self-Personalization	☑ On/Off

- Main Item Description

Item	Description			
	Communication channel between online lock and AP			
Wireless Channel	(Channel range: 11 ~ 25)			
wireless Channel	If you set Wireless channel 'OFF', lock lose wireless			
	communications			
Encryption	Encryption usage status			
	Select when the setting is set in Smart Assign mode			
Smart Wake-up	Select "On" and set the time in hours or minutes for the			
	lock to wake-up automatically			



	Select Off, Online Whitelist, Online Blacklist, Card Blocking
	If you select Online Whitelist, the lock will operate when
	the user card CSN is in the Membership list (Server
	database) by checking through AP in real-time
User Card Check	If you select Online Blacklist, the lock will operate when the
	user card CSN is not in the blacklist account by checking
	through AP in real-time
	If you select Card Blocking, the lock will not accept blocked
	card
Protocol Version	Select lock FW version
	Issue a user card from the lock itself
Self-Personalization	This function can be worked when User card CSN is
	registered in Membership list (Server database)

(5) ETC.

ETC		
🖂 Keypad Mode	Password + Card	•
Proximity	Default	•
🗌 Deadbolt	Use/Disuse	
Validity for Smart Code (8-digits) 1 • day(s)	

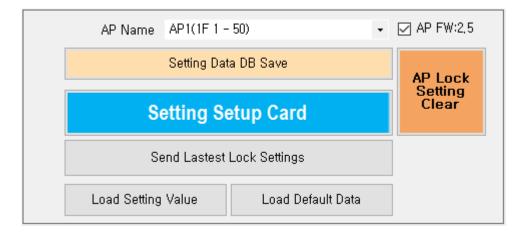
- ① Select 'Keypad Mode' checkbox to activate.
- ② Choose the operation mode.
 - Password + Card: User use both password and RF card
 - Password: User can use only password
 - Card: User can use only RF card





- ③ Select 'Proximity' checkbox to activate, and choose proximity power between lock and user card.
- ④ Select 'Deadbolt' checkbox to activate if you use deadbollt locks.
- (5) Set validity of Smart code (8-digits). After the validity, Smart Code won't be used.

(6) Send Lock Settings



- Main Item Description

Item	Description
AP Name	Select AP which you will send the setting value
Save Setting Data	Save the setting data DB
Send Lock Settings	Request settings to locks
Send Latest Lock Settings	Request latest setting to locks
Load Setting Value	Read INI. File
Load Default Data	Read default setting data
AD Lock Satting Clear	Cancel the online request setting information
AP Lock Setting Clear	* Recommend to use it after finishing all setting



4) Change User Information

A menu for changing user information of locks online. You can use this for swapping user card or changing password. This function only works in Assign mode.

	ormation(Assign-N	/lode)			_		
Lock No,	Group 1	~	11 🖨 🧮	5 🔁 🧕			
Password		Member I	D / Name 🛛	2020021901	Song		
Card No,	6E1352C0						
] Select All							
	Building	Group	Lock No.	Member ID	N am e		Assigned Card No
Buildin	g 1	0001	0011	2020021901	Song	6E1352C0	
			C	nange User I	nfo		

- Main Item Description

Item	Description
Lock No.	Group and lock number
	Add
	Delete
	Search
Password	Change assigned password
Member ID / Name	Search user ID and name
Card No.	Search card ID and name
Building	Building number



Group	Group name
Lock No.	Lock number
Member ID	User ID
Name	User name registered in DB
Assigned Card No.	Card CSN number

- Select a group name and click ⁽¹⁾ button to search locks in that group. Only assigned locks will be shown on the list.
- 2 Select a lock from the list, or click ' button and search a member(user) to change information of it.
- Input a password, or click ⁽III)⁽ button, search Card No. to assign and check the ⁽II)⁽ checkbox.
 To apply.
- Click '^{loo}' button to change information, and check if password and Card No. are applied correctly from the list.
- $\ensuremath{\mathfrak{S}}$ $\ensuremath{\,$ Repeat from $\ensuremath{\mathfrak{Q}}$ to $\ensuremath{\mathfrak{S}}$ to other locks if you need.
- 6 Select locks you want to send the changing command from the list, and check the '□' checkbox. If you want to change all lock user information, select the 'Select All "□"' checkbox.
- ⑦ Press 'Change User Info' button to request online change.
- NOTE

Please be aware that even though you send change command here and the lock information is changed, member information in 'Issue Membership Card' is not changed. You need to modify it manually.



5) Database Backup

🕼 Database backup		- 🗆 X
Audit Trail	done	
Backup Date 4/21/		
Backup Table List 🔄 Select	List of DB	files for restore
server_table ap_channel_table		
tbl_ap_setting tbl_audit_trail_hist tbl_audit_trail_offline		Open
tbl_auth_user		Hemove
tbl_bl_history		
tbl_card_bl		
tbl_group_account	Update Lock Last Usage Date	<u></u>
tbl_group_locker_backup	V	

A menu for date backup. You can select the day you want to keep the data and account.

- Main Item Description

Item	Description
Audit Trail	Backup Online Audit Trail data
Delete the data after a backup	Select to delete the data after backup
has been done	
Backup Date	Set the date for the backup data
Backup Table List	Select the checkbox for the backup data
	Save button
	After clicking the button, choose the folder where you
	want to save the data backup file
	Add backup file to the list
	Delete backup file from the list
	Restore button
o I	After adding backup files to the list, click the button to
	restore them



9. Custom Layout

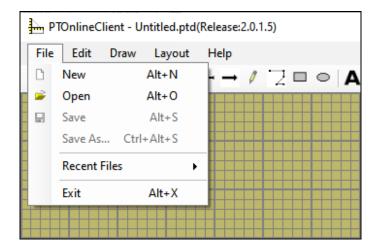
To monitor lock status in Client program, you need layout file of each/all group.



Custom layout enables you to design locker layout as you wish based on real site layout, or select preferable locker design among templates.

