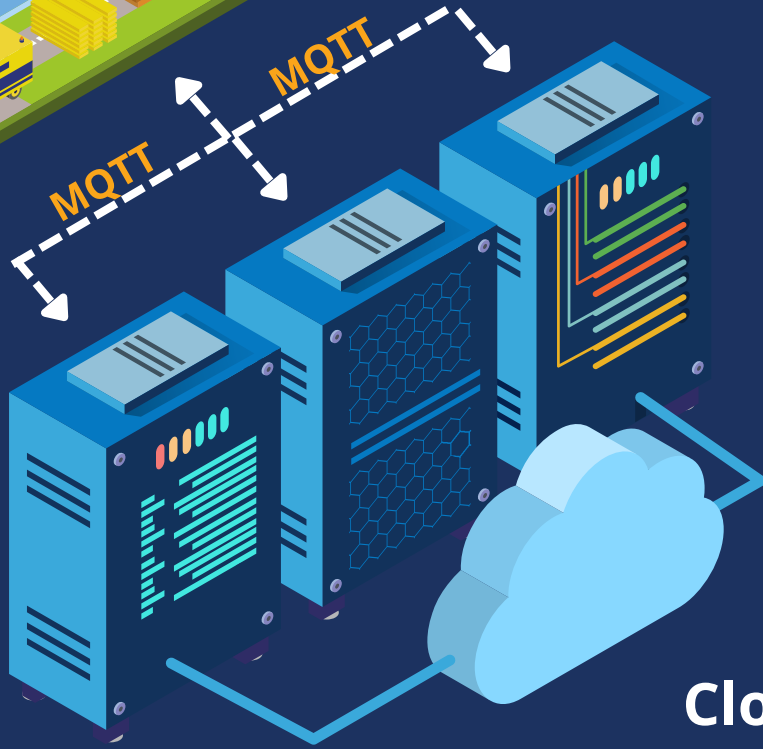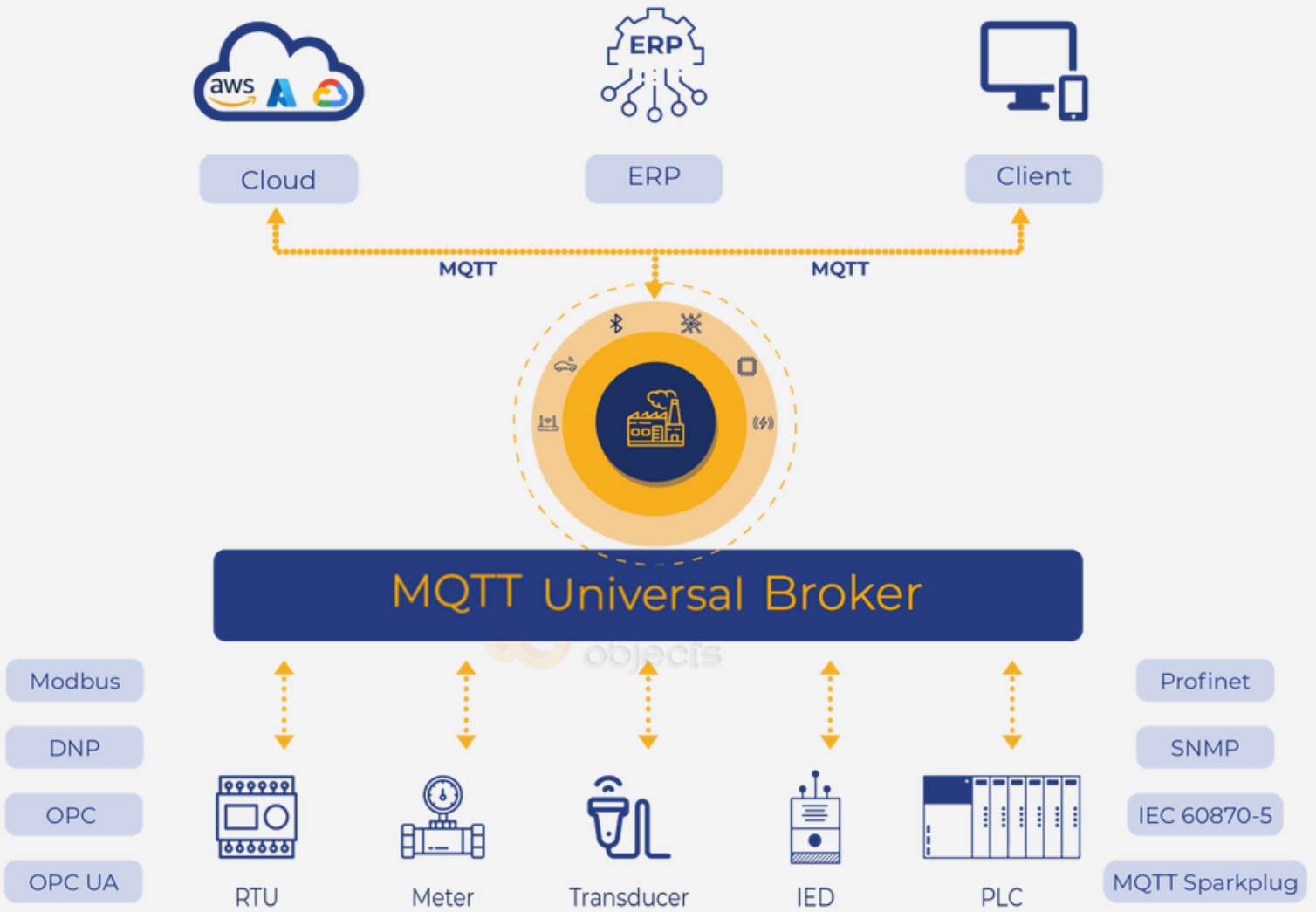**Plant**

