



**Advantech Studio, a powerful, integrated collection of automation tools.**

# Advantech Studio

*... the POWER of Web Automation at Your Fingertips!*

**Advantech Studio** connects you to the world with powerful automation tools to develop modern Human Machine Interfaces (HMI) and Supervisory Control and Data Acquisition System (SCADA) applications.

The Advantech Studio enables complete control and monitoring from anywhere outside the plant through any connection to the Internet. Plant personnel can also maintain a constant vigil for occurring alarms with Advantech Studio's page and email warning capabilities. A simple drag and drop, point and click development environment that runs native on Windows NT, 2000, 98 and CE, accessed on the Intranet or Intranet environment. Advantech Studio is the eAutomation solution for control and monitoring all your live processes.

ADVANTECH AUTOMATION CORPORATION  
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*Evolved for the eWorld*

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## Advantech Studio Capabilities

### Advantech Studio

- Provides on-line configuration and remote management capabilities
- Uses real-time graphical interface to develop industrial automation, instrumentation and embedded systems
- Publishes real-time dynamic and animated graphic screens, trends, alarms, reports and recipes to standard browsers
- Imports and exports recipes, reports and real-time data in XML format
- Utilizes the same development environment as applications running on Windows NT, 2000, 98 and CE or on the Web
- Integrates seamlessly with your Windows desktop applications (such as Microsoft Word and Excel)
- Incorporates with other third-party packages such as Java and Visual Basic
- Embed Advantech Studio as an ActiveX control
- Views multiple Advantech Systems from one Web browser
- Provides on-line configuration and remote management capabilities
- Provides extensive development support tools such as message register, error codes, event codes, Database Spy and Logwin

- Advanced math library with more than 100 standard functions
- Flexible and easy-to-use scripting language
- Multi-level security for protecting applications including those used over the Internet and Intranet
- Conforms to industry standards such as Microsoft DNA, OPC, DDE, ODBC, XML and ActiveX

### Graphic Creation

- Creates sophisticated interfaces with the ease of point and click, drag and drop
- Imports graphics from more than 15 different formats for enhanced, realistic screens
- Supports more than 40 predefined dynamic effects including: shadowing, foreground and background color, blinking, fill, rotate, motion, scale, text and animation
- Provides an object-oriented environment to ease application development that enables the reuse of screens and objects to speed future creations
- Employs an extensive symbol library to ease development
- Provides automatic language translation at run-time

### Alarm Notification

- Alerts managers of alarms with a sophisticated alarm management system that allows the sending of alarms to various utilities such as screen, e-mail, Web browser and archive
- Filters or sorts alarms for easier visual interpretation and management
- Free format alarm messages, use secondary search keys or access through groups or tags
- Archives alarms to a file, printer or to a database

### Trend Monitoring

- Monitors process behavior online or through historical trending
- Distributes information throughout the network for easy monitoring of application screens using a Web browser

### Recipes and Reports

- Creates flexible, user-defined recipe groups
- Provides user-configurable reports, including text and graphics that can be displayed in an application and on the Web

### Input/Output

- Includes more than 140 device drivers
- Supports OPC
- Supports various PC Control packages

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