

PACTECH



ICP DAS 2015 M2M Remote Maintenance Solutions



Industrial Computer Product Data Acquisition System PAC



Remote Maintenance Solutions





Remote Maintenance

Audio

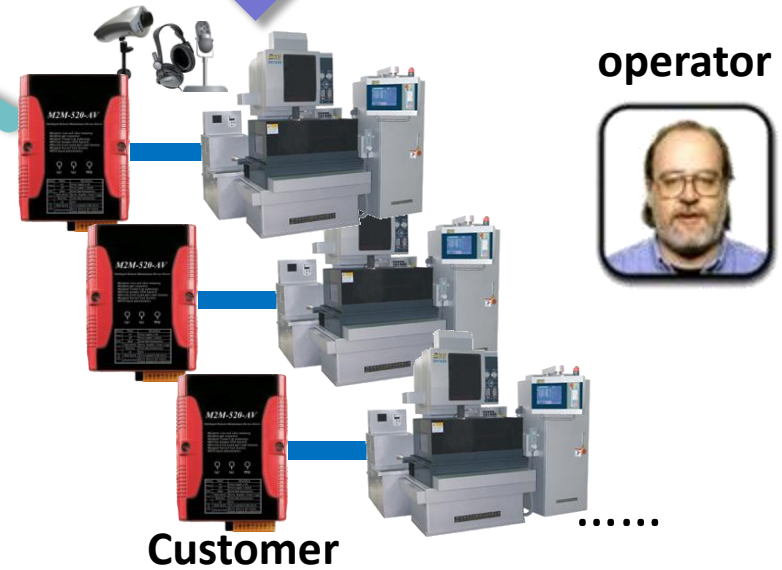
Video

Remote Diagnosis

Remote program

Remote update

Broadcast



Engineer





PLC Editor





Remote Maintenance Solution

Item	Description	Photo
M2M-420-A	<ul style="list-style-type: none"> • Web-based administration 	
M2M-720-A	<ul style="list-style-type: none"> • Provide VxComm Function • Supply DDNS(Dynamic DNS) 	
M2M-520-AV	<ul style="list-style-type: none"> • Support voice streaming on network • Support video streaming on network (M2M-520-AV only) • Support Server and Client communication mode • Broadcasting and Multi-Client Management 	
M2M-71xD Series	<ul style="list-style-type: none"> • Web-based administration • Provide VxComm Function • Supply DDNS and Ad-hoc mode • Support Wireless and Ethernet • Server and Client communication mode • Serial port tunnel Communication Modes 	



Advanced M2M Series

ITEM	M2M-420-A	M2M-720-A	M2M-520-AV
CPU	PXA-255 (400MHz)	Cortex-A8 (720 MHz)	
Voice	MIC-in (16-bit) / Speaker-out		
Ethernet	10 MHz / 100 MHz		
Configure	Web-base		
DDNS	Yes		
Firmware Update	Yes (By FTP)		
Control Button	Connect / Disconnect / Default Settings		
Function	TCP/IP Client and Server (64 clients),VxComm		
Protocol	Static IP / DHCP / PPPoE		
Video	No	Yes (320*240)	
COM Port	RS-232 *1 RS-485*1	RS-232 *1 RS-485*1	RS-232 *1 RS-485*1
Casing	Metal	Plastic	Plastic



High C/P M2M Series

ITEM	M2M-710D	M2M-711D
CPU	80186 (80MHz)	
Ethernet	10 / 100 Base-Tx	
Wireless	No	802.11 b / g
Configure	Web-base	
DDNS	Yes	
Firmware Update	Yes (By RS-232)	
Function	TCPIP Client and Server (1 client), VxComm	
Protocol	Static IP / DHCP	
7 Segment LED	5-Digit	
COM Port	RS-232 5-pin *1, RS-485*1	
Casing	Plastic	





RM Device Terminal Unit M2M-710D/711D(Wi-Fi)

