

Fleet Management System Installation Manual

Version 1.0.0 July 2017

Fleet Management System

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1.1. System Requirements

CPU: 1 GHz or faster RAM: 2 GB or higher Disk Space: 20G (64 bit) Graphics: DirectX 9 or newer Resolution: 800x600

1.2. Software Requirements

XAMPP Version: 1.8.2 https://sourceforge.net/projects/xampp/files/XAMPP%20Windows/1.8.2/

RTU Center Version: 1.21

http://ftp.icpdas.com/pub/cd/usbcd/napdos/m2m/rtu/rtu_center/software/

Real-Time Fleet Management System: Demo Version http://m2m.icpdas.com/fleet/fleetDemo_rtuDb.zip

1.3. XAMPP Setup

Step 1 : Unzip XAMPP 1.8.2 after download

Step 2 : Open XAMPP folder and double click setup_xampp.bat. Initialize the installation of XAMPP, leave the window after installation.



Step 3 : Open the XAMPP folder and double click xampp-contro.exe. After select the language, enter the control window screen, click the "Apache->Start" button, and press to allow access to the firewall. Apache will show a green background on behalf of the successful open







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Hint: If you click the "Apache->Start" button and press to allow access to the firewall, Apache will display a non-green background that may have Port occupied, please check if the 80 and 443 ports are occupied by other programs.

v.

Step 4 : Click the "MySQL->Start" button and press to allow access to the firewall, MySQL will display the green background on behalf of the successful open.



Hint: If you click the "MySQL->Start" button and press to allow access to the firewall, MySQL will display non-green background on behalf of the possible port is occupied, please check whether the 3306 Port has been occupied by other programs.

Step 5 : Click "Apache->Admin" button and the words on the XAMPP page will appear. Please select your language. After entering the main setting screen, click "Security" in the left list to show whether XAMPP is currently in a safe state. Item will show unsafe.



Step 6 : Select the language \rightarrow the left side of the option Security

At this point will find the Security of the three states are displayed as unsafe state, please click on the following URL to enter the security settings.





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Step 7 : Setup MYSQL New Password → Select cookie → Password changing

Step 8 ∶ Setup XAMPP User and Password → Make safe the XAMPP directory

Respectively, set MYSQL and XAMPP, then return to the left side of the option Security point of view, three insecure state will become a safe state



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Step 9 : Setup MySQL Database, in the XAMPP Control Panel, press the MySQL Admin to enter the settings page. Click the Database input name to create a new Database, successfully established, and then open the RTU Center.



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1.4. RTU Center v1.21 Setup

Step 1 : After RTU Center decompresses and press to allow access to the firewall, click Settings → Database Properties to set up the database environment.

RTU_Center				
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Windows 防火牆已封	d鎖所有公用和私	人網路上 RTU_Center V1.21 2016/12/13 的部分功能。		
RŢŲ	名稱(N): 發行者(P): 路徑(H):	RTU_Center V1.21 2016/12/13 不明 D:\rtu_center_v1.21\rtu_center.exe		
允許 RTU_Center V1. □私人網路,例如	.21 2016/12/13 如家用或工作場所	在這些網路上通訊: 沂網路(R)		
✓ 公用網路,例 因此不建議使	如機場和咖啡廳 用)(U)	周路 (這些網路的安全性通常比較低或沒有任何安全性,		
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		M2M RTU Center		



Step 2 : To select My SQL database type and set the database name (the same name as MySQL), IP address (127.0.0.1), user name and password (as set by XAMPP), press Verify DB, If the following status shows SQL Error, go back to RTU Center → Settings → set to the current use of Local IP and Local Port, set the correct status bar below will show MySQL successful connection words.

)L Database Communicatio	n Configuration	
Database Name :	rtu_db	Cancel
IP Address :	127.0.0.1	
Port Number :	3306	
User Name :	root	
Password :	••••• Ve	rify DB
atabase Overwrite Opti	ons	

Date / Time	Message
2017/02/24 17:00:25 681	SOL Error: MvSol Data MvSolClient MvSolEvcention: Unknown database 'rtu, db', at MvSol Data MvSolClient MvSolStrea
2017/02/24 17:00:22.088	Error Code: 1049 : MvSol Data MvSolClient MvSolException: Unknown database 'rtu db' at MvSol Data MvSolClient Mv.
2017/02/24 17:00:12.089	Error Code: 1049 : MySol Data MySolClient MySolException: Unknown database 'tu db' at MySol Data MySolClient My
2017/02/24 17:00:02.153	Error Code: 1049 : MySgl.Data.MySglClient.MySglException: Unknown database 'rtu db' at MySgl.Data.MySglClient.My
2017/02/24 16:50:42.360	Server Started (Local IP: 192.168.1.181, Local PORT: 10000)
	Local IP: 192.168.1.181 Modify IP: 192.168.1.181 Image: Modify Image: Cancel

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Date / Time	Message
2017/02/24 17:10:31.252	My SQL Connection Success!!
2017/02/24 17:10:29.547	station_data_comm
2017/02/24 17:10:29.547	station_data_modbus
2017/02/24 17:10:29.547	station_last_record
2017/02/24 17:10:29.532	My SQL Connection Success!!
2017/02/24 17:10:25.230	Error <mysql.1.1> There is no SQL Table created</mysql.1.1>
2017/02/24 17:10:25.198	My SQL Connection Success!!

Step 3 : After the successful connection, back to the RTU Center in the top, and press NEW Device to add the vehicle device name and ID and press OK, then RTU Center will show the current vehicle device list.

M2M RTU Center	_
File Settings Help	
Device Properties	
Device Name myCat (Type:Unicode, Max. size: 20)	
Station ID 1 € (1 ~ 65535) X Cancel	
Describe	
🙀 M2M RTU Center	
File Settings Help	
🔶 myCar	Parameter Status
	Device Name myCar
	Describe

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1.5. Real-Time Fleet Management System Setup

- Step 1: Please extract the fleetDemo_rtuDb.zip and place the folder in the folder ../xampp/htdocs. Please enter the following URL in the Chrome browser: http://127.0.0.1/fleetDemo_rtuDb/report.php, the map of the current vehicle will be displayed.
- Step 2: Select REPORTS in the upper right corner and click the icon on the right to enter the vehicle ID. After selecting the date, you can check the path of the fleet system. In the upper right corner, select REAL-TIME to view the current location information, connection status, GPS status, and speed information of the current fleet system.





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