1) Menu List

(1) File



Menu	Description
New	Delete all objects from the layout and erase the current file name to
	make a new layout
Open	Popup panel to open a layout file
Save	Save current layout in current file name
Save As	Popup panel to save current layout in new file name
Recent Files	A list of recently loaded layout files
Exit	Exit from the window



(2) Edit

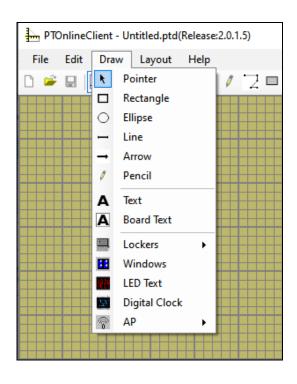
🚠 ртс	PTOnlineClient - Untitled.ptd(Release:2.0.1.5)							
File	Edit	Draw Layout Help						
D 🚅	囤	Select All Ctrl+A	0	Α	AI	35357	~	
		Unselect All Ctrl+U						
	88	Delete Alt+Del						
		Delete All Ctrl+Del						
	K	Cut Ctrl+X						
		Copy Ctrl+C						
	ľ	Paste Ctrl+V						
	٩,	Move to Front Ctrl+F						
	24	Move to Back Ctrl+B						
	I=	Align Left Alt+L						
	\Rightarrow	Align Right Alt+R						
	$\overline{\uparrow\uparrow}$	Align Top Alt+T						
	$\downarrow\downarrow$	Align Bottom Alt+B						
	 *	Make Same Width Alt+W						
	1	Make Same Height Alt+H						
	$\left\ \mathbf{q} \right\ _{L^{2}}$	Make Same Between-W Alt+Right						
	$\frac{1}{\frac{1}{1+1}}$	Make Same Between-H Alt+Down						
	19	Undo Ctrl+Z						
	Gi	Redo Ctrl+Y						

Menu	Description
Select All	Select all objects in the layout
Unselect All	Unselect all objects in the layout
Delete	Delete the selected object
Delete All	Delete all objects in the layout
Cut	Cut the selected object
Сору	Copy the selected object
Paste	Paste the selected object
Move to Front	Move the selected object to front
Move to Back	Move the selected object to back



Align Left	Align objects to left same as the selected object
Align Right	Align objects to right same as the selected object
Align Top	Align objects to top same as the selected object
Align Bottom	Align objects to bottom same as the selected object
Make Same Width	Make the objects have width as same as the selected object
Make Same Height	Make the objects have height as same as the selected object
Make Same Between-W	Make the objects have horizontal gap as same as the first and second selected objects
Make Same Between-H	Make the objects have vertical gap as same as the first and second selected objects
Undo	Undo
Redo	Redo

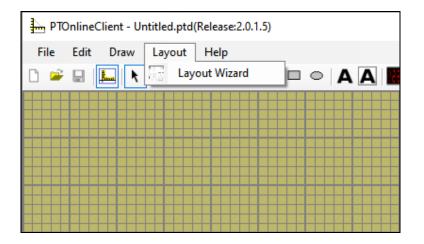
(3) Draw





Menu	Description
Pointer	Pointer
Rectangle	Insert Rectangle in the layout board
Ellipse	Insert Ellipse in the layout board
Line	Insert Line in the layout board
Arrow	Insert Arrow in the layout board
Pencil	Draw with pencil in the layout board
Text	Insert Text in the layout board
Board Text	Insert Text with border in the layout board
Lockers	Insert Lockers in the layout board
Windows	Insert Windows in the layout board
LED Text	Insert LED Text in the layout board
Digital Clock	Insert Digital Clock in the layout board
AP	Insert AP in the layout board

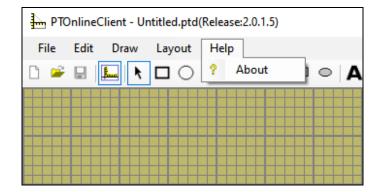
(4) Layout



Menu	Description
Layout Wizard	Insert many locker icons at once



(5) Help



Menu	Description
Help	About Custom Layout program

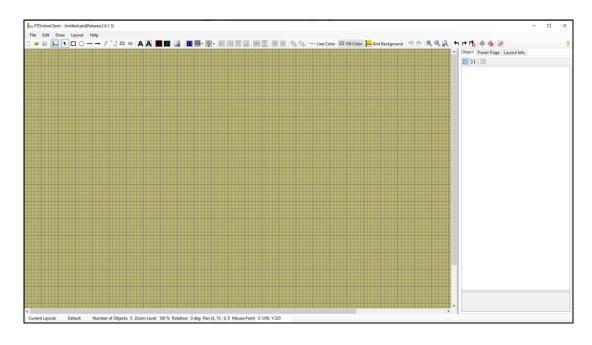
2) Basic Functions

(1) Draw locker icon one by one

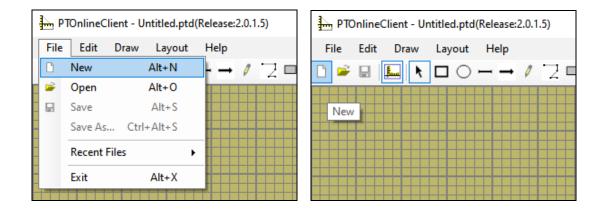
① Open 'Custom Layout' from Client menu list.







② Click 'New' button to create a new layout.



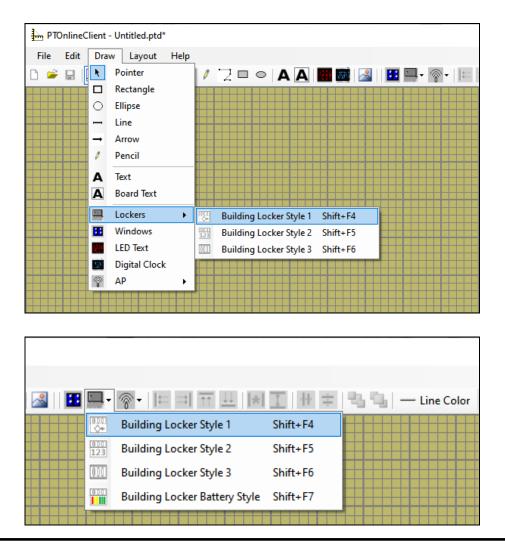
③ Set Building, Group and Lock ID from 'Layout Info' tab on the right side of the screen. The information must be same with the information in Server and Client program. Check 'Lock number auto-increment' checkbox to increase locker number automatically when you create locker icons. You can select locker number from the box and delete it by clicking 'Selected Delete' if you do not want to create the number of locker icon. If you click 'Reset' button, deleted numbers will be shown again.

'Title Display Option' enables you to choose how to show group ID on the monitoring.