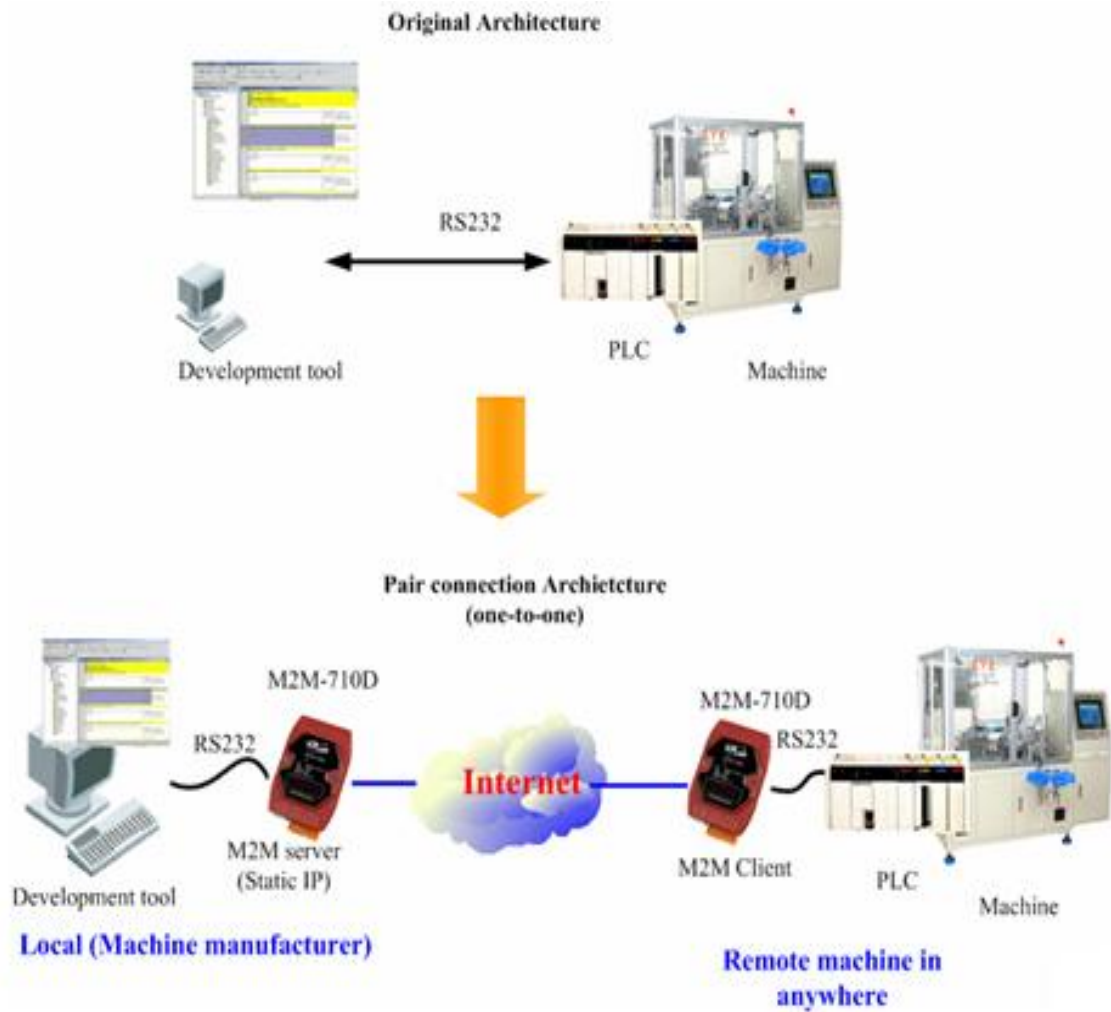
- Support GPRS interface
- Support RM series client function
- Provide dynamic DNS function
- Web-based administration
- Support Pair connection between 2 RM-710D
- Watchdog timer suitable for use in harsh environments
- Serial port +/-4 kV ESD protection circuit
- Self-tuner ASIC controller on RS-485 port
- 5-digit display





M2M-710D/711D

Application architecture





RM Device server M-4132

- Support voice streaming on network
- Provide pair connection on network
- Web-based administration
- Linux 2.6 platform
- Support TCP/IP protocols
- Provide dynamic DNS function
- Provide event record and e-mail function
- Built-in web server, FTP server
- Built-in RTC
- Built-in self-tuner ASIC chip for RS-485 port
- 2500V isolated on RS-485 port
- Provide LED indicators
- Robust, fan less design
- CE/FCC, EMI, RoHS compliance



