With more than 20 years of experience in OPC technology and a close working relationship with the OPC Foundation, Softing is the ideal partner for all OPC topics. Softing develops and markets a broad range of development tools and consumer products, including gateways for innovative and secure IoT architectures. This makes it possible to realize state-of-the-art solutions for OPC-based data exchange, optimally tailored to individual requirements, both in brownfield applications and new systems. The product range is supplemented by appropriate training and development services.

OPC is the world’s leading interoperability standard for secure and reliable data exchange in industrial automation and other applications. It ensures the seamless flow of information between devices and software applications of different manufacturers. The current OPC UA (Unified Architecture) standard is platform-independent, leveraging advanced security and data modeling technologies to deliver future-proof, scalable and extensible solutions. Companion Specifications further simplify the use of OPC UA for the end user.

https://data-intelligence.softing.com/opc_competence
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dataFEED OPC UA and OPC Classic SDKs

Fast Development of OPC Servers and Clients

Evaluating and comparing OPC UA and OPC Classic Classic simultaneously in application environments. The SDKs are based on a comprehensive set of libraries featuring a simple and well-documented programming interface. Embedded multiple applications as well as test and simulation tools allow for a short time-to-market of OPC enabled products.

OPC UA Gateways

Embedded OPC UA Server Gateways for Siemens and Modbus PLCs

Enabling OPC UA access to Siemens PLCs and Modbus PLCs through an embedded OPC-UA gateway for fast integration. The OPC UA gateways comply with the OPC-UA standard and provide a secure and flexible OPC UA-based IT/OT Integration Solution.

OPC UA and OPC Classic Servers, OPC Middleware

All-In-One Software Solution for OPC Communication

Enabling OPC Classic and OPC UA access to Siemens and Modbus PLCs through an embedded OPC-UA gateway for fast integration. The OPC UA gateways comply with the OPC-UA standard and provide a secure and flexible OPC UA-based IT/OT Integration Solution.

dataFEED Secure Integration Server

Secure and Flexible OPC UA-based IT/OT Integration Solution

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Product-Related Services

- Product audit: "OPC Engineering Cloud" - OPC-UA and OPC Classic
- Evaluation basics for developer - development of an OPC Classic client
- Consulting for your OPC UA and certification support

OPC UA Gateways

- Requirements for a short time-to-market of OPC-enabled products.
- Relevant example applications as well as test and simulation tools allow for a short time-to-market of OPC enabled products.

OPC UA and OPC Classic Servers, OPC Middleware

- Secure and Flexible OPC UA-based IT/OT Integration Solution
- OPC UA gateways for Siemens PLCs and Modbus PLCs
- Embedded OPC-UA gateway for fast integration

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**OPC UA Gateways**

- **Embedded OPC UA Server Gateways for Siemens and Modbus PLCs**
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dataFEED OPC UA and OPC Classic SDKs

Fast Development of OPC Servers and Clients

Simplifying programming and fast integration of OPC UA or OPC Classic connectivity capabilities in automation applications. The SDKs are built on a comprehensive set of libraries featuring a simple and well-documented programming interface. Related examples as well as best and solution hacks allow for a short-time-to-market of OPC-enabled products.

Embedded OPC UA Server Gateways for Siemens and Modbus PLCs

Eating up to 80% of your development time with this software-based solution. A high-performance, flexible firmware module for Predictive 4.0. The integrated OPC UA server enables easy and secure data connectivity to higher-level management systems or S7-1200 systems. The OPC UA gateway can operate on a network and at the same time industry-grown drivers may also be used.

OPC UA Gateways

OPC UA and OPC Classic Gateways, OPC Middleware

All-In-One Software Solution for OPC Communication

Eating up to 80% of your development time with this software-based solution. A high-performance, flexible firmware module for Predictive 4.0. The integrated OPC UA server enables easy and secure data connectivity to higher-level management systems or S7-1200 systems. The OPC UA gateway can operate on a network and at the same time industry-grown drivers may also be used.

