

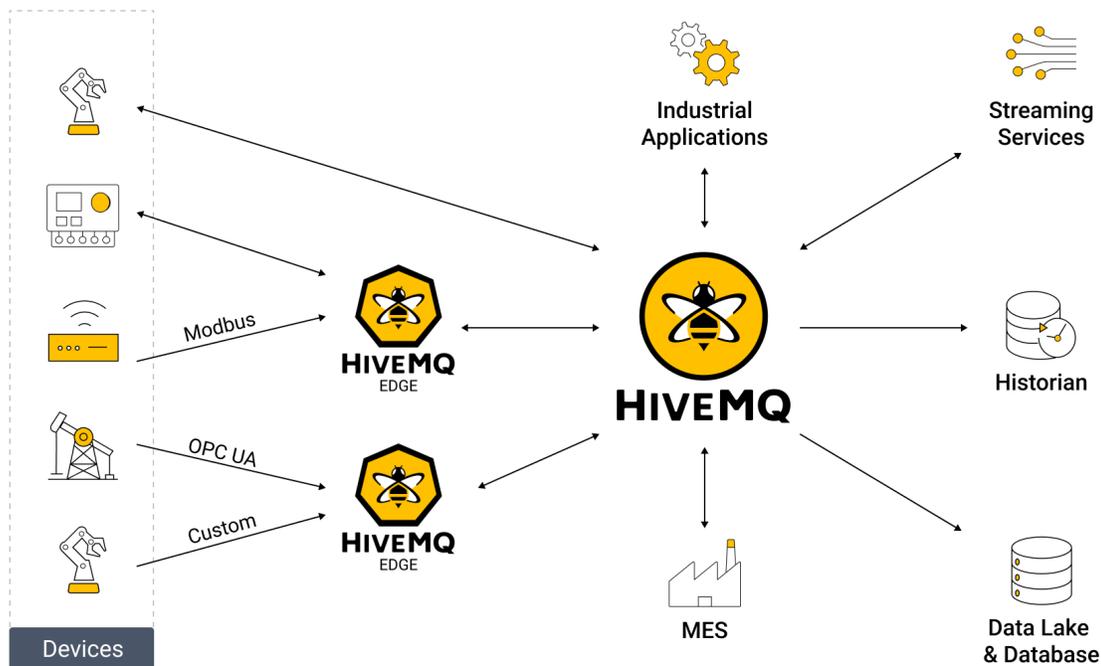
# Software-based Edge MQTT Gateway



HiveMQ Edge is a software-based edge MQTT gateway and protocol converter that enables interoperability between OT and IT systems. By translating diverse protocols into the standardized MQTT format and offering data transformation at the edge, HiveMQ Edge makes seamless and reliable edge-to-cloud integration a reality.

## Industry 4.0 Architecture with HiveMQ Edge

When paired with the HiveMQ MQTT Platform, HiveMQ Edge modernizes IIoT infrastructure and organizes data into a Unified Namespace, making it easier for industrial companies to derive value from data at the edge.



### HiveMQ Customers



AIRFRANCEKLM GROUP

SIEMENS

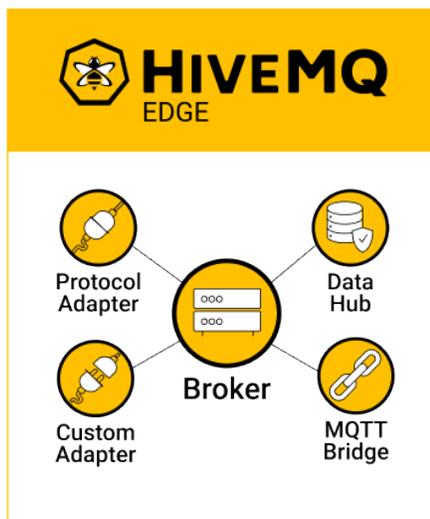


Mercedes-Benz

## HiveMQ Edge is Optimized to Help Companies:

- Connect diverse systems with plug-and-play integrations to legacy OT and automation protocols..
- Ensure data quality standards are centrally defined and enforced, even at the edge.
- Achieve uninterrupted operation by queuing messages in case of a connection failure with zero data loss.
- Build a Unified Namespace by enabling seamless data integration to a centralized data hub.

## Key Features of HiveMQ Edge



**Broker:** Edge-optimized, fully MQTT broker. Incorporates an MQTT-SN protocol for constrained devices.

**MQTT Bridge:** Bidirectional MQTT bridge functionality to connect to enterprise MQTT brokers.

**Protocol Adapter:** Supports diverse industrial protocols such as OPC-UA, Modbus, Siemens S7, and Beckhoff ADS.

**Custom Adapter:** Build custom protocol adapters using our SDK from our open-source repository.

**Data Hub:** Integrated policy engine that validates, enforces, and manipulates data in motion at the edge for optimal data quality.

**Offline Buffering:** In case of an MQTT bridge connection failure, messages are stored on disk and published once the connection is restored.

For more information or to download HiveMQ Edge  
visit [hivemq.com/hivemq-edge](https://hivemq.com/hivemq-edge)