Object Pane	l Page - L	ayout Info,			
	☑ Lock number auto-increment				
Building No.	1	\sim			
Group No.	96	~			
Lock No, Li	st 1	1	000		
1 6 2 7 3 8 4 9 5 10	11 12 13 14 15	16 17 18 19 20	21 22 23 24 25		
<			>		
Rese	t	Selected	Delete		
	Title Display Option				
 Group Numeric Display Group Floor('1F' ~ '99F')Display 					

④ After setting locker icon information, click 'Draw' menu and select locker design from 'Locker', or click 'Draw' icon from tool bar to create a locker icon.



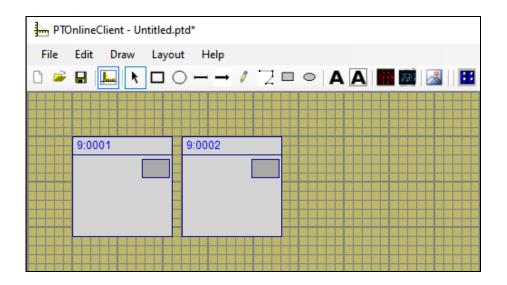


- PTOnlineClient Untitled.ptd*

 File
 Edit
 Draw
 Layout
 Help

 Image: State of the s
- (5) You can select locker icon design depending on your preference.

If you click the point where you want to locate the locker icon, it shows on layout with the information you set on 'Layout Info' tab.

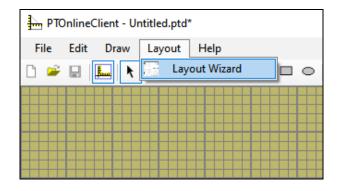


- O You can click the icon and drag to relocate on the layout.
- (8) Repeat (3), (4) to create more locker icons in same building and group.



(2) Draw locker icon at once by using Layout Wizard

① Click 'Layout Wizard' from the 'Layout' menu.



<u>h</u> Layout Wizard					×
Title : Passtech Layout : O Building	Group(Floor)	Drawing Title	Sta size(W×H). [rt(X/Y) Position 1370 × 980	: 24 🔹 24 束
Building No. : 1 📻 Group No. : 1 🜩 Lock No. : 1 🜩 Width Symbol size : 110 🜩	I ♥ 30 ♥ Height 110 ♥ Spa		s : 4 Background In Horizontal Loci Vertical Looks Style2 Style3 Style5 Style6 Style7 Style8	nage plan 🗌	Group List Line Style Left / Right Style Rectangle Style Downlist Style-1
	Execute	Cancel			

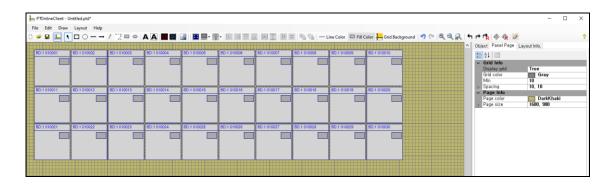


② Input values referring to the description below.

Item	Description			
Title	Input the name for the locker set			
Drawing Title	Check if you want to display the title name for the locker set			
Start(X/Y) Position	Input the (X/Y) point where you want to start your locker set You can check (X/Y) point by pointing mouse on the layout board, and check the mouse point at the bottom of the			
Layout	display Select 'Building' to create locker icons which have same lock range, but different Group number at once Select 'Group(Floor)' to create locker icons in one group(floor)			
Page size (W x H)	Input the total page size (W x H)			
Building No.	Input Building Number			
Group No.	Input Group Number			
Lock No.	Input Lock Number range from ~ to ~.			
Symbol size	Input the symbol size for Width and Height (Default: W=110, H=110)			
Spacing between symbols	Input the spacing between symbols (Default: 4)			
Background Image Plan	Check if you want to use background image Popup panel will be shown to open a background image			
Horizontal/Vertical locks	Input the numbers for horizontal and vertical line (Default: Horizontal=10, Vertical=3)			
Style	Select lock design style			
Group List	Select direction of creating locker set			

③ Click "Execute" button to create the locker set.

Then, the locker set will be automatically arranged on the layout board.

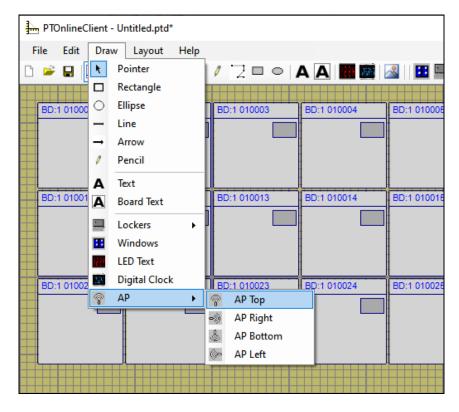






(3) Draw AP icon

① Click 'Draw' menu and select 'AP', or click 'AP' icon from tool bar to create AP icon.



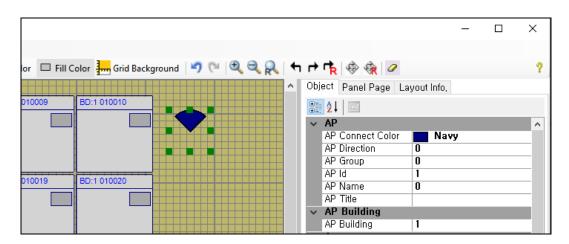
 ■ ● ○ ● ○	AP Top AP Right AP Bottom	D:1 010007	BD:1 010008
BD:1 010015	BD:1 010016	BD:1 010017	BD:1 010018
BD:1 010025	BD:1 010026	BD:1 010027	BD:1 010028



② Click a point where you want to place the icon on layout board.

a i Mar Mar I				
1 - Li	ine Color 🛛 Fill C	olor 🔚 Grid Backg	round 🍯 🤍 🖾	थ, 🔍 👷
BD:1 010008	BD:1 010009	BD:1 010010		
BD:1 010018	BD:1 010019	BD:1 010020		
BD:1 010028	BD:1 010029	BD:1 010030		

③ Click the AP icon and set values for displaying AP status on monitoring in Client program.

