TOP Server OPC Client Suite OPC & I/O Server:  
OPC DA Client Driver Details

This driver is a member of the TOP Server OPC Client Suite. When you download or purchase the OPC Client Suite, this driver is included along with all the TOP Server built-in features. This driver can be used to aggregate data from a number of OPC DA Servers and made available to clients of the TOP Server through all supported interfaces, like SuiteLink, NIO/PDB and DDE. This provides the ability to connect to any OPC DA Server to Wonderware, iFix or DDE Clients through their native interfaces. This will provide the ability to replace OI Gateway, FGateway or OPCLink in many cases.

The TOP Server OPC DA Client Driver enables standard, reliable connectivity to local or remote 3rd party OPC DA Servers. The OPC DA Client Driver has the ability to aggregate information collected from multiple OPC DA servers, giving your client applications a single point-of-access for all of your process data.

Once available in TOP Server, data from OPC DA Servers can be shared using TOP Server’s OPC UA, OPC DA, DDE or native interfaces such as Wonderware SuiteLink and GE iFix PDB, providing client connectivity for InTouch, System Platform, GE iFix or any OPC DA or DDE Client applications on the market.

Use the OPC DA Client driver as a bridge to move your client technology forward to the latest OPC standard, OPC UA. Give OPC UA clients access to your existing OPC DA Server applications now without having to wait for those OPC DA Servers to have an OPC UA interface.

Additionally, when combined with the OPC UA Client driver on a remote client machine, you can tunnel OPC DA data to remote client applications with NO DCOM!
Protocols Supported:

- OPC DA 1.0, 2.0 and 3.0 (Does not support 3.0 advanced operations)

OPC DA Client Driver Features:

- Single, reliable connection point to access data from multiple OPC servers on local and remote machines
- Search for OPC DA Servers or specify directly
- Connect via Local or InProc methods
- Integrate OPC DA Server information through the TOP Server Namespace
- Translate OPC DA Server data to any supported TOP Server Client Interfaces
- Optimize performance of OPC servers through OPC groupings that may be different than those required or allowed by your clients.

Additional Features:

- Connection monitoring and reconnect behaviour can be configured for each OPC Server
- Provides connectivity to remote OPC servers for clients that do not support DCOM
- Allow connectivity to multiple OPC servers from clients that do not support multiple connections or handle multiple connections well
- Remote OPC DA Server Tag Browsing
- Automatic Tag Database Generation from OPC Server
- Allow connectivity to OPC DA servers (local or remote) using different interfaces that are supported by clients, such as:
  - DDE
  - Wonderware SuiteLink
  - GE Intelligent Platforms (GE iFix)
- Data Updates via Exception (Subscription) or Polling
- Deadband Control (Percent or Absolute)
- Watchdog Item Callback Monitoring (for integrity of exception/subscription based updates)
- Two-dimension Array Support