

# ScheduleWorX™ 32

## Advanced Scheduling for Building Controls and Manufacturing

### Powerful Calendar-based Scheduling

Create calendar-based schedules of process and discrete values that can be downloaded to a large number of industry and building control devices

### Ideal for a Wide Variety of Applications

Calendar-based scheduling for many different applications including process control, batch and recipes, lighting controls, energy management, building automation and much more

### Industry Standard Connectivity

Based on industry standards such as OPC, OPC-UA, SNMP, BACNet, databases and others. Easily download schedules with parameters to any industrial or HVAC device

### Integrates with GENESIS32™ and WebHMI™

Create and configure schedules with ScheduleWorX32 ActiveX control. Works with WebHMI to provide remote thin client access

### Microsoft Outlook-based Calendar User Interface

Easy-to-use calendar control with familiar Microsoft Outlook® calendar capability. Schedule actions to repeat daily or weekly

### Web-enabled Scheduling for Remote Operations

Monitor schedules remotely, make online changes, and perform user-defined overrides from any ICONICS or 3rd-party application

### Robust, Secure and Reliable Scheduling Engine

The ScheduleWorX runtime engine integrates with the ICONICS Unified Data Manager, and can be run as a service for robust, reliable operation. Full support of the ICONICS Security Server is built in

### Real-Time Scheduler with Monitoring and Diagnostics

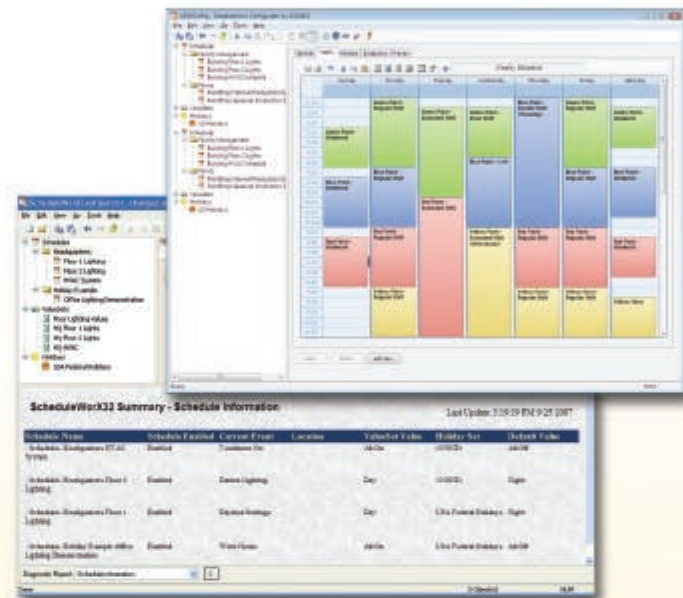
Easily track schedules while they control resources in real time. Override any schedule for a specified amount of time or indefinitely

### Audit Trails with User Roles and Security

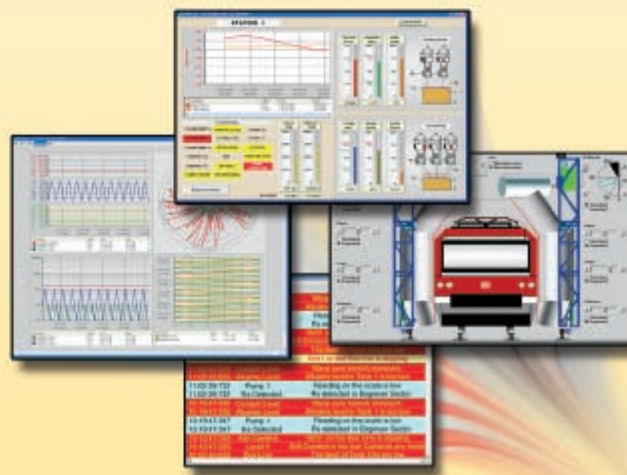
Configure schedules over the Web or from a workstation. Automatically record user schedules to NT Event and Audit Logs

### Easily Created Holiday Schedules and Overrides

Define exceptions to the weekly schedules that occur on holidays



*"The Perfect Solution for Any Application Requiring Time-based Scheduling"*



Visualize Your Enterprise™





# ScheduleWorX™32

Advanced Scheduling for Process and Building Controls

## Advantages of ScheduleWorX32

ScheduleWorX32 integrates GENESIS32 HMI/SCADA applications with multiple I/O servers and clients or can function as a standalone application. It provides all the needed tools, including easy-to-use configuration, runtime execution/monitoring and support for calendar schedules. When used with GENESIS32, ScheduleWorX32 provides support for remote Web monitoring of schedules, making online changes, and performing temporary or indefinite overrides of schedules from any GENESIS32 GraphWorX™32 operator console.