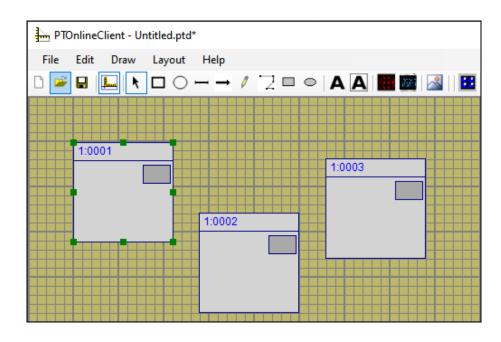


Change the following items referring to the description.

ltem	Description
AP Direction	0=Top, 1=Right, 2=Bottom, 3=Left
AP group	Input same Group number as you set in AP account in Client program
AP id	Input same AP Layout ID as you set in AP account in Client program
AP Building	Input same Building number as you set in AP account in Client program

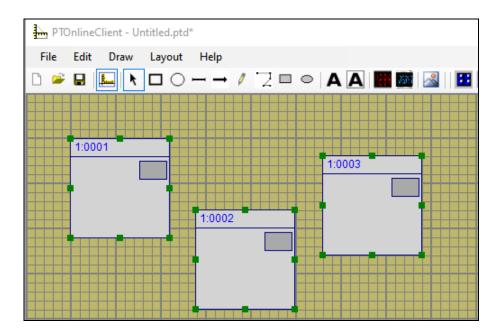


(4) Align locker icons



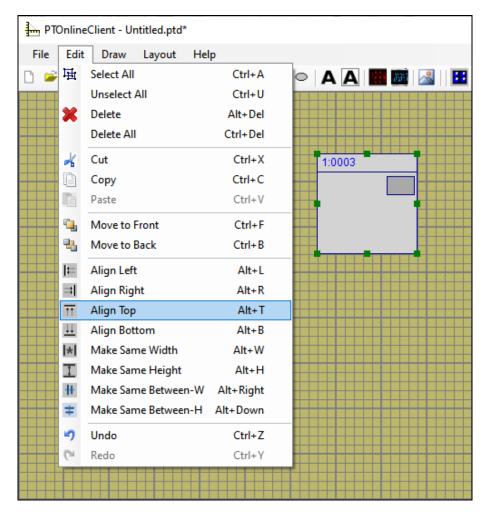
① Select a base locker icon you want to sort by.

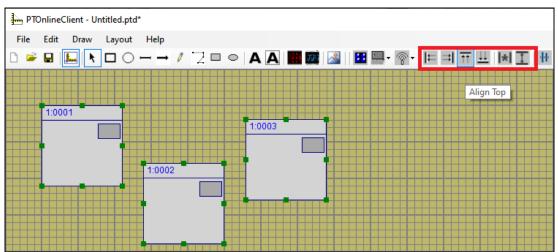
2 Press 'Ctrl' button on a keyboard, and click or drag other locker icons to select for aslignment.



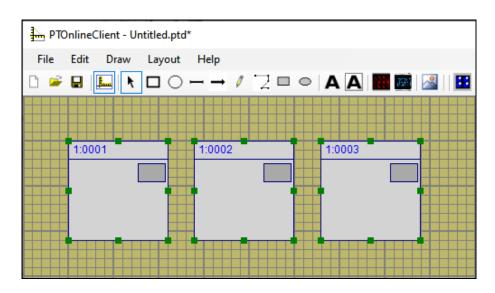


Click 'Edit' menu and select alignment type, or select it directly from the tool bar.
 You can align with the top, bottom, left and right of the first selected locker icon.

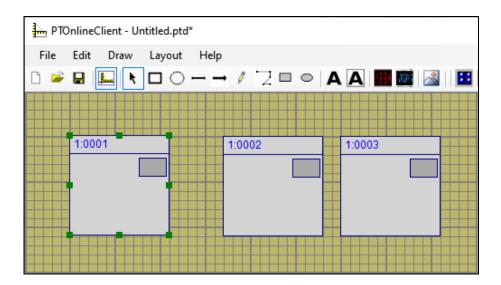


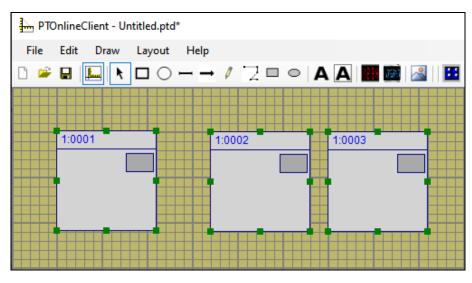






You can also align the space between locker icons.
 Selcet a base locker icon and click or drag others while pressing 'Ctrl' button to select.

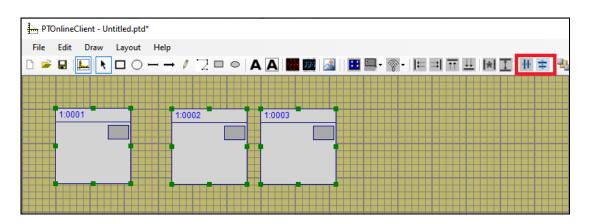






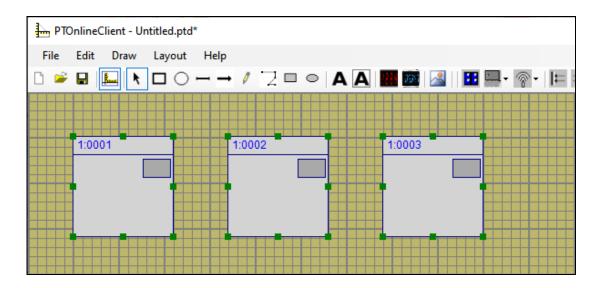
 S Click 'Edit' menu and select distribution type, or selct it directly from the tool bar. You can distribute horizontally or vertically.

