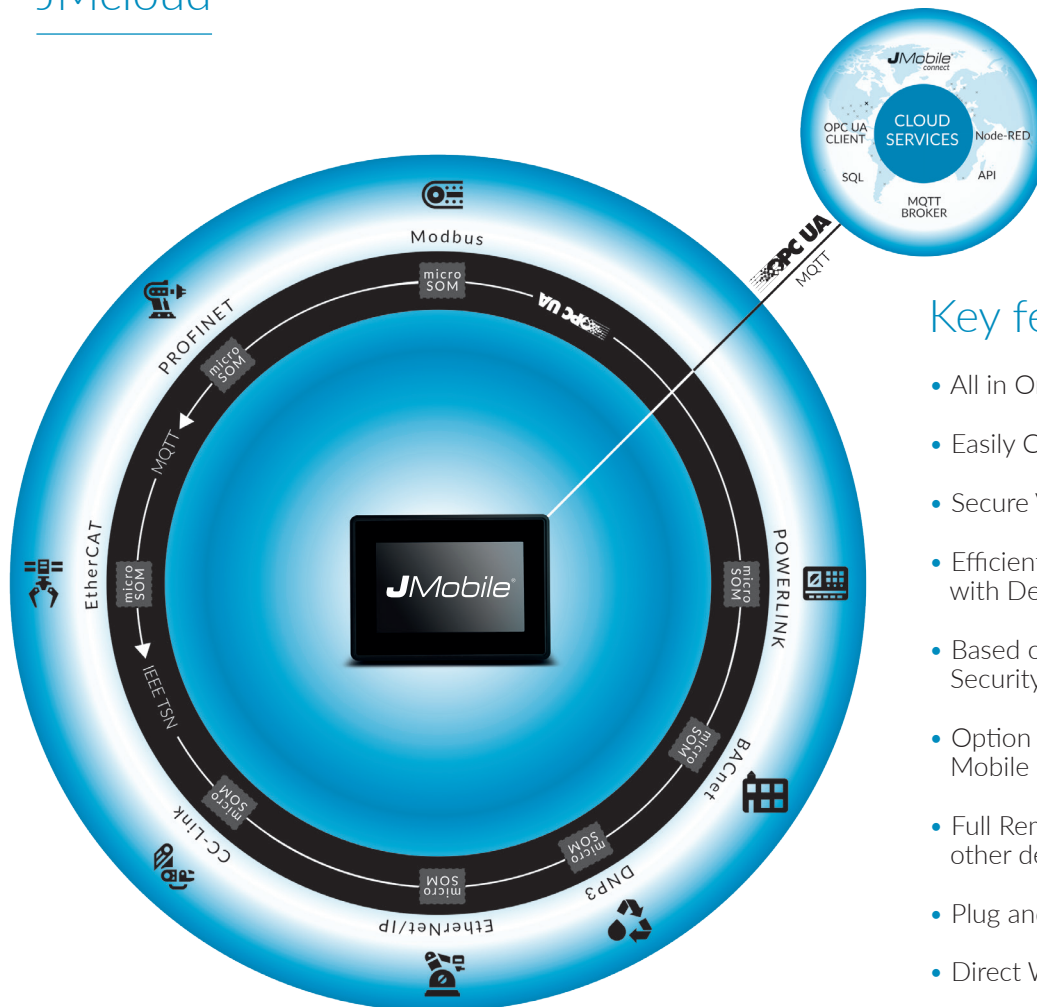


JMcloud



Key features

- All in One Solution
- Easily Connects to applications
- Secure VPN Tunnel
- Efficient server-based Connection with Devices
- Based on openVPN and OpenSSL for Security and Transparency
- Option for Web Access from Mobile Devices
- Full Remote Control of PLC, HMI and other devices
- Plug and Play solution
- Direct Web Access
- OPC UA, MQTT* support

Overview

JMcloud is a Secure Open VPN and SSL based solution that allows to remotely manage Industrial installation in an easy and yet extremely safe manner, avoiding expensive interventions on site.

Simply by entering the credentials of the JMcloud portal, you have direct access to the system and you will be able to perform maintenance and upgrade, using the JMobile platform.

After activating the secure VPN communication to the panel you can reach all the devices connected to the network, such as PLCs, inverters and I/O and you can manage and configure them via proprietary software.

JMobile client and JM4Web, integral parts of the X platform, allow you to view the user interface through both desktop and mobile devices (smartphones and tablets), providing a full monitoring and preventive maintenance service.

Overview

JMcloud components:

- 1) JMcloud Connect is an application used to connect to the cloud service and view and connect to all devices enabled and belonging to that domain. This allows direct monitoring and remote control of all devices. The configuration and maintenance of devices are supported.
- 2) JMcloud Servers are the heart of the whole infrastructure. They store all the configuration data, the access policies, and keep track of the connections to the endpoints (HMI and PLC).
- 3) JMcloud Service is used by HMI for Cloud connection
 - a) For Series eTOP500/600, it comes as the HMI Cloud Enabler that uses the single Ethernet port for PLC and for Cloud connection. If however network separation is required there is the PLCM07 Hardware which uses two separate Ethernet ports, LAN for HMI/PLC and WAN for Cloud connection.
 - b) For the eSMART family (except eSMART107), it comes as a system service and uses the single Ethernet port for PLC and Cloud connection. If however network separation is required a router such as the eXware will be needed.
 - c) For the eX700 series, eXware and eSMART107, it comes as a system service and the possibility of network separation are already in built.
- 4) PLCM09 is a wireless modem plug in available for the eX700 and eXware. With 4 LED indicators on module and network status, a microSIM slot and powered via the plug in connection the PLMC09 adds the ability to communicate with all machines and systems worldwide.

Ordering Information

Model	Part Number	Description
HMI Cloud Enabler	+SWLH00R000000	Software solution for Series 500/600 HMI
PLCM07	+PLCM07U0P1	Plug-in Secure Cloud Connector (Compatible with eX700, eTOP500, eTOP500Glass and Food and Beverage Series)