

# Prediktor EDGE Connect

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A multipurpose information HUB  
Collect any data and expose it as OPC UA - OPC

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Prediktor EDGE connect is a component-based communication platform where the core component is Prediktor EDGE Historian. Prediktor EDGE Historian is the executable that will host data interface-, processing- and logging components into one efficient real-time domain. Inbound interface components collect real-time data from heterogeneous data sources

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## Inbound interfaces

OPC UA - OPC DA - OPC HDA - OPC AE - Modbus - MQTT

via open standards or proprietary protocols into one homogenous environment in Prediktor EDGE Historian. The collected real-time streams can be processed in different ways, logged to data storage, exposed to external clients through industry standard outbound interfaces or written back to equipment or systems via the inbound interface components.

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- WITSO - WITSML - NMEA - SQL (ODBC) - and many more...

## Outbound interfaces

Prediktor EDGE Historian exposes several server interfaces that provide access to both raw incoming data as well as processed data on industry standard

server interfaces. Examples of outbound interfaces are: OPC UA Client/Server, OPC UA PubSub, OPC DA, OPC HDA, OPC AE, MQTT and Modbus.

## Data validation

Key to all real-time applications is the integrity of the data coming in (garbage in = garbage out). Prediktor EDGE Connect has an inherent

data-validation feature that will work on all incoming data and validate based on quality, range check, rate of change or watchdog.

## Use Cases

Prediktor EDGE Connect is very flexible and has a wide variety of different uses. Examples include:

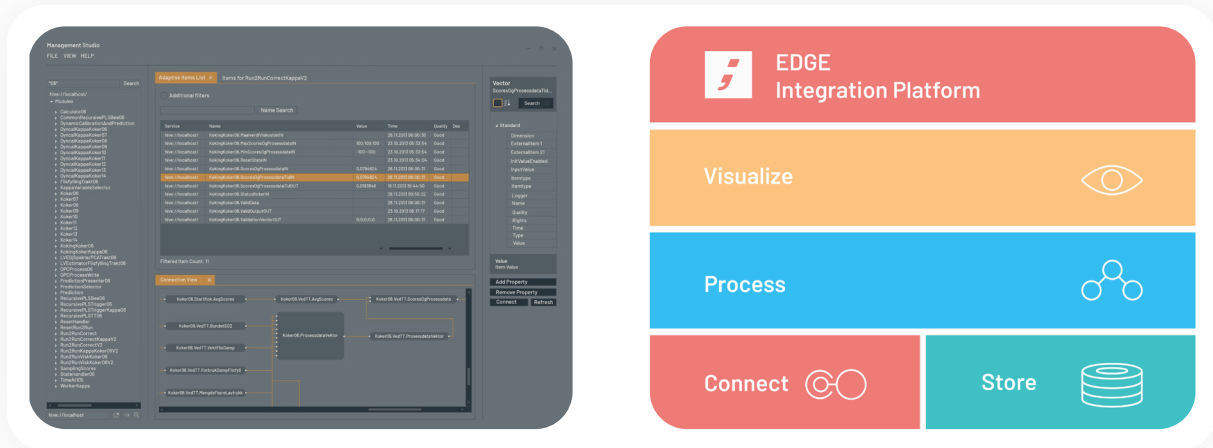
OPC Hub - Aggregate data from many different OPC (or other) sources to one central OPC server.

OPC Wrapper - Translate Classic OPC, Modbus, MQTT, WITSO or WITSML data to OPC UA.

Cross - firewall communication - expose data from secure areas without the need for open in-bound firewall ports.

Cloud Publisher - Publish real-time data streams to your preferred cloud.

Prediktor EDGE Historian - By adding the optional Prediktor EDGE Historian component, Prediktor EDGE Connect can take the role as a high-performance historian collecting and exposing data from remotely distributed systems. Prediktor EDGE connect can be configured and deployed to support numerous needs - please get in contact to discuss your real-time data management needs.



## Contact



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