PTOnlineClient - Untitled.ptd*								
File	Edit	Draw Layout He	lp					
D 🛩	啩	Select All	Ctrl+A	🗢 🗛 🗛 🌃 🐼 🔛				
		Unselect All	Ctrl+U					
	×	Delete	Alt+Del					
		Delete All	Ctrl+Del	1:0003				
	K	Cut	Ctrl+X					
		Сору	Ctrl+C					
	ľ	Paste	Ctrl+V					
	۹.	Move to Front	Ctrl+F					
	ч.	Move to Back	Ctrl+B					
	I ⊨	Align Left	Alt+L					
	⇒I	Align Right	Alt+R					
	ŤŤ	Align Top	Alt+T					
	<u> </u>	Align Bottom	Alt+B					
	 *	Make Same Width	Alt+W					
	1	Make Same Height	Alt+H					
	Ψŀ.	Make Same Between-W	Alt+Right					
	÷	Make Same Between-H	Alt+Down					
	2	Undo	Ctrl+Z					
	6	Redo	Ctrl+Y					

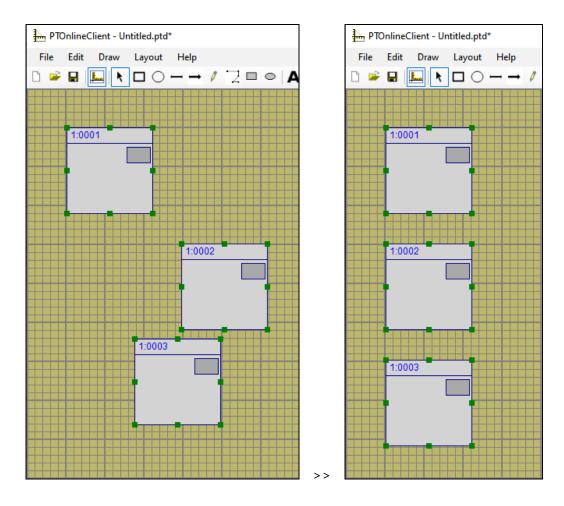




6 Seleected locker icons will have same space between them with the space between first selected locker icon and second selected icon.



*Distribute Vertically





(5) Edit locker icon information

PTOnlineClient - Unt	itled.ptd*			
File Edit Draw	Layout Help			
D 🛩 🖬 🛄 🕅	$\Box \bigcirc - \rightarrow /$		A 🔠 🎯 🔜 🛙	
BD:1 010001	BD:1 010002	BD:1 010003	BD:1 010004	BD
BD:1 010011	BD:1 010012	BD:1 010013	BD:1 010014	BD
			-	

1 \quad Select a locker icon you want to edit the information of from the layout board.

① You can change the following items from 'Layout Info' tab on the right side of the screen referring to the description.

ltem	Description			
	Input building number you want to change to, and click			
Change Building No.	'All Lock BD. Change' or 'Selected Lock BD. Change' button			
	Input group number you want to change to, and click 'All			
Change Group No.	Lock Group Change' or 'Selected Lock Group Change'			
	button			
	Latch=Small box in the locker icon			
	Choose latch position, and click 'All Lock Change' or			
	'Selected Lock Change' button			
	1=Right top			
Change Latch Position	2=Left Top			
change Later rosition	3=Next to Lock ID (Building, Group, Locker number)			
	4=Right Middle			
	5=Right Bottom			
	6=Left Middle			
	7=Left Bottom			





	Choose locker icon design and click 'All Lock Type				
	-				
Change Lock Type	Change' or 'Selected Lock Type Change' button				
Change LOCK Type	(Style1=With digital number, Style2=Standard,				
	Style3=With battery status)				
	Double click 'BG(Background)' and 'FG(Foreground)' icon,				
Digital lock number color	and select the color you want to change to.				
change	Click 'All Lock No Color Change' or 'Selected Lock No				
	Color Change' button				
	Input the length of digital number which shows on the				
Change Digital No.	locker icon, and click 'All Lock No Length Change' or				
Length	'Selected Lock No Length Change' button				
	(Max. 6-digits including number and the alphabet)				

Object Panel Page Layout Info,	
Lock number auto-increment	
Building No.	
Group No,	
Lock No, List 1 1000	1
2 7 12 17 22 3 8 13 18 23 4 9 14 19 24	
1 6 11 16 21 2 7 12 17 22 3 8 13 18 23 4 9 14 19 24 5 10 15 20 25	
<pre>3 10 13 E0 E3 </pre>	>
Reset Selected Delete	
Title Display Option	
Group Numeric Display	
◉ Group Floor('1F' ~ '99F')Display	
Lock Building or Group Change	
All Lock BD. Selected Lock BD	
Change Change	•
Change Group No. 21	
All Lock Group Change Group Change	
Change Latch Position(0~8) 2 🚖	
All Latch Change Selected Latch Change	
Change Lock Type	
Style 2(Normal Symbol Type) 🔍	
All Lock Type Selected Lock Change Type Change	
Digital lock number color change,	
BG FG	
All Lock No Color Selected Lock No Change Color Change	1
Change Digital No, Length 🛛 😫	
All Lock No, Selected Lock No,	
Length Change Length Change	



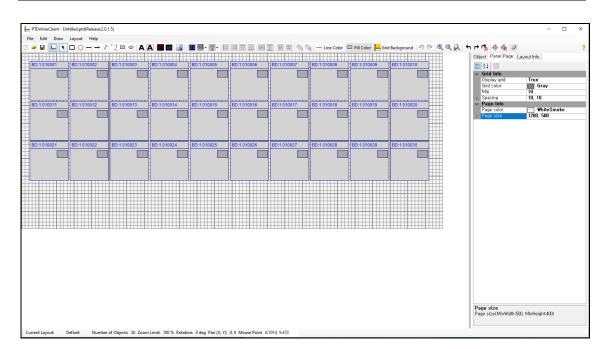
(6) Edit panel page

① Click 'Panel Page' tab to change page color and size.

Obj	ect Panel Page	Layout Info,
	2↓ 🖻	
\sim	Grid Info	
	Display grid	True
	Grid color	Gray
	Min	10
>	Spacing	10, 10
\sim	Page Info	
	Page color	DarkKhaki
>	Page size	1370, 980

② Input the following items.

ltem	Description
Page color	Select any color for the page background
Page size	Input the page size (W x H)





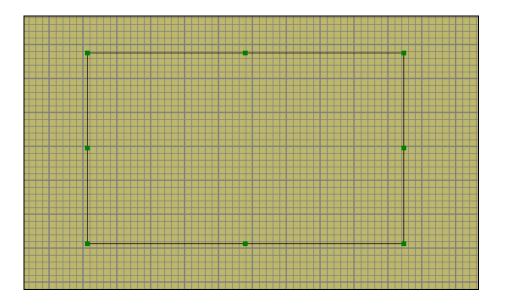
(7) Insert background image

① Click 'Image' icon from the tool bar.

