User Manual

cMT Viewer Startup Guide

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cMT Viewer App

cMT Viewer can connect and control cMT / cMT X Series HMI models. The devices that support cMT Viewer include: cMT-iV5/cMT-iV6 (Built-in), iPad/iPhone (Download from APP Store), Android (Download from Google Play), Windows (in EasyBuilder Pro installation directory).

System Requirements

```
PC Operating System:
Windows<sup>®</sup> 7 SP1 (32bit / 64bit), Windows<sup>®</sup> 8 (32bit / 64bit), Windows<sup>®</sup> 8.1 (32bit / 64bit),
Windows<sup>®</sup> 10 (32bit / 64bit)
```

Minimum Hardware Requirement: RAM 2G (Recommended)

Display Setting:

When encountering display issues, please execute DisplaySetting.exe in the installation folder and change rendering method to "Software render".

DisplaySetting						
Change default rendering method Change default rendering method OpenGL (OpenGL 2.1 or higher is required)						
OpenGL ES (DirectX 11 or higher is required)						
C Software render						
* This setting will be used in EasyBuilder Pro, Utility Manager, cMT Viewer, EasyLauncher and EasyAccess 2.0						
* Changes will take effect the next time you start the program						
OK Cancel						

Please note that:

- 1. Each cMT Viewer device can simultaneously connect with 4 cMT / cMT X Series models.
- 2. Each cMT Viewer device can simultaneously monitor 50 cMT / cMT X Series models (under Monitor Mode).
- 3. Each cMT / cMT X Series model can simultaneously connect with 3 cMT Viewer devices.



1. Introduction of icons

lcon	Description
Viewer	Tap this icon to run cMT Viewer App.
	Tap the Start Button when running the project to return to cMT Viewer home screen.
<u>کې</u>	Tap this icon to configure cMT Viewer.
	Tap this icon to change screen layout in Monitor Mode.
+	Tap this icon to search for all cMT / cMT X Series HMIs on the same network.



2. How to load project file to cMT Viewer

Step 1. Launch cMT Viewer App and tap the + button as shown below.



Step 2. Search for all the cMT / cMT X Series HMI on the same network.





 $\overline{}$

Step 3. Select an HMI, tap and then enter password. If [Use the same password for other machines] checkbox is selected, entering password will not be necessary when adding other HMI that uses the same password.

CIVIT Viewer			
	2017-03-29 10:48:31		<u>^</u>
		Connect	\mathbf{x}
		Search	History
10000		Q Name/ IP	To C
		€ cMT-7606 192.168.1.16	θ
	Enter Password	cMT=DB12 192.168.1.33	θ
	Enter user password:	cMT-Daren 192.168.1.70	Đ
	Use the same password for other machines	, cMT-1BEE 192.168.1.103	•
100000000000000000000000000000000000000	QX Cancel	cMT-4B20 192.168.1.144	e
		PLANT_FACTOR 192.168.1.161	ty 🕀
1000		CMT-76E1 192.168.1.182	•
		CMT-Jeremy 192.168.1.198	Ð
		CMT-DB10 192.168.1.212	Ð
And the second se			

Step 4. When finished, cMT Viewer will display the project.

📆 cMT Viewer					
Demo	and a	1	2017-03-1015-1744	S :::	EssyAccessed
🖁 Status Monitor			DF1	S7200	🗹 Auto Mode
•	•		9		15:17 March 10 2017
A	(M				Current Mode Maintanence
Temperature	30.0	°C			Seat 1
Target Temperature	20.0	°C			
Humidity	5.0	%	A MA		
Target Humidity	20.0	%			
		-	1000	1 3	



cMT Viewer Startup Guide

Tap Start Button to return to main screen. To connect another HMI, follow the preceding steps to search for HMI and load the project. The + button of the connected HMI will turn grey:







3. How to open cMT Viewer settings page

Step 1. In cMT Viewer main screen tap

icon.



Step 2. Enter password to open [more settings].

🖉 cMT Viewer				
CTTT viewer		2017-03-29 10-51 20		
	Information	App. version	2.1.10	
	General	Enter Password	reserved.	
	En	ter user password:		E
	more setting	OX	Cancel	
	indre setting.			
				-



Information

cMT Viewer version information.

🚝 cMT Viewer				
		2017-03-29 10:51:40		<u>^</u>
CTTT viewer				×
		Settings		
1000	Information	App. version	2.1.10	
	General	Convright 2006-2016 We	intek Labs Inc. All rights reserved	
	Language	copyright 2000-2010 We	inter Laus., Inc. An rights reserved.	
and the second se	Password Protection			
				E
1000				
	more settings			
and the second second				

General

cMT Viewer display settings.

