

## APLNext Application Server v4.0.10 Update

### APLNext Desktop Server v4.0.24 Update

#### Overview

The APLNext Application Server is a high-performance, high-reliability application system development tool which can expose APL+Win functions supporting algorithms and business rules as web services for client requests over the Internet or a private network.

- Automatic request queueing, server-side APL+Win instance pooling and client request forwarding for load balancing and scalability to multiple servers if necessary.
- Active logging of server activity and client requests for development, testing and accounting
- Programmer-customizable timeouts, headers, document types and error messages
- Programmer-visible and -debuggable desktop server component for development and testing
- Administration tool included for server configuration
- Based on Microsoft .Net technology for multi-threaded server-side APL+Win instances
- Programmer-controlled stateless or stateful processing of client requests
- Included [WebTransfer](#) component for easy configuration of synchronous or asynchronous web services clients
- Included [Application Services Controller](#) component to administer web services under program control

APLNext Application Server is the production version of the software. APLNext Desktop Server is designed as the development and testing platform for APL+Win programmers web-enabling their application systems. [Demonstration and evaluation versions](#) of these web services tools are available for download on the APL2000 Web Services Forum.

#### Software Enhancements

Version 4.0.10 of the APLNext Application Server and 4.0.24 of the APLNext Desktop Server incorporate the following modifications:

- The APLWS\_HELP.pdf documentation file has been significantly revised and is installed with the software. This document is also available for [download](#) on the APL2000 Web Services Forum.
- The previous dependency of the software on the APL+Win aplw.adf file has been eliminated.
- The software installer is now digitally signed.
- The software now requires that APL+Win [developer or runtime] version 15 or higher be registered as an ActiveX component on the target machine.
- The software installer now creates the 'verbose' optional parameter in the registry of the target machine. This parameter can be used to generate more detailed log information for the software.

- The most significant web services documentation topics on the APL2000 Web Services Forum have been designated as 'information' topics so that they now appear at the beginning of the forum and have been revised to reflect the latest version of the products.