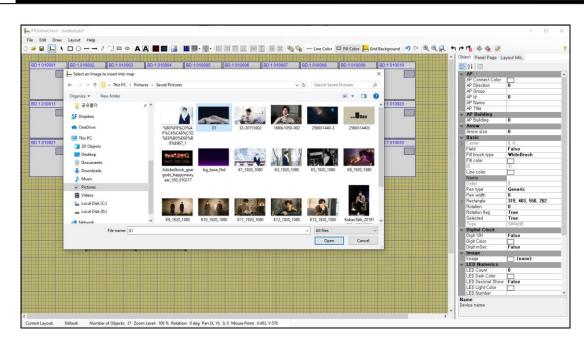
A A 🔛 👼 🔜	!!	= = = *	
BD:1 010004	BD:1 010005	BD:1 010006	BD:1 010007
BD:1 010014	BD:1 010015	BD:1 010016	BD:1 010017

② Drag the mouse on the layout board.

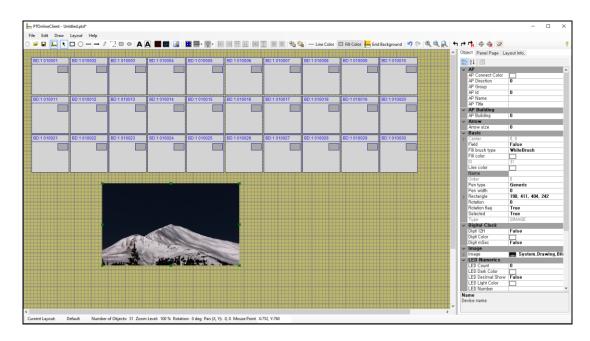
Then, the window for selecting and opening image file will pop up.







③ Select an image you want to use for background and open it to insert on the layout board.





- P PDelwickner Useitidigel

 P PDelwickner -
- ④ Drag the image clicking one point of the image and extend the size same as the page size.

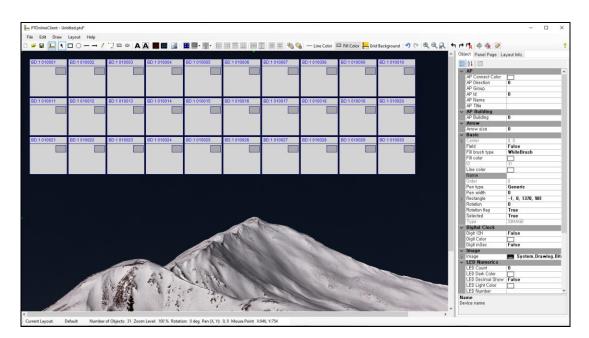
S Click the image and select 'Move to back' from 'Edit' menu or click it from the tool bar to move it back to make locker set show.

PTOnline	eClient - Untitled.ptd*		
ile Edit	Draw Layout He	lp	
🛁 🖽	Select All	Ctrl+A	🗢 🗛 🗛 🌃 🖾 🔡 🔚 -
	Unselect All	Ctrl+U	
*	Delete	Alt+Del	
	Delete All	Ctrl+Del	
*	Cut	Ctrl+X	
	Сору	Ctrl+C	
	Paste	Ctrl+V	
۰.	Move to Front	Ctrl+F	
25	Move to Back	Ctrl+B	
 ==	Align Left	Alt+L	
=1	Align Right	Alt+R	
11	Align Top	Alt+T	
	Align Bottom	Alt+B	
*	Make Same Width	Alt+W	
1	Make Same Height	Alt+H	
$\Phi \Phi$	Make Same Between-W	Alt+Right	
÷	Make Same Between-H	Alt+Down	
5	Undo	Ctrl+Z	
Cr.	Redo	Ctrl+Y	ALL
			111 march





(6) The image you selected became a background image.



131



(8) Save the file

File	New	Alt+N	- ·		
-		Alt+0			
	Save	Alt+S	002	BD:1 010003	PTOnlineClient - Untitled.ptd(Release:2.0.1.5)
	Save As Ctr	I+Alt+S			
	Recent Files	•			File Edit Draw Layout Help
	Exit	Alt+X			$\square \twoheadrightarrow \blacksquare \blacksquare \land \square \bigcirc \neg \rightarrow / \square \square \bigcirc$
			_		
	3D:1 010011	BD:1 0*	10012	BD:1 010013	BD:1 Save 1 BD:1 010002 BD:1 010

1 Click 'File' menu and select 'Save', or click it from the tool bar.

② You must save the layout file in the same folder with the Client program is installed. Save it in 'Layout' folder.

0001 ED.10100	New folder New folder New folder	Lock > 03. E-Smart Pluse > 03. Client > 1 Name LayoutSample.ptd LayoutSample.LED_n_OH.ptd LayoutSample.LEDFred.ptd	PTULTRAOnlineClientPro > La Date modified 1/30/2020 12:54 PM 1/30/2020 12:56 PM		5 Search Layout	× () () () () () () () () () ()	010010	Page color	True Gray 10 10, 10 WhiteSmo
0rganize * 0011 • OneD I This P 3 3D C D021 I Desk	New folder hrive C Objects ktop	Name LayoutSample.ptd LayoutSample.LED_On_Off.ptd LsyoutSample.LEDFixed.ptd	Date modified 1/30/2020 12:54 PM 1/30/2020 12:56 PM	Type PTD File	Size	م ۱۱۱۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰	010020	Display grid Grid color Min > Spacing Page Info Page color	Gray 10 10, 10
0rganize * 00011 • OneD III • OneD IIII •	New folder hrive C Objects ktop	Name LayoutSample.ptd LayoutSample.LED_On_Off.ptd LsyoutSample.LEDFixed.ptd	Date modified 1/30/2020 12:54 PM 1/30/2020 12:56 PM	Type PTD File	Size	. • 0	010020	Grid color Min > Spacing > Page Info Page color	Gray 10 10, 10
0011	New folder hrive C Objects ktop	Name LayoutSample.ptd LayoutSample.LED_On_Off.ptd LsyoutSample.LEDFixed.ptd	Date modified 1/30/2020 12:54 PM 1/30/2020 12:56 PM	Type PTD File	Size	. • 0	010020	Min Spacing Page Info Page color	10 10, 10
0011	hrive AC Dispects ktop	LayoutSample.ptd LayoutSample_LED_On_Off.ptd LayoutSample_LEDFixed.ptd	1/30/2020 12:54 PM 1/30/2020 12:56 PM	PTD File	Size	-	010020	 Page Info Page color 	
OneD This P 30 C Doc	hrive PC Objects ktop	LayoutSample.ptd LayoutSample_LED_On_Off.ptd LayoutSample_LEDFixed.ptd	1/30/2020 12:54 PM 1/30/2020 12:56 PM	PTD File		14	010020	Page color	WhiteSmo
3D C Desk 0021	Objects ktop	LayoutSample_LED_On_Off.ptd	1/30/2020 12:56 PM		28 KB				
3D C Desk 0021	Objects ktop	LayoutSample_LEDFixed.ptd		DTD File				> Page size	1200, 500
Doc	ktop			PTD File	28 KB				
0021 🖶 Doc			1/30/2020 12:55 PM	PTD File	28 KB				
	uments	LayoutSampleAll.ptd	1/30/2020 12:53 PM	PTD File	633 KB	_			
📃 🕹 Dow		MainLayout_21F_V.ptd	2/12/2019 1:44 PM	PTD File	4,558 KB	1.1	010030		
	vnloads	MainLayout_22F_V.ptd	2/9/2019 11:19 AM	PTD File	3,163 KB				
💧 Mus	sic	MainLayout_23F_V.ptd	2/9/2019 11:19 AM	PTD File	3,288 KB				
Picte	ures	MainLayout_24F_V.ptd	2/9/2019 11:20 AM	PTD File	4,558 KB				
Wide		MainLayout_ALL_V.ptd	2/9/2019 11:20 AM	PTD File	3,324 KB				
	al Disk (C:)	NewLayout.ptd	8/13/2019 11:23 AM	PTD File	6 KB				
		Untitled.ptd	2/6/2020 2:58 PM	PTD File	27 KB				
_ Loca	al Disk (D:)								
🥏 Netwo	ork								
	ile name: Untitled					~			
Save	e as type: DrawTools fil	es (*.ptd)				~			
					Save	Cancel			
∧ Hide Fol	iders								

