

# KEP ServerEX

## High Performance OPC Server Software

### Description

KEP ServerEX is the latest generation of KEPware's OPC server technology. Building upon the original KEPserver, KEP ServerEX has incorporated many of the features requested by KEPware's customers. In addition to customer driven enhancements, many technological changes have occurred. These features and enhancements have all been made with the goal of providing an OPC server that demonstrates unparalleled compatibility and performance. A few of the enhancements are transparent to the user, but there are a number of new features that are readily apparent and directly available to the user. The following sections will describe the primary features of KEP ServerEX.

### Application Connectivity

KEP ServerEX supports the following client server technologies:  
 OPC Data Access Version 1.0a & 2.0  
 DDE Format CF\_Text, XL\_Table & AdvancedDDE

### Device Connectivity

KEP ServerEX allows you to use a number of communications drivers concurrently.

### Runs as NT Service

KEP ServerEX supports running as a service under Windows NT/2000. Service operation is completely user configurable from the Tools|Options menu and can be changed at any time allowing you to move from normal stand alone program operation to NT service mode.

### Data Scaling

KEP ServerEX now supports direct scaling of device data. Scaling allows raw device data to be converted to engineering units for OPC client applications. KEP ServerEX provides a number of unique scaling features that make it easy to implement scaling in your application.



### On-Line Full Time

The full time on-line mode of operation allows a KEP ServerEX project to be modified while the server continues to supply data to client applications. Almost every parameter can be changed while the server is operating.



### User Management

KEP ServerEX includes a built-in User Manager that allows complete control over what types of functionality each individual user can access.

### Tag Management

KEP ServerEX's new user defined tag management features allow you to create a tag database structure that fits the nature of your application.

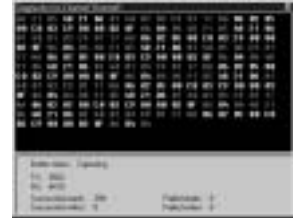
### Automatic Tag Database Generation



The Automatic Tag Database Generation feature brings OPC technology one step closer to Plug and Play operation. Drivers that support this feature can either read tag information directly from a device or generate tags from stored tag data.

### Diagnostics

KEP ServerEX's new diagnostic features provide real-time data on the performance of your communication driver. All read and write operations can be viewed in the diagnostic display window of KEP ServerEX or can be tracked directly in your OPC client application by using its built-in diagnostic tags.



### Modem Support

KEP ServerEX supports the use of modems on all serial communication drivers. Modem control is provided by a set of new modem tags.

### OPC Quick Client

KEP ServerEX includes an extensive OPC Quick Client application to aid in the development of your OPC applications.



### Visual Basic Examples

The simple and complex VB examples included with KEP ServerEX are well commented and provide additional pointers for using OPC servers in your VB applications.

### System Requirements:

	<u>Minimum</u>	<u>Recommended</u>
<b>Operating System:</b>	Windows 98	Windows NT 4.0 SP5 or better
<b>Processor:</b>	Pentium 200Mhz	Pentium 400Mhz
<b>Ram:</b>	32 MB	64 MB
<b>Disk Space:</b>	10 MB	10 MB

**NOTE:** While KEP ServerEX will run on Windows 95 and Windows 98 we strongly recommend the use of either Windows NT 4.0 SP5 or Windows 2000 for use in industrial applications.

For More Information call KEPware, Inc.

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