## Powerful, Easy-to-Use Calendar Tool

ScheduleWorX32's calendar tool is modeled after the Microsoft Outlook calendar control. People familiar with Outlook will find it easy to create even the most complex schedules. The ScheduleWorX32 runtime engine handles all of the evaluation and timing associated with configured schedules to quickly resolve and download actual values to data sources and devices.

## ICONICS Markets Served

ICONICS has more than 250,000 systems running in over 40,000 plants worldwide. The following industries benefit from ICONICS solutions:

- Building Management
- Pharmaceutical and Biotech
- Food and Beverage
- Automotive
- Oil, Gas and Chemical
- Machine Builders
- Security
- Water and Wastewater
- Utilities
- Government Infrastructures
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- And many more ...

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## Flexibility for Wide Variety of Applications

ScheduleWorX™32 is an optional calendar-based scheduling product that can be used in many different applications including discrete, process (batch), building automation, lighting control, HVAC, energy management and many more.

## Download Parameters to Any Device

ScheduleWorX32 allows users to create and modify schedules, consisting of sequences of automatically-executed commands. Sequences are comprised of process and digital set points and messages to be downloaded via weekly, daily, special condition or holiday schedules.

## Microsoft Outlook Calendar User Interface

ScheduleWorX32 provides a powerful yet easy-to-use ActiveX calendar tool with Microsoft Outlook calendar capability. People familiar with Outlook will find it easy to create even the most complex schedules. Configuring schedules is remarkably simple yet very flexible. For scheduled sequences that are to be repeated daily or weekly, ScheduleWorX32 provides a week-based scheduling tool where you can specify the specific schedules to be executed.

## Universal Connectivity with Industry Standards

Using industry standards, ScheduleWorX can download parameters to any device compatible with OPC, SNMP, BACnet or databases.

## Web-enabled Scheduling for Remote Monitoring

When used with GENESIS32 WebHMI, ScheduleWorX32 also provides support for remote monitoring of schedules, support for making some online changes, and support performing user-defined overrides of schedules from any GENESIS32 workstation. This support includes an easy-to-use tree control for schedule browsing and selection, and a calendar-based view of the selected schedule.

## Robust, Secure and Reliable Scheduling Engine

The ScheduleWorX32 runtime engine handles all of the evaluation and timing associated with the configured schedules to quickly resolve and download digital and process set point values to any device. Values will be downloaded when a new event begins or when the system starts up. Informative GenEvent logging messages are generated for each change of state, so that you can keep track of and review important historical information. The runtime engine runs seamlessly and reliably as part of Microsoft Windows and also runs as a service.

## Real-Time Scheduling with Monitoring and Diagnostics

ScheduleWorX32 includes a real time monitor and diagnostics utility, which tracks schedules while they control resources in real time. The monitor view also provides a convenient way to override an existing schedule for a specified amount of time or indefinitely as a right-click menu option for the selected schedule.

## Easily Created Holiday Schedules and Overrides

Easy-to-use, flexible schedules for holidays, vacations, emergencies, or override conditions can be created on the fly. These holidays and exceptions can be scheduled to take precedence over the normal daily and weekly schedules. Schedules can also be modified online and manually overridden by an operator.

## Versatile as Single Application or Suite Component

ScheduleWorX32 can function as a standalone application, or can be integrated into a GENESIS32 system with multiple I/O Servers and clients. The ScheduleWorX32 application provides all the tools needed for stand alone applications including easy-to-use configuration, runtime execution and monitoring, and support for overriding schedules.

## Integrates with GENESIS32 and WebHMI

Create and configure schedules with ScheduleWorX32 ActiveX control. Works with the ICONICS WebHMI to provide remote thin client access

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