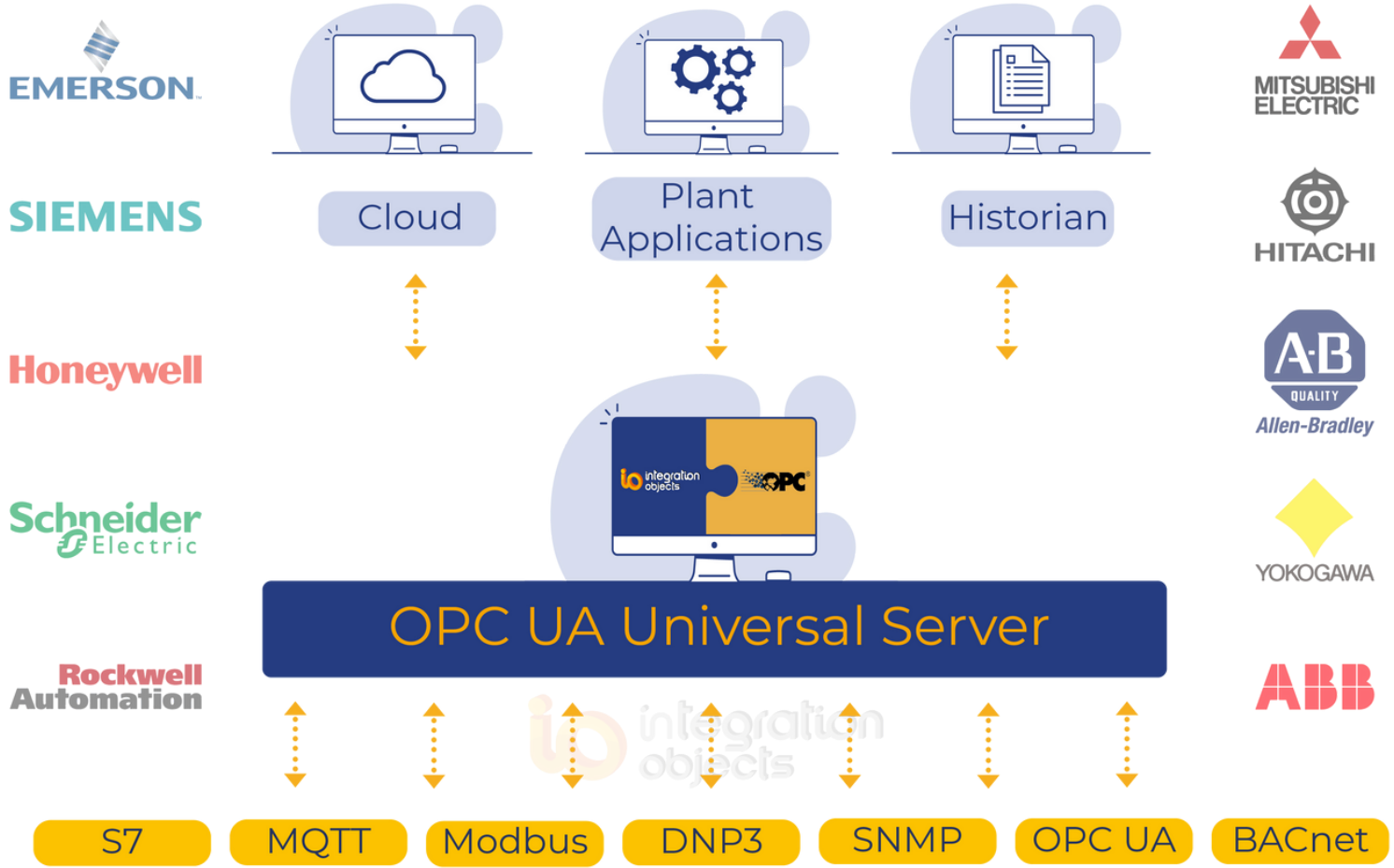


OPC UA Universal Server

OPC UA Universal Server a la carte

The OPC UA Universal Server ensures reliable data exchange by collecting data from single or disparate sources and converting it into the standardized OPC UA format, promoting secure, efficient, and consistent communication.

You can assemble your OPC UA Universal Server in just minutes with the SIOOTH® platform configurator.



Versatile Protocol Support

Connect seamlessly to a myriad of industrial protocols, including:

- **Industrial protocols:** Modbus, OPC DA (64/32), OPC HDA, OPC AE, OPC UA, DNP, S7, Allen Bradley, IEC -104, BACnet, J1939, SNMP
- **IoT protocols:** MQTT, REST
- **Data stores:** MS SQL, MySQL, Oracle, PostgreSQL, Mongo, FTP, Kafka, MS Access, CSV, OSIsoft PI, Influx, ODBC

Protocol Conversion:

- Simplify your data communication and integration by effortlessly converting various protocols into OPC UA.

Centralization:

- Consolidate multiple OPC UA servers into one for unparalleled control.

