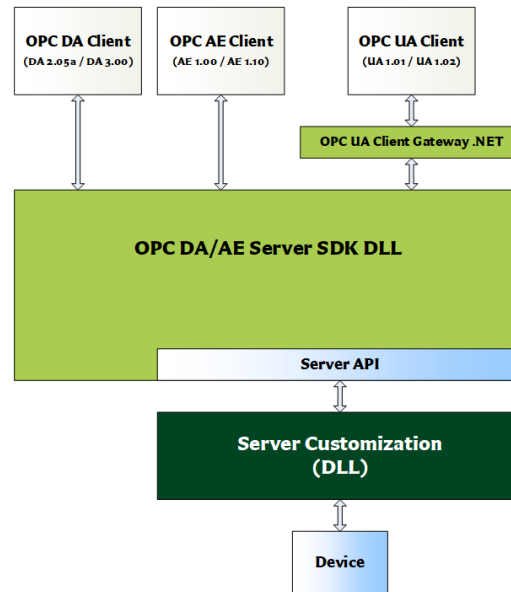# OPC DA/AE Server SDK DLL

Classic OPC Server Development

Classic OPC
The **OPC DA/AE Server SDK DLL** gives you direct access to the two most important Classic OPC specifications: OPC Data Access and OPC Alarms&Events.

OPC Unified Architecture
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 Classic (DA, AE) technology.

↗ Develop OPC DA and AE compliant Servers with C++ or any compiler capable of generating Windows DLL's.

↗ Create royalty free OPC Classic Server applications.

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 then 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.

In some cases it may still usefull to have direct access to the Classic OPC specifications. For this you can use the **OPC DA/AE Server SDK DLL** which gives you direct access to the two most important 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

The **OPC DA/AE Server SDK DLL** offers a fast and easy access to the OPC Classic Server technology. Develop OPC compliant DA and AE Servers with C++ or any compiler capable of generating Windows DLL's.

The **OPC DA/AE Server SDK DLL** offers unique features for performance and functionality improvements of the developed OPC Server like Event Driven Mode for Device Access; Dynamic address space with items added when they are first accessed by a client and removed when they are no longer in use; Item browsing can be implemented to browse the cache or the device/database. The server supports all mandatory and optional OPC DA 2.05a interfaces and all mandatory OPC DA 3.00 interfaces. Also supported are OPC AE 1.00 and AE 1.10.

With the use of the **OPC UA Client Gateway .NET*** any OPC UA Clients can access Classic OPC DA and AE servers.

Features

Servers are fully compliant to OPC DA 2.05, OPC DA 3.0, OPC AE 1.00 and OPC AE 1.10 clients.

Supports 32bit and 64bit mode.

Easy to understand and well documented sample servers shows how to use the API.

Tested with the OPC Foundation Compliance Test Tool.

Increased maintainability and usability through the use of consistent coding guidelines and standard naming conventions.

Supported OPC Specifications

↗ OPC Data Access 2.05a

↗ OPC Data Access 3.00

↗ OPC Alarms&Events 1.00

↗ OPC Alarms&Events 1.10

Included Service and Support

Depending on your needs we offer our products without support or with support subscription.

More Service and Support Available

On-Site OPC Training *

Server Development *

Client Development *

* Not included in the Product License or the Maintenance Package

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