M-4132(M2M-420-A)



M Device server

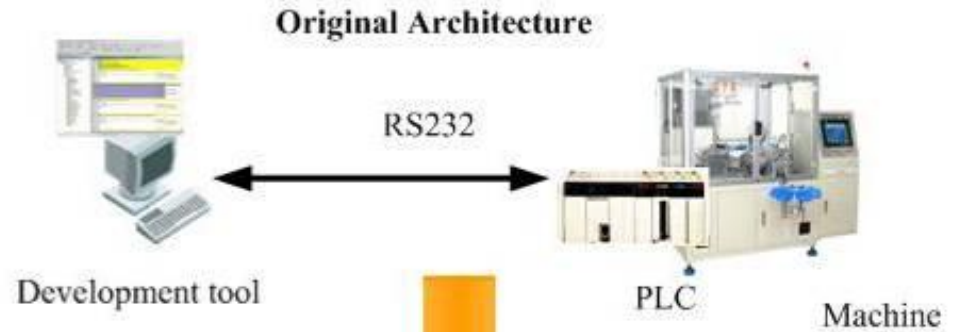
M2M-420-A

- Support voice streaming on network
- Provide pair connection (RS-232, RS-485) on network
- Support server and client function
- Server mode can manage max 64 clients (Clients can be M-4132, M2M-720-A, M2M-710D ...)
- Support voice broadcast function in server mode
- Support Virtual COM technology
- Web-based administration
- Linux 2.6 platform
- Provide Static IP/DHCP/PPPoE
- Provide dynamic DNS function to resolve the problem without the fixed real IP
- Provide event record and e-mail function
- Built-in web server, FTP server
- Built-in self-tuner ASIC chip for RS-485 port
- Provide LED indicators
- Robust, fan less design
- CE/FCC, EMI, RoHS compliance





