MITSUBISHI ELECTRIC'S IOT GATEWAY

FACTS

Mitsubishi Electric Factory Automation
us.mitsubishielectric.com/

● **System**

Mitsubishi Electric Factory Automation's IoT Gateway

● **Which Telit module do you use and why?**

None. Mitsubishi Electric Automation's IoT Gateway utilizes deviceWISE embedded technology and m2mAir cloud services.

● **m2mAir Cloud**

m2mAir cloud offers reporting that improves information visibility and access.

● **Benefits**

The company's gateway provides unmatched scalability and flexibility in connecting to existing smart assets, and bridging the IT gap with a simple, clean, and fast IoT solution.

ILS Technology's deviceWISE technology and m2mAir cloud enable flexible connectivity on the company's IoT Gateway.

Gulam Khan, Sr. Automation Solutions Engineer at Mitsubishi Electric

Mitsubishi Electric's IoT Gateway utilizes device-WISE embedded technology in order to make IoT flexible and scalable for a wide variety of assets at facilities, plant floors, and remote sites. Applications that the gateway can securely connect to the Cloud include assets in building automation, data centers, remote pump stations, EV charging stations, distributed solar/wind farms, and plant floors.

Desmond Wheatley, President and CEO of Envision Solar, a leading solar EV charging station company, believes the IoT offers great value because communicating with the components of the charging stations and the company's other products enables design improvements and preventative maintenance through IoT's data intelligence. In addition, sharing much of that data with municipal and corporate customers allows them to track the sustainability goals they are committed to achieving.

Operating the heating and air conditioning (HVAC) systems is often the largest operating expense at a commercial facility. IoT's extended connectivity brings with it the ability to obtain a detailed understanding of the energy consumption profile of a facility and provide opportunities to achieve higher energy efficiency. The ability to continually monitor and analyze energy consumption from anywhere via the IoT is a significant benefit. Additionally, using data collected via a building automation system further provides facility managers' ability to implement behavioral changes that result in even more energy savings. The use of building automation is a robust first step to controlling energy consumption and cost, and it can be beneficial in achieving government energy regulations, explains Jeff Whitelaw, Senior Director, Engineering Management and Testing at Mitsubishi Electric Cooling & Heating.

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IoT Gateway

Energy Intelligence · Manufacturing Intelligence · Predictive Intelligence · Maintenance Intelligence

Smart Assets Connected with:

Mitsubishi Electric Platform · Rockwell Automation Platform · Schneider Electric Platform · Siemens Platform · Honeywell Platform · Omron Platform · Johnson Controls Platform · Other Platforms

Distributed Assets · Remote Assets · Smart Buildings