③ Use the saved layout file when you create group account in Client program.



10.Smart Code & Mobile Key

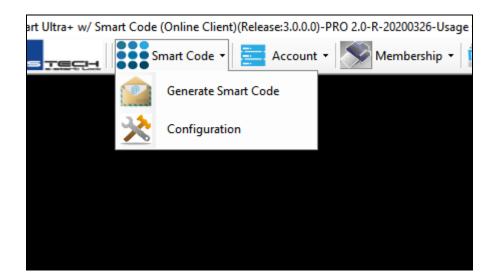
1) What is Smart Code & Mobile Key?

Smart Code & Mobile Key are secure, convenient and instant way of mobile access to E-smart locks. Time-sensitive 8-12-digits code and encrypted digital key are generated via Offline (Esmart Ultra Plus+) or Online (Esmart Cloud Server), and access to a specific locker lock or door lock which is granted through the internet from anytime anywhere in the world.

All the locks are operating completely offline without the risk of malfunction.

Users can use their access codes and mobile keys only for a specific time period, and access privilege will be automatically expired when the granted time period is over.

2) Smart Code Menu List





3) Configuration

Ӿ Configuration			×
Admin Information	SMTP		
Sender E-mail ID smartelock@smartelock.com		SMTP Address smtp.gmail.com	
Sender E-mail Password		ex) smtp.gmail.com	
E-mail Address smartelock@smartelock.com		SMTP Port 587 ex) 587 🗹 SSL	
Sender's Name Passtech Pincode Admin			
E-mail Signature		Generate Code Option	
☑ Signature 1	66/500	Smart Code	
Smart Code Option	~		
8-digits) 10-digits	☐ Mask the generated code	
Cloud Information Cloud e-Mail login ID	Cloud e	e-Mail login PWD Cloud Site ID Gate Site	
		Save	

- Main Item Description

Group	ltem	Description
	Sender F-mail ID	Email ID which will send the Smart Code or Mobile Key
		(smartelock@smartelock.com is set as default)
	Sender E-mail Password	Password of the Sender's E-mail ID
Admin	Sender E-mail Password	Set as default
Information	E-mail Address	E-mail address of the Sender
		(smartelock@smartelock.com is set as default)
	Sender's Name	The sender's name
	Sender s Marine	Passtech Pincode Amin (set as default)
	SMTP Address	Set SMTP address for your sender E-mail ID
	SIVITE Address	(smtp.gmail.com is set as default for Gmail)
SMTP	SMTP Port	Set SMTP Port number
	SIVITE POIL	(587 is set as default for Gmail)
	SSL	Select to use SSL(Secure Socket Layer)
Email	Signature 1	Set the phrases for the email content when user receives the
Signature	Signature 1	Smart Code (Max. 500 characters)



Generate	Smart Code	Select only to generate Smart Code via E-Smart Ultra+			
Code	Smart Code + Mobile Key	Select to generate Smart Code and Mobile Key together via E-			
Option	(Cloud)	Smart Cloud Server			
	9 digita	Select to use 8-digits for Smart Code which is valid for the			
Smart	8-digits	period you set on Client Configuration			
Code	10 digita	Select to use 10-digits for Smart Code which can be valid up			
Option 10-digits		to max. of 40 days			
	Mask the generated code	Select to mask the code when generated			
	Claud a Mail login ID	Input the login ID for E-Smart Cloud Server provided by			
	Cloud e-Mail login ID	Passtech			
Cloud	Cloud e-Mail login PWD	Input the login password for E-Smart Cloud Server			
Information		Click 'Gate Site' to call up the site names which is registered in			
mormation	Cloud Site ID	the Cloud Server.			
		Select the site name as same as you have set in Issuer			
		Account Setting.			
Save		Click 'Save' button to save the configuration setting			



4) Generate Smart Code

(1) Generate Smart Code via E-Smart Ultra+

If you have selected 'Smart Code' for Generate Code Option in configuration, you will see the display as image showing in below when you enter the Generate Smart Code from the menu list.

🚘 Generate Smart Cod	e									×
Building			•					Lock	No,	
Group Name			•			No.	No.	Nam e	Occupancy Date	e Buik
Valid from Valid to]▼ 16]▼ 16	•	00:00						
Recipient E-mail Recipient Name										
Sender E-mail	smartelock@smartelo	ck,com								
	Passtech Pincode Ad	min				Availat	ole(Assign)	Occupied(Assign)	Expiration date	
\$	Smart Code No.							Generate		
Configuration					Send it	to the F	Recipient			Reregister User

Select a Building name and Group name. Assign Mode locks will be shown like below.
 Select a Lock Number to use Smart Code from the list.

