

OPC Professionals at your disposal

Are you looking for OPC Connectivity?

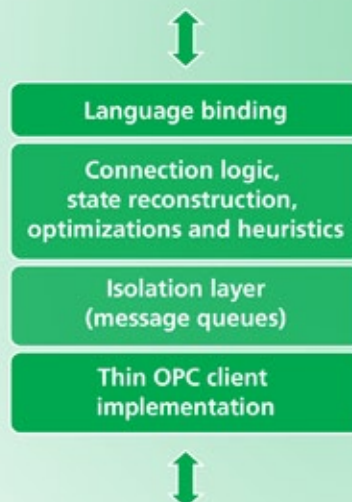
We will develop OPC client for your device or system, or enhance your application to include OPC client functionality. OPC Clients developed by OPC Labs run day and night in installations around the globe.

Benefits

- Your software will be based on inside knowledge of OPC, its specifications and its intricacies, without requiring you to become an OPC Foundation member
- You will get full OPC compliance, and realize benefits of OPC interoperability testing available normally to OPC Foundation members only
- Your time to market will be significantly reduced, and you can stay focused on your core expertise
- Significant cost savings
- High performance and reliability with field-proven code basis

OPC Client Kit

OPC Client Kit is feature-rich and robust set of library code and components for consuming OPC data. OPC Client Kit cannot be purchased separately. It is only available in conjunction with custom development services provided by OPC Labs. With the custom development, you will get this toolkit included in your client free of charge. OPC Client Kit is also at heart of other OPC Labs' products such as QuickOPC or OPC Time Monitor.



Toolkits

No OPC client is developed from scratch, and OPC Labs have experience with many toolkits that speed up the development and are available on the market, such as ICONICS, Softing or Technosoft. OPC Labs also has developed its own toolkit. We will evaluate the requirements and recommend the toolkit that is right for your client.

Success Story

Air Products and Chemicals, Inc., a worldwide supplier of industrial gases and equipment, needed a combined OPC Client and OPC Server software, for its equipment used in semiconductor industry. Using its OPC Client Kit, and ICONICS OPC ToolWorX, OPC Labs have created a combined client-server solution with advanced built-in computation logic.

Key Features

With OPC Client Kit, your OPC Client will automatically support following features:

- Specifications: OPC Data Access 1.0, 2.0 and 3.0, OPC Alarms and Events, OPC Universal Architecture (under development). Tested for interoperability and for compliance with standards.
- Visual Studio 2005 and Visual Studio 2008 development environments. Custom code in native C++, or in combination with any .NET language.
- Clients run under operating systems ranging from Windows 2000 to Windows Vista and Windows Server 2008.
- Multi-threaded, non-blocking design for high performance.
- No limits to number of connections, subscriptions, or tags.
- Internal messaging layer provides isolation between OPC communications and the custom client code, resulting in high resiliency.
- Automatic server status checking, detection of connection problems and server failures, and automatic reconnects. Maintains client state and reconstructs the internal state of OPC server after reconnection.
- Supports all flavors of OPC synchronous and asynchronous reads and writes, subscriptions, browsing, and property access.
- Multiple independent OPC server connections.
- Intelligent OPC Group parameter optimization (optional).
- Full source code included with delivery.

