

OPC UA Client Gateway

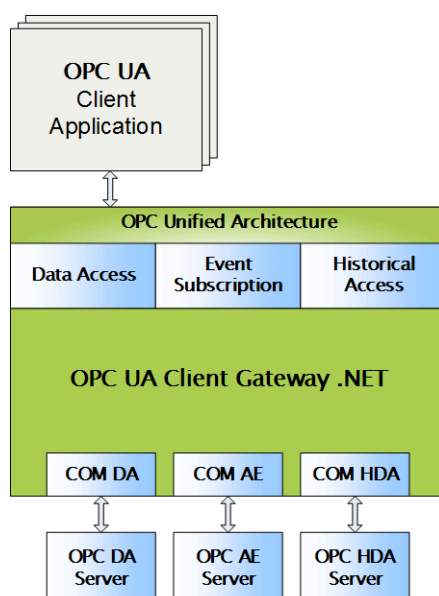
Access Classic OPC Server with Unified Architecture Clients

OPC Unified Architecture

OPC Unified Architecture (UA) is a platform-independent standard through which various kinds of systems and devices can communicate by sending Messages between Clients and Servers over various types of networks.

Classic OPC

The **OPC UA Client Gateway .NET** allows any OPC UA Clients to access Classic OPC DA, AE and HDA servers. The **OPC UA Client Gateway .NET** can be configured with an integrated configuration tool. With this tool you can specify the Classic OPC Server to be used as well as starting node (folder) within the UA address space to be used for mapping the Classic OPC Server address space.



- Fast and easy access to the OPC Unified Architecture (UA) technology.
- Automatically reconnect a Classic OPC Server in case connection is lost.
- Can be configured to use multiple Classic OPC Servers

If your application requires access to the OPC technology you have to decide which of the OPC Specifications you want to support. The decision depends on many factors like the used OPC specifications supported by third party products or the system architecture you want to use. Technosoftware GmbH is specialized in software consulting and development services for technical and industrial applications based on OPC and the founder of Technosoftware GmbH was involved in the design and development of many software products with OPC connectivity with more than 20 years extensive knowledge about OPC.

The OPC Unified Architecture (UA) is THE next generation OPC standard that provides a cohesive, secure and reliable cross platform framework for access to real time and historical data and events.

It's Time to Adapt this specification for use in your applications with keeping in mind that you may need to support other OPC specifications as well. The Classic OPC specifications are widely used and it is important that your application can support these specifications.

We recommend considering designing your application to use the OPC Unified Architecture in the first place with the option to have access to the Classic OPC Specifications.

For more information on any of our products or services please visit us on the Web at:
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Features and Benefits

You have a Classic OPC Server which is no longer supported or updated by the server vendor but need to integrate it into OPC UA? You want to eliminate the need to configure DCOM for network operation? The **OPC UA Client Gateway .NET** is the right choice for this.

The **OPC UA Client Gateway .NET** allows any OPC UA Clients to access Classic OPC DA, AE and HDA servers.

The **OPC UA Client Gateway .NET** can be configured with an integrated configuration tool. With this tool you can specify the Classic OPC Server to be used as well as starting node (folder) within the UA address space to be used for mapping the Classic OPC Server address space.

In general Technosoftware has tested the **OPC UA Client Gateway .NET** with Classic OPC servers and OPC UA clients from different vendors.

Features

Gateway is fully compliant to OPC UA 1.01, 1.02 and 1.03

Gateway is fully compliant to OPC DA 2.05, OPC DA 3.0, OPC AE 1.10 and OPC HDA 1.20 servers.

OPC DA, AE and HDA address space and functionality is mapped to separate nodes within the UA address space.

Automatically reconnect a Classic OPC Server in case connection is lost.

Can be configured to use multiple Classic OPC Servers, each server's address space mapped to its own folder.

Increased maintainability and usability.

Supported Classic OPC

- OPC Data Access 2.00, 2.05a, 3.00
- OPC Alarms&Events 1.00, 1.02, 1.10
- OPC Historical Data Access 1.00, 1.10, 1.20

Supported OPC UA Profiles

- Standard UA Server
- DataAccess Server Facet
- Basic Event Subscription Server Facet
- Historical Access

Evaluation

The evaluation allows a smooth and efficient development of OPC UA Client and OPC UA Server applications. Get it at <https://technosoftware.com/solutions>.

Not Included

For technical support requests you need to purchase an OPC UA Support Subscription in advance.

For more information on any of our products or services please visit us on the Web at:
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