MQTT

MQTT

Cloud

MQTT Universal Broker

Instantly move your data from the IIoT, field devices, and automation systems to the cloud.

MQTT Universal Broker is a highly scalable, robust, and cloud-innate solution designed to streamline your IoT connectivity and enable seamless integration with cloud service providers. It empowers you to connect with multiple protocols simultaneously, accommodating from a few to millions of IIoT data sources and automation systems

Cloud

ERP

Client

MQTT

MQTT

MQTT Universal Broker

Modbus

DNP

OPC

OPC UA

RTU

Meter

Transducer

IED

PLC

Profinet

SNMP

IEC 60870-5

MQTT Sparkplug

Universal Connectivity

MQTT Universal Broker simultaneously converts multiple protocols into a single MQTT Broker to enable secure communications with Cloud service providers such as Microsoft Azure, Amazon Web Services, and Google Cloud Platform. Support most industry-standard protocols, such as:

- Modbus
- MQTT Sparkplug/Standard
- OPC UA
- OPC DA
- DNP3
- SNMP
- S7
- IEC 60870-5
- REST
- SNMP
- Profinet
- BACnet

Specifications

- MQTT Standard, MQTT Sparkplug.

Data Visualization

- Easy build and visualize dashboards and SCADA

Cloud-Innate

- Supports data flow from edge to cloud providers such as Microsoft Azure, Amazon Web Services and Google Cloud Platform and on-premises

Data & Events Processing

Our sophisticated Job Engine can:

- Compute, reason, and transform limitless IoT events from device to cloud and cloud to device.
- Perform calculations and notifications (SMS/email)

Highly Scalable

- Simultaneously connect with multiple protocols from a few to millions of simultaneous IIoT data sources and automation systems.

Robust & High Performance

- ·Transfer and process millions of messages per second.

Security:

- Basic Authentication, TLS/SSL
- Signature 4 (for AWS)

Technologies:

- MQTT: Suitable for unreliable networks and limited (CPU, memory) devices.
- MQTT over WebSockets: Suitable for web applications, and lee limited devices.
- Support proxy configuration