Cloud Integration:

- Publish OPC UA data to leading cloud platforms such as AWS and Azure while maintaining the highest security standards.

Security:

- Support of basic authentication, TLS/SSL certificates, and data encryption.

Data Modeling:

- Structure and model your data to enhance processing and analysis.

Data Processing:

- Derive meaningful insights from your data through advanced data processing and calculation capabilities.

Time Series Data Historian:

- Capture and preserve historical data for in-depth analysis and informed decision-making.

Visualization and Control:

- Dashboarding and SCADA capabilities for real-time monitoring and control.

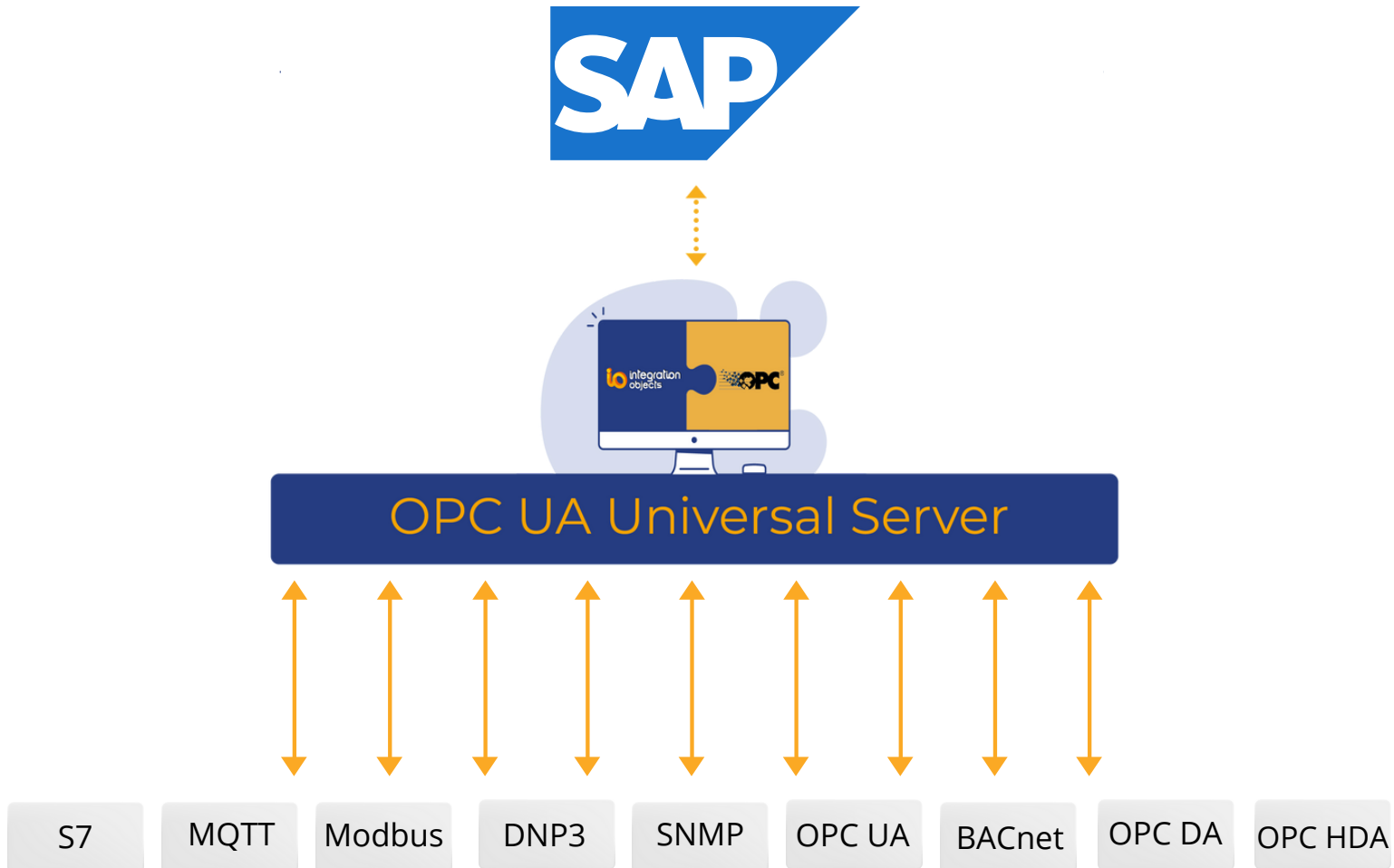
High availability:

- Benefit from distributed architecture, automatic load distribution, and seamless automatic reconnection.

Reliable Data Handling:

- Implement store-and-forward mechanisms and ensure data reliability even in challenging conditions.

Use Case : Integration with SAP



- Protocol conversion: from OPC DA / HDA to OPC UA.
- Integration with SAP via the Universal OPC UA server
- Compliance with security rules, firewalls, and data diodes
- Distributed architecture
- Reconnection
- History catchup
- Health monitoring.