🚝 cMT Viewer				
		2022-06-20 15:37:42		
T viewer				×
		Settings		
	Information	Change password		
	General	Monitor mode	III off	
	Language	Restore previous connections	III off	
	Password Protection	Touch sounds	III off	
		Display datetime bar	on III	
		Scaling option:		
		Scale to window size	0	
		No scaling (1:1)		
		Show Start button	on III	
	more settings			
The second s				

Language

cMT Viewer interface language menu.



cMT Viewer		2017-03-29 10-52 1	12	
	Information General Language Password Protection	Settings • English Français Italian Español Русский 简体中文 繁體中文	한국어 Deutsch 日本語	
	6 more settings	0		

Password Protection

After setting, entering password will be necessary for using these functions.

😇 cMT Viewer				
CTTT viewer		2017-03-29 10-52:30		
		Settings		
	Information General Language Password Protection	Change password Functions: Open project Modify project Server settings Clean history	2	P
	more settings	Ø	٥	

Open project

If this function is protected by password, adding a new cMT / cMT X Series HMI will require

UM017006E_20220620



password.



Modify project

If this function is protected by password, changing layout of Monitor Mode will require password.





Server settings

If this function is protected by password, entering cMT / cMT X HMI's system settings using cMT Viewer will require password.



Clear history

If this function is protected by password, clearing connection history in History page will require password.



To use password protected functions, tap the lock icon in the upper left corner and enter password.



🖉 cMT Viewer			
	2017-03-29 10:57:02		Â
		\$\$ @	•
	Enter Password		
	Enter user password:		In the second se
	Cancel		
	Ø		•

After entering password, cMT Viewer will start a countdown timer of 10 minutes, when it's over, the functions protected by password will be locked again. The countdown timer can be reset by

tapping any button in cMT Viewer. To reset the timer to zero, tap





4. Monitor Mode

cMT Viewer supports Monitor Mode. By placing objects in Window no. 3 in the project, cMT Viewer screen can be refreshed dynamically. In Monitor Mode, the user can select up to 50 HMIs to monitor simultaneously, without the need for accessing each cMT / cMT X HMI.

Step 1. Enable Monitor Mode in EasyBuilder Pro » System Parameter Settings » General tab.

System Paramo	eter Settings					×				
Extended M	femory C	Cellular Data Network	Time Sync./D	ST	e-Mail	Recipes				
Device	Model	General	System Setting	Securit	ty Fo	ont Mapping				
- Monitor Mo	de									
V Enab	le									
* When e settings	nabled, cMT Viewe of window no. 3 w	er uses window no. 3 ta ill be cleared.	o display brief informat	ion about th	e machine, an	d macro				
-Screen save	(
	Screen saver : 25 🔶 minute(s)									
S	aver window no. :	80. Screen Saver				•				

Step 2. Add the needed objects in Window No. 3, which is the Monitor Mode window by default.

EasyBuilder Pro : EMTP1.cmtp - [3 - Monitor Mode]
🛛 File Edit View Option Draw Objects Energy IIoT Library Iools Window Help 🗕 🗗 🗙
🗈 🚅 🖬 🐇 ங 🛍 👥 🗠 叠 💡 🌿 🎇 🥒 🏢 本 💷 🕾 📮 🕩 🗛 0 1 2 3 4 🕨 State 0 💽
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10 · WINDOW_010 3 · Monitor Mode × ♪
Object list Image: Starting Space Insuffice Image: Starting Space Insuf

Step 3. Open [more settings] in cMT Viewer, go to General page and enable [Monitor mode].



😴 cMT Viewer				
		2022-06-20 13:36:00		
				×
		Settings		
	Information	Change password	_	
	General	Monitor mode	on III	
	Language	Restore previous connections	on III	
	Password Protection	Touch sounds	III off	
		Display datetime bar	on III	N
		Scaling option:		
		Scale to window size	O	
		No scaling (1:1)		
		Show Start button	on III	
	fin more settings			

Step 4. Download the project file to HMI using cMT Viewer and then the Monitor Mode window appears.

🐷 cMT Viewer 2017-03:2911:05:59	
Currviewer	\$\$ 2 +
Temperature Lamp	e P
0	



5. Settings in the Window that Displays HMI Screen

Step 1. In cMT Viewer add a cMT / cMT X HMI.



Step 2. Right-click in the window that displays the HMI screen to open the menu below.



Scale to window size

Resize the HMI screen to fit in cMT Viewer window without changing its aspect ratio.





No scaling (1:1)

Display the HMI screen in true scale (1:1) even when the size of the cMT Viewer window is changed.

🐷 cMT Viewer –	×
2022-06-16 17.44 03	
0	

Fullscreen

Display cMT Viewer window in full-screen mode.

Scale window to fit content

Resize the cMT Viewer window according to the true scale (1:1) of the HMI screen.

Print screen

Open the printer settings window to print out the current screen image.

Screenshot

Take a screenshot and store it in the screenshot folder in EasyBuilder Pro's installation folder.

Diagnoser

Open the window of the diagnostic tool.