	Lock No.						
No.	No.	N am e	Occupancy Date	E 🔨			
~	1-1-1			Build			
	1-1-2			Build			
	1-1-3			Build			
	1 - 1 - 4			Build			
	1-1-5			Build			
	1-1-6			Build			
	1-1-7			Build			
	1-1-8			Build			
	1-1-9			Build 🗸 🚽			
<				>			
Ava	ilable(Assign)	Occupied(Assign)	Expiration date				



② Set the valid date and time.

(It will automatically set as same as your PC time by default)

Valid from 3/27/2020	21	•	00	- :00

③ Set Usage Count as 'Unlimited', 1 time use or more (max. of 9).

			Γ	Un-Limit	•
				Un-Limit 1 time use 2 time 3 time 4 time 5 time 6 time	
Usage Count	Un-Limit	•		7 time 8 time 9 time	anolock
			_		

④ Input Recipient E-mail address and name.

You may also input the Recipient information from the member account database by clicking '....', button to display the member list.

Recipient E-mail	abcd@abcd,com	
Recipient Name	A	

2							×
Memb	er ID /	Name 1	4	4			
		ID	Nan	ne		E-mail	^
✓	1		А		abcd@abcd	.com	
	3		В				
	5		Bora				
	13		Byul				
	6		Eric				
	16		F				
	10		Gilbert				
	17		н				
	7		Hong				
	18		J				
	12		Jenny				
	11		June				\sim
<							>
			Apply	Car	ncel		



S Press button to generate the Smart Code.

Send it to the Recipient

Smart Code Number will be display as seen in below.

Smart Code No.	1976 - 6181	Generate	
	2020/02/11 17 Usage Count :0	Generate	

Smart Code Number will be display as seen in below if you have selected 'Mask the generated code' in configuration.

Smart Code No.	XXXX - 6181	Generate
	2020/02/11 17 Usage Count :0	Generale

(6) Press

button to send the Smart Code to the recipient's email

address. The recipient will receive an email as seen in below and use the Smart Code on the lock.





(2) Generate Mobile Key via E-Smart Cloud Server

If you have selected 'Smart Code + Mobile Key (Cloud)' for Generate Code Option in configuration, you will see the display as image showing in below when you enter the Generate Smart Code from the menu list.

Generate Smart Code						×
Building		•		Lock	No.	
Group Name		•	No. No.	Name	Occupancy Date	Buik
Valid from	3/27/2020 💽 🗸 21	• 00 • :00				
Usage Count	Un-Limit •					
Recipient E-mail						
Recipient Name						
Mobile No,						
Sender E-mail	smartelock@smartelock.com					
	Passtech Pincode Admin		Available(Assign)	Occupied(Assign)	Expiration date	
	Smart Code No.					
Configuration		Send it	to the Recipient			Reregister User

Select a Building name and Group name. Assign Mode locks will be shown like below.
 Select a Lock Number to use Smart Code and Mobile Key from the list.

	Lock No.						
No.	No.	N am e	Occupancy Date	E ^			
~	1-1-1			Build			
	1-1-2			Build			
	1-1-3			Build			
	1 - 1 - 4			Build			
	1-1-5			Build			
	1-1-6			Build			
	1-1-7			Build			
	1-1-8			Build			
	1-1-9			Build 🧹			
<				>			
Ava	ilable(Assign)	Occupied(Assign)	Expiration date				



② Set the valid date and time.

(It will automatically set as same as your PC time by default)

1/2	:020		21	•		00	- :0)
72	.020		21		•	•	• 00	▼ [00 *] -00

③ Set Usage Count as 'Unlimited', 1 time use or more (max. of 9).

			Un-Limit Un-Limit 1 time u: 2 time 3 time 4 time 5 time 6 time		•
Usage Count	Un-Limit	•	7 time 8 time 9 time	00////0700/0000	

④ Input Recipient E-mail address, name and mobile to receive the code and key.

Recipient E-mail	abcd@abcd,com	
Recipient Name	A	
Mobile No,	010-1234-5678	
Sender E-mail	smartelock@smartelock.com Passtech Pincode Admin	

You may also input the Recipient information from the member account database by clicking '....' button to display the member list.

Input Member ID or Name in the white box and click '....' button to search.

E-mail address can be registered when you create membership account.

Click 'Apply' button to apply. The recipient information will be updated.



2				×
Memb	oer ID / N	ame 1	Α	
		ID Nai	me E-mail	^
✓	1	А	abcd@abcd.com	
	3	В		
	5	Bora		
	13	Byul		
	6	Eric		
	16	F		
	10	Gilbert		
	17	н		
	7	Hong		
	18	J		
	12	Jenny		
	11	June		\sim
<			>	
		Apply	Cancel	

(5) Press

Send it to the Recipient button to send Smart Code and Mobile Key to the recipient's email address. The recipient will receive two emails as seen in below and use the Smart Code and Mobile Key on the lock.



Mobile Key create! > Inbox ×
smartmobilekey.com to me 💌
Valid time: 2020-02-11 17:00:00~2020-02-12 17:00:00 Lock Id: 01-01-0002, App link: <u>https://play.google.com/store/apps/details?id=com.passtech.lockerlock.cloudble</u> Please click the above link to download app and install it into your smartphone.



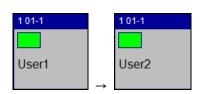
(3) Re-register User

Reregister User

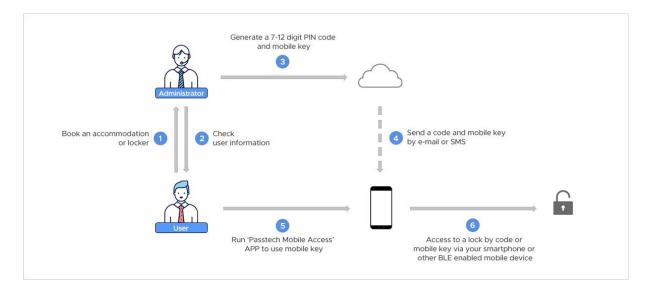
button is used to update the user information of the assigned lock.

For example, if you are generating new Smart Code or Mobile Key for User2 to lock#1 which is already used by User1 with Smart Code or Mobile Key, the new user information will be

updated by pressing the Beregister User button.



5) How it works



- The End -