Remote Maintenance System M2M-420-A

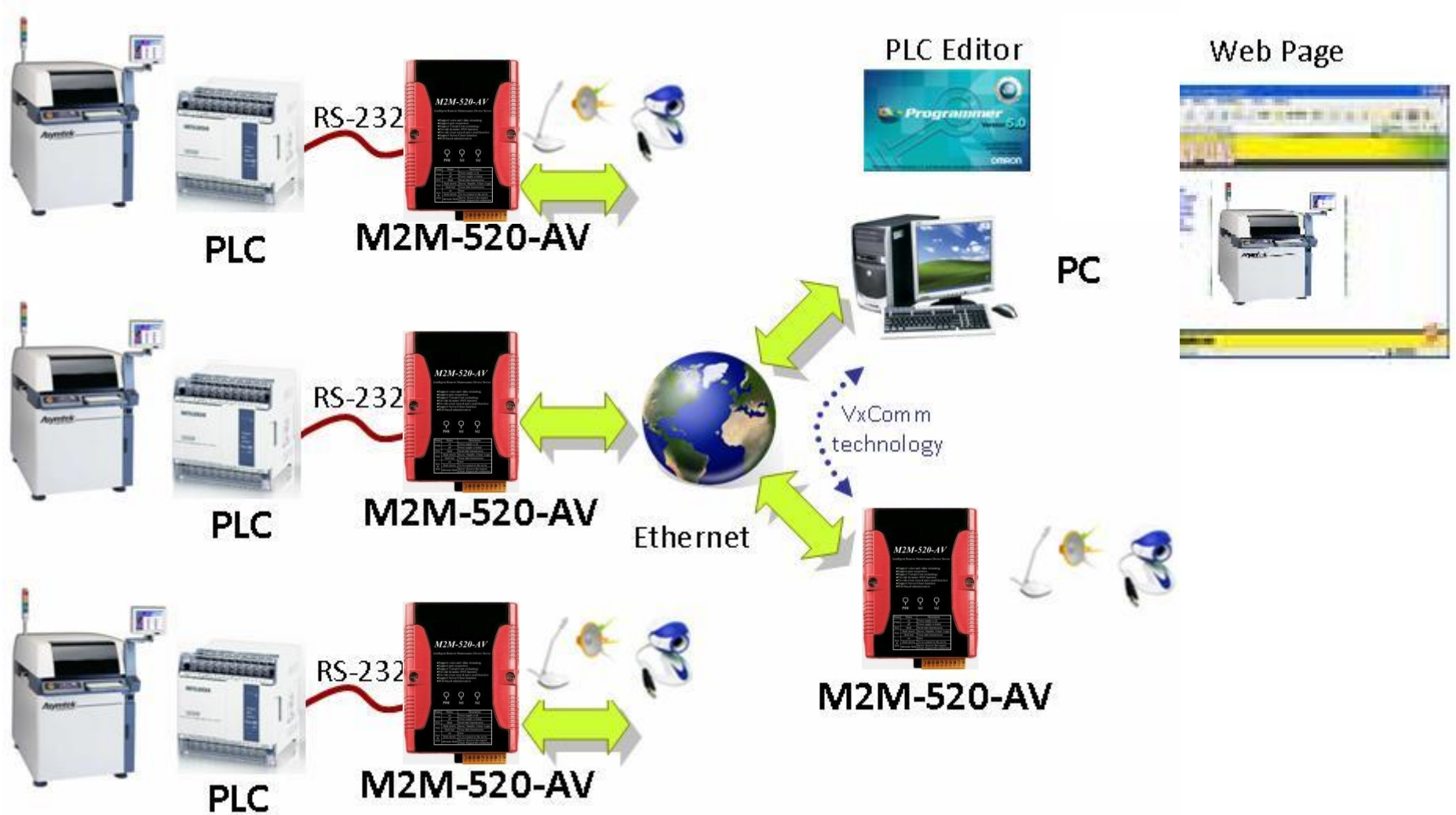


Remote Maintenance

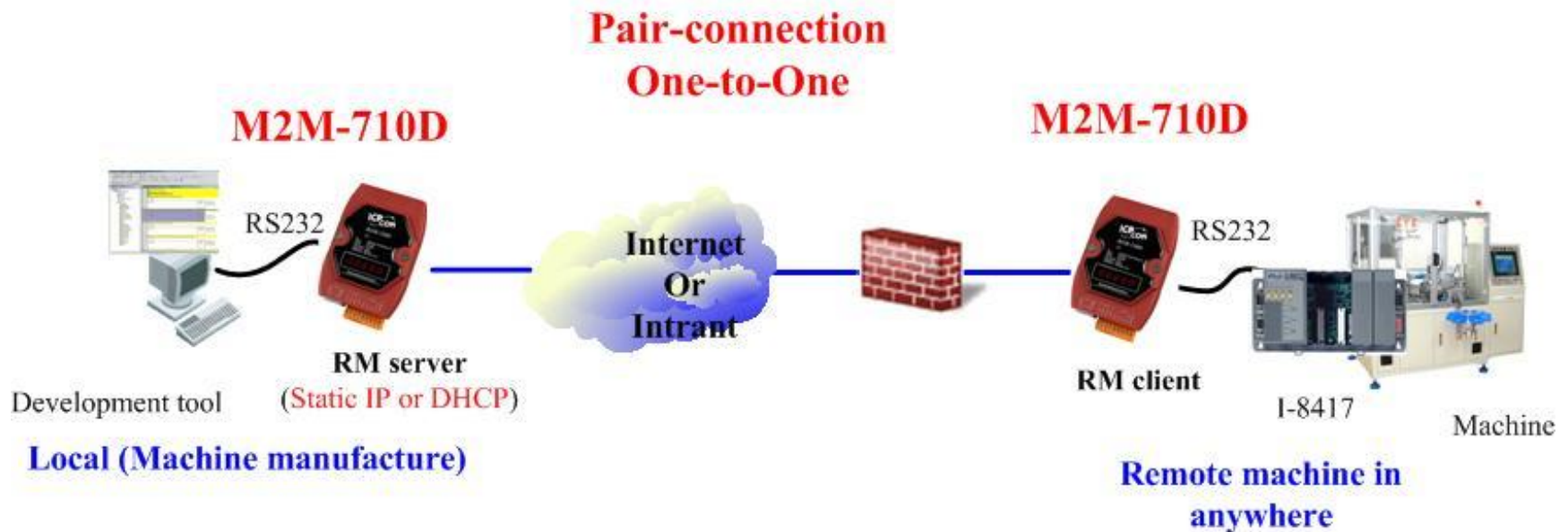