OPC UA and OPC Classic Servers, OPC Middleware

Secure and Flexible OPC UA-based IT/OT Integration Solution

DataFEED's integrated, server-based software offers a secure data integration layer for all applications aggregating production and machine data. It applicators can access this data through consistent software interfaces. Users gain a better flexibility to continuously link their IT solution throughout the entire time of system usage, while at the same time, benefit from significantly reduced costs for integration and configuration.

dataFEED Secure Integration Server

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Investment Security Through Innovative License

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dataFEED OPC UA and OPC Classic SDKs

**Fast Development of OPC Servers and Clients**
- Seamless integration of fast integration of OPC UA or OPC Classic connectivity capabilities in application solutions.
- The SDKs are built on a comprehensive set of libraries featuring a simple and well-documented programming interface.
- Reduced development time as well as test and validation tools allow for a shorter time-to-market of OPC enabled solutions.

**OPC UA Gateways**
Embedded OPC UA Server Gateways for Siemens and Modbus PLCs
- Fulfilling the OPC UA standard with the latest extensions towards new requirements for Industry 4.0.
- The embedded OPC UA server enables easy and secure data connectivity to higher-level management systems such as KPI or KPI systems.
- The OPC UA gateway can operate, configure, and at the same time industry-grown processes may stay the same.

**OPC UA and OPC Classic Servers, OPC Middleware**
All-In-One Software Solution for OPC Communication
- Support of all safety functions of OPC UA, such as Modbus, ProfiBus, OPC Classic, and OPC UA with direct integration into cloud solutions.
- Support of various PLCs and Historian via OPC UA and MQTT Communication.
- Gateway to Big Data and IoT Clouds Solutions
- Easy integration of production data into NoSQL Big Data storage solutions such as MongoDB.
- Easy integration of IT applications with standard OPC UA applications.
- Adaptable in automation network transparent for IT applications.
- Common, stable OT interface for different IT applications.

**dataFEED Secure Integration Server**
Secure and Flexible OPC UA-based IT/OT Integration Solution
- DataFEED Secure Integration Server offers a secure data integration layer for all applications aggregating production and machine data. It applications can access this data through consistent software interfaces. Easy and secure data sharing is continuously updated throughout the cycle of the controller system while, at the same time, bringing significantly reduced costs for integration and configuration.

**Complete Solution Addressing All Customer Requirements**
- Comprehensive scope of delivery for easy and fast development.
- High performance and low footprint size.
- OPC Classic functionality across all product lines.
- OPC Classic in industrial-strength environments.
- OPC Classic and OPC UA environments.
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**OPC UA Gateways**
- Secure and Flexible OPC UA-based IT/OT Integration Solution
- DataFEED Secure Integration Server offers a secure data integration layer for all applications aggregating production and machine data. It applications can access this data through consistent software interfaces. Easy and secure data sharing is continuously updated throughout the cycle of the controller system while, at the same time, bringing significantly reduced costs for integration and configuration.

**OPC UA Gateways**
- Embedded OPC UA Server Gateways for Siemens and Modbus PLCs
- Fulfilling the OPC UA standard with the latest extensions towards new requirements for Industry 4.0.
- The embedded OPC UA server enables easy and secure data connectivity to higher-level management systems such as KPI or KPI systems.
- The OPC UA gateway can operate, configure, and at the same time industry-grown processes may stay the same.
With more than 20 years of experience in OPC technology and a close working relationship with the OPC Foundation, Softing is the ideal partner for all OPC topics. Softing develops and markets a broad range of development tools and consumer products, including gateways for innovative and secure IoT architectures. This makes it possible to realize state-of-the-art solutions for OPC-based data exchange, optimally tailored to individual requirements, both in brownfield applications and new systems. The product range is supplemented by appropriate training and development services.

OPC is the world’s leading interoperability standard for secure and reliable data exchange in industrial automation and other applications. It ensures the seamless flow of information between devices and software applications of different manufacturers. The current OPC UA (Unified Architecture) standard is platform-independent, leveraging advanced security and data modeling technologies to deliver future-proof, scalable and extensible solutions. Companion Specifications further simplify the use of OPC UA for the end user.