

Description: Guide to using Workbench32

OS Requirement: Win 2000, XP Pro, Server 2003, Vista, Server 2008, Windows 7

General Requirement: Installation of GENESIS32 9.2 and general windows operating system knowledge

Introduction

The Workbench32 is the centralized web-based environment for GENESIS32 product configuration and runtime operations. The Workbench32 can load various providers or plug-ins that for example may enable to start/stop or configure various ICONICS modules and applications. The configuration is being done through automatically loaded configuration forms that are being read from a configuration database and are valid in user selected context. The key elements of the Workbench32 is that it provides a browsing function, a display or design function, and a command set through the toolbar and menus that can be swapped out when a new provider is loaded. The Workbench32 also provides a framework for security and project management.

This document intends to give you a general overview of the Workbench32 capabilities.

The Workbench Overview

The power of the Workbench is to act as a single interface for a wide variety of needs. The Project Explorer is a browsing system services.

The Workbench can also act as an advanced operator interface for distributed service management, and with its built-in project management functionality as a deployment platform. Operators can configure Workbench by connecting to Project servers with either the HTTP or HTTPS protocols. At a glance, the Workbench has the following capabilities and advantages:

- Remote Web-Based Configuration
- Ability for Concurrent Configurations
- Supports Online Changes
- Outlook-style Navigation Bar
- Load-On-Demand Support
- Supports All GENESIS32 Servers

The Workbench is installed with the GENESIS32, or can be installed as standalone application. You can start it by going to **Start → Programs → ICONICS Workbench32 → Workbench32**.

NOTE: There is also a remote access capability to work with the Workbench over Internet Explorer running on a Win32 system, for more information, please refer to the application note entitled *GENESIS32 – Running in Internet Browser*.

The Workbench consists of three main sections:

- The toolbar at the top
- The Project Explorer to the left
- The contents area which is the rest of the screen

We will go through each of these different sections in this document. It is recommended that you should be familiar with the workspace inside the Workbench and be able to customize it to allow for maximum productivity.

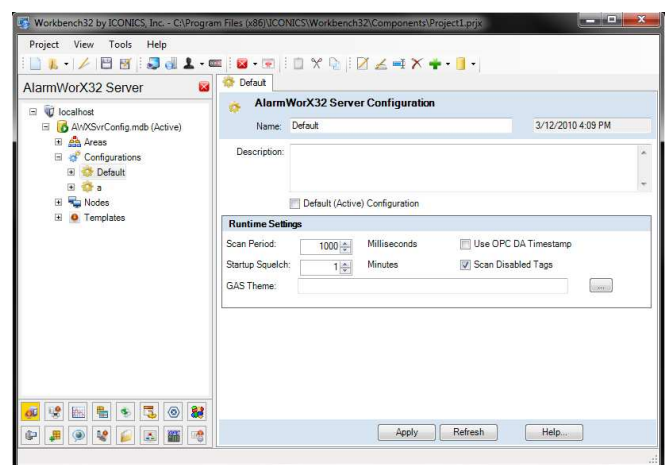


Figure 1 - The Workbench

The Toolbar

If you have worked with MS Office, you will be familiar with the idea of working with toolbars. The toolbar in the Workbench is content sensitive, meaning that when you choose an application from the project explorer, the content of the toolbar will change, displaying options that apply to the specific application. As an example, if you open an AlarmWorX32 Server in configuration mode, the toolbar of the workbench will change to the toolbar for AlarmWorX32 Server accordingly.

The toolbar for all GENESIS32 providers look alike having just minor differences. In general, you can start/stop the provider using the toolbar, or create a new configuration database.



Figure 2 - Example AlarmWorX32 Server Toolbar

The Project Explorer

On the left side you will see all of the ICONICS Tools inside the Project Explorer. This is not limited to ICONICS Application servers; you can add third party application servers also. For

more information regarding the addition of third party application servers please refer to documentation or contact ICONICS technical support.

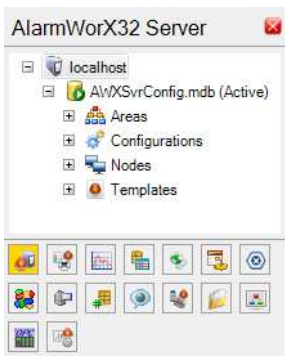


Figure 3 - The Project Explorer in the Workbench

You will see that this increases the usability of the application servers. If your project needs just a few of the application servers, you can remove them in the project manager. For more information regarding the project managing, please refer to the help documentation.

The Contents Area

Depending on the application you choose in the Project Explorer, you can open the corresponding configuration in the contents area.

For example, if you want to edit a AlarmWorX32 Server, you can select AlarmWorX32 Server from the application servers and navigate to find the item you want to edit. You can then right-click on it to bring up a content sensitive menu.

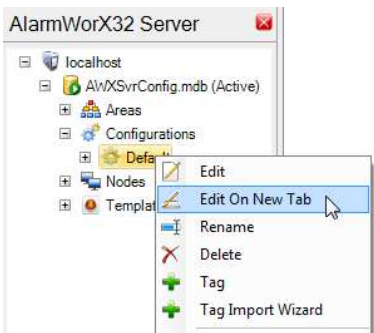


Figure 4 - Content Menu for AlarmWorX32 Server

You can choose, among other options, to open the item in the current working tab or in a new tab. Using tabbed windows allows you to have multiple items or even multiple

configurations from multiple application servers open, and you can select which to work on easily by clicking the respective tab.

Project Management

As mentioned before, you can add or remove application servers as needed to the specific project. This is done through the Project menu or the toolbar icon in the Workbench.

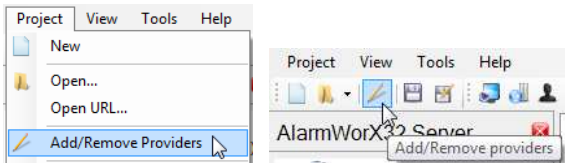


Figure 5 - Edit Project to Add or Remove Applications

In the following dialog you can choose which servers shall be included in your project.

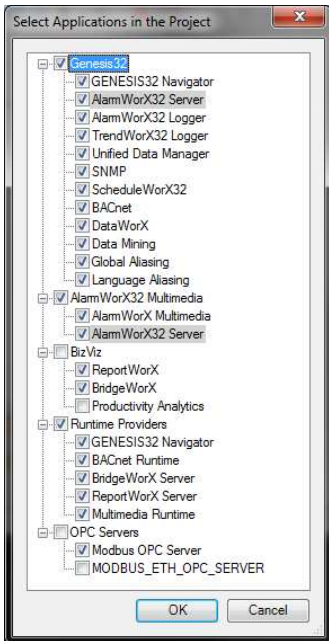


Figure 6 - Available Application Servers

You can also connect your Workbench to a remote server using the “Connect to server” functionality from the Tools menu or the toolbar icon in the workbench.

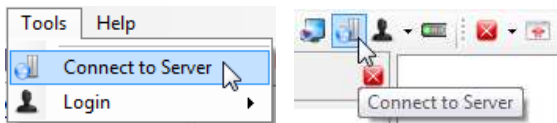


Figure 7 - Connect to a Server Node