econ vNode –

flexible **interfaces**

for your **econ4-Software**

We place great importance on manufacturer independence. That is why we enable you to integrate numerous data sources and interfaces.

To do this, we rely on econ vNode— a software that enables simple device connectivity, data processing, and fast data delivery to the econ4 software.

With econ vNode, your econ system also becomes a true data hub. During evaluation and analysis, you can concentrate fully on the graphical presentation.

A product for:
Flexible integration of the industry's most important data transfer models into your econ4 system, such as Modbus TCP, OPC UA, BACnet, MQTT, and REST API.

econ vNode

Versions and modules

Module	Description	Item no.
econ vNode basic module	- The basic module is the requirement for the installation of communication modules - Enables the integration of the data transmission protocols commonly used in the industry into the econ4 system - The connection is made via communication modules that require a license, such as for Modbus TCP, OPC UA, BACnet, MQTT and REST	EC251374
econ vNode OPC UA Client	- Allows authentication by user and password from the OPC UA server - Automatic data browsing - Supports OPC UA specification - Supports encryption methods in security policies and digital certificates	EC251375
econ vNode Modbus Client	- Supports Modbus RTU and TCP (over TCP-Gateway) - Unlimited slave connections (depending on the gateways used)	EC251376
econ vNode MQTT Client	- Provide M2M communications between PLCs and IT applications - Publish and subscribe to any topic from MQTT broker platforms - Payload broker parsing - Provide security levels by using SSL/TLS, certificates or user authentication	EC251377
econ vNode BACnet Client	- A powerful tool that enables seamless connection to BACnet compatible devices - Unlimited datapoints - Automatic device discovery via scan - Automatic tag browsing by device query - Network interface browser	EC251378
econ vNode REST-API Client	- Supported protocols: HTTP and HTTPS - Allows parsing of the JSON payload response - Supports GET, POST, PUT, PATCH and DELETE request methods	EC251380
econ vNode derived tags module	Enables user defined logic to calculate and aggregate various measured values from different data sources for data analysis in the econ4 application	EC251379