Remote Maintenance System M2M-520-AV

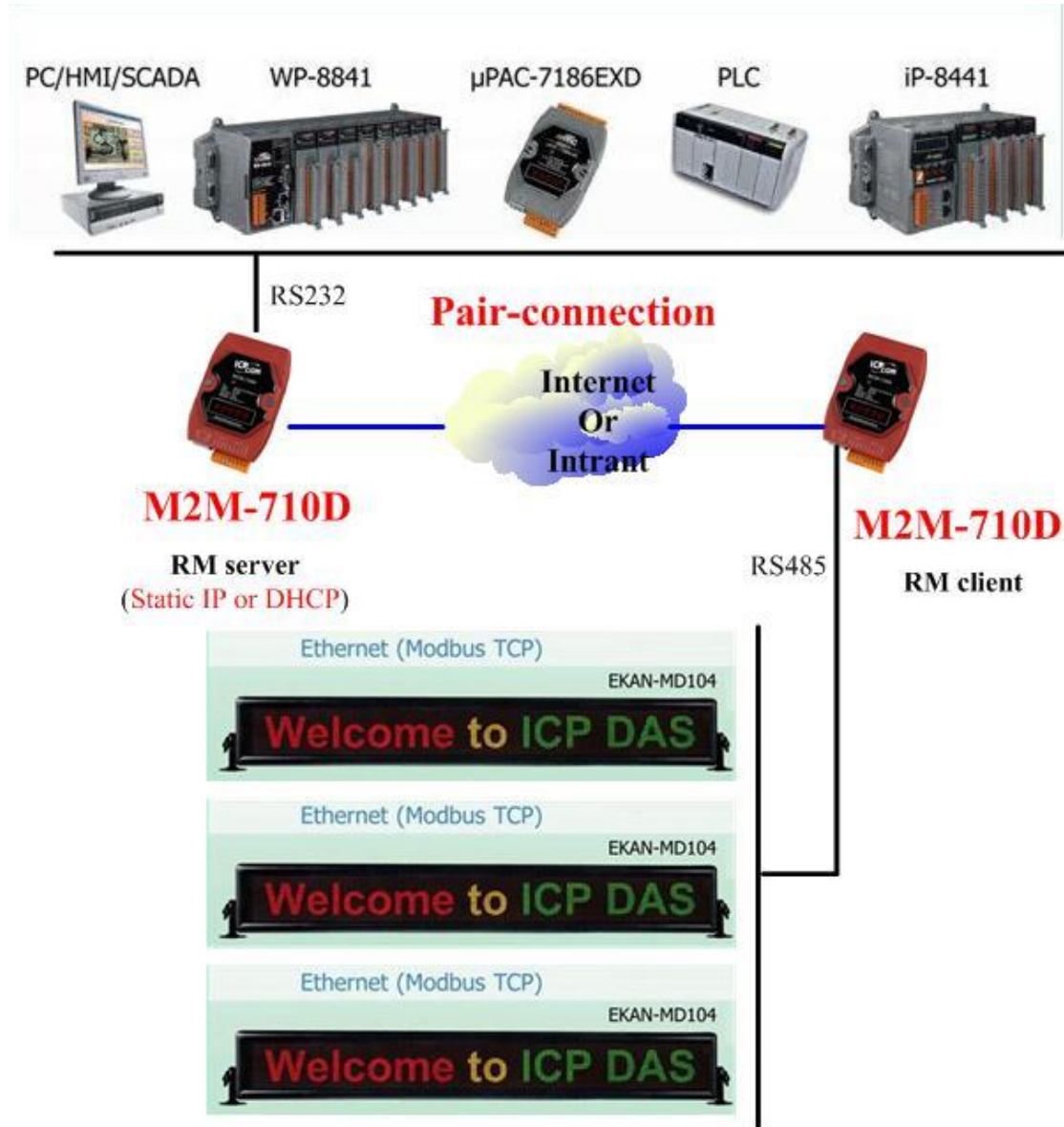


Peer-to-peer application M2M-710D



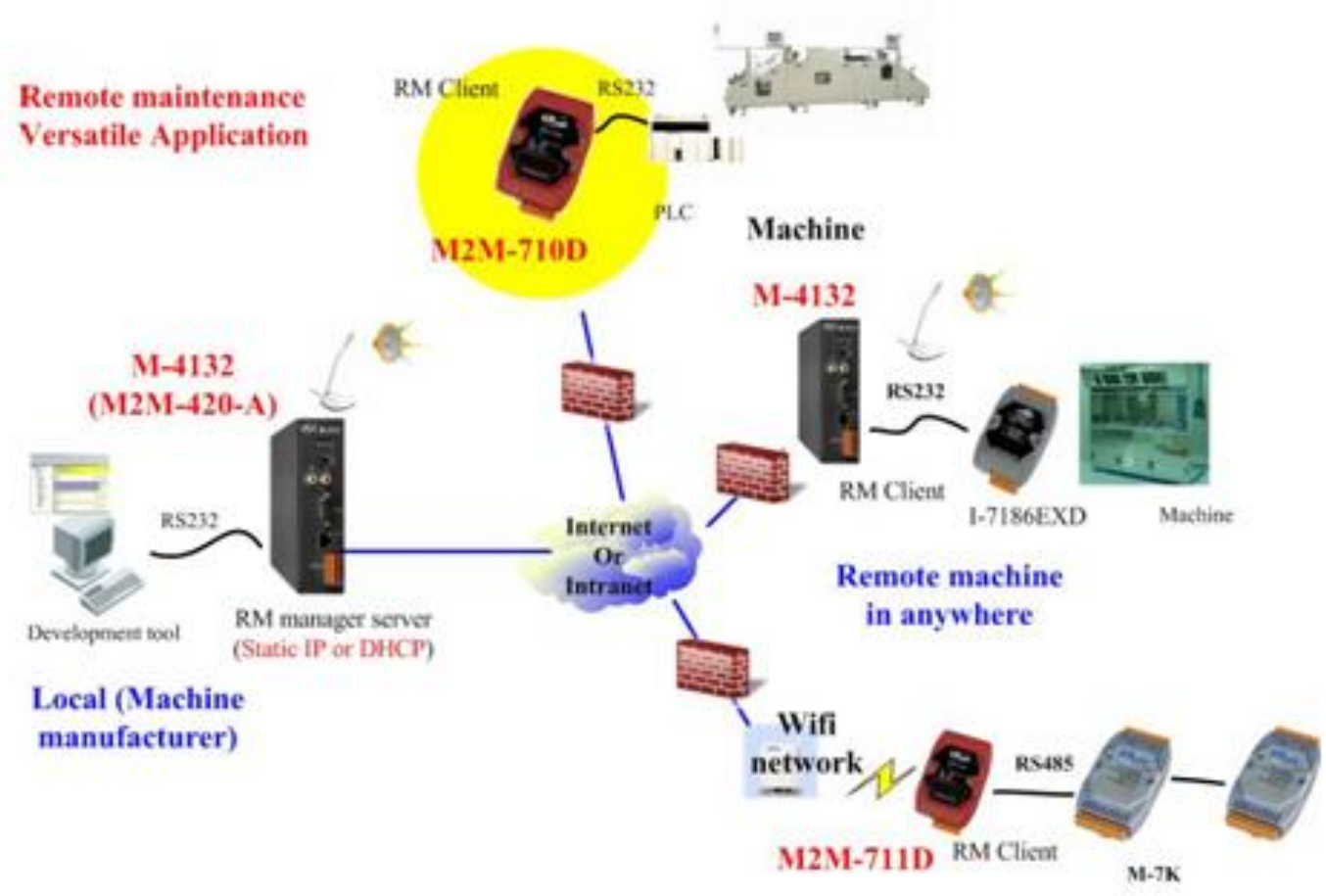


Remote Display System





Remote Maintenance Versatile Architecture





ICP DAS



Thank You

<http://www.icpdas.com/>

<http://m2m.icpdas.com/>