Workbench-SL
Quick Start

APPLICATION NOTE

September 2013

Description: A quick guide for getting started with Workbench-SL.
OS Requirement: Vista x64/ Windows 7 x64/ Windows 8 x64/ Windows Server 2008 x64/ Windows Server 2008 R2 x64/ Windows Server 2012
General Requirement: Installation of GENESIS64, Hyper Historian, or AnalytiX version 10.8.

Introduction:

The Workbench-SL is intended to provide functionality that is similar to the WPF "Classic" Workbench, but with improved "reach" and the ease-of-deployment that Silverlight technology offers. Workbench-SL offers a light-weight deployment with a fast startup time, which also supports third-party plug-ins.

Workbench-SL has a look-and-feel that is similar to Classic Workbench, including familiar elements such as the ribbon and Project Explorer, but with enhanced user-friendly options such as a list-view Project Explorer for browsing which can also be filtered and sorted.

Workbench-SL runs in all browser platforms, including Microsoft Internet Explorer, Firefox, and Safari. Its Silverlight components are available as web parts in SharePoint and can even run on the Windows Phones.

Nearly every GENESIS64 configuration can be done from within the Workbench-SL.

This document intends to give you an overview of the capabilities of Workbench-SL.

Working with Workbench-SL

To open the Workbench-SL, go to the **Start** menu, select **All Programs → ICONICS → Workbench-SL**.

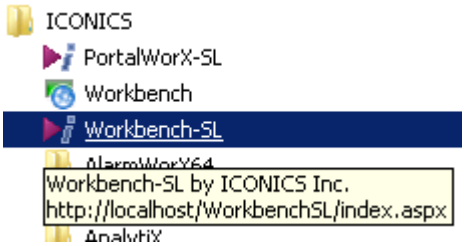

Figure 1 - Workbench-SL in the Start Menu

When you open Workbench-SL for the first time, you will see the applications, tools, utilities, and services listed in the Project Explorer which you can open within the Workbench-SL, shown in Figure 2. These components are made up of:

- The **ribbon**.
- Two **Project Explorers** that you can hide or show:
  - A **tree explorer** that gives you a way to navigate and browse; and buttons that give you access to ICONICS providers.
  - A **grid explorer** you can use for searching.
- The **content or work area** where configuration forms open.

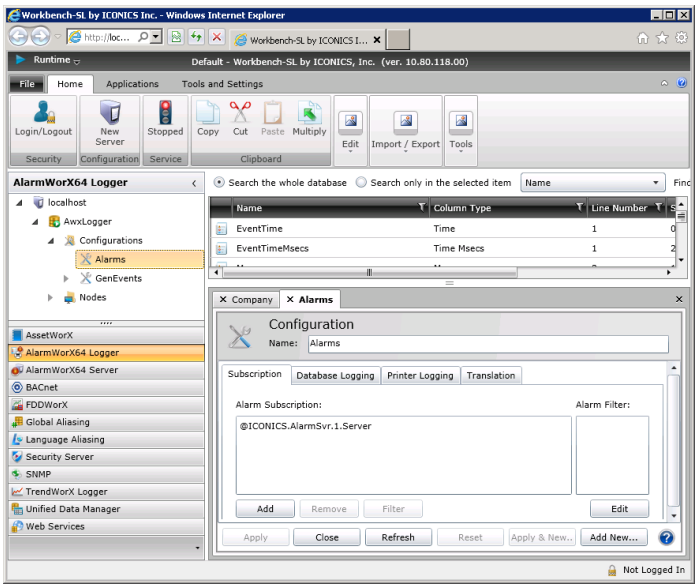

Figure 2 - Workbench-SL User Interface

Ribbon

The ribbon for Workbench-SL is designed to help you quickly find the commands you need to complete a task. Commands are organized in logical groups.

The ribbon has three tabs. The **Home** tab provides general tool bar functions and changes depending on the item that is selected in the Project Manager, the **Applications** tab that gives you access to the providers (applications) that are in the Tree Explorer's button bar and finally the **Tools and Settings** tab where you can set several user preferences

You can minimize the ribbon by double-clicking on the ribbon tabs.

Providers in Workbench-SL

ICONICS GENESIS64 products can be accessed and used in the Workbench.

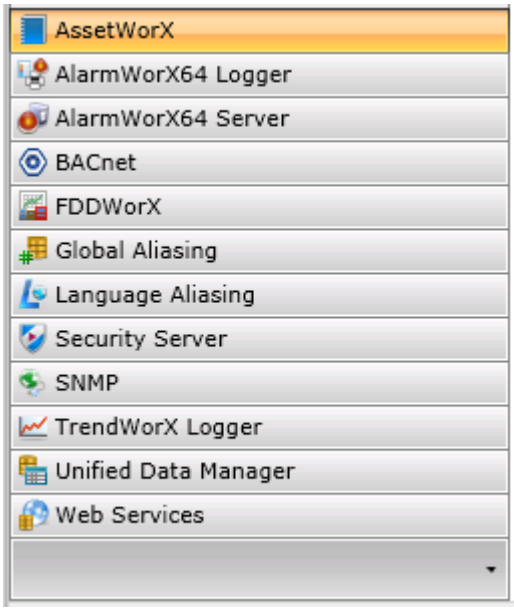

Figure 3 - Providers in Workbench-SL

You can pick and choose which providers appear in the Workbench's Project Explorer by going to File → Edit.

Working with Services

A number of GENESIS64 components are servers or services that you can control and modify within the Workbench-SL. They include:

- **AlarmWorX Server** starts and stops the alarm server, as well as provides a configuration interface to configure alarms.
- **AlarmWorX Logger** Starts and stops the alarm logger, as well as allowing the user to specify different logger configurations similar to Workbench classic.
- **Unified Data Manager (UDM)** is a central location for storing expressions, subscriptions, groups, values, registers, triggers, and other data that can be used by any GENESIS64 application. The service can be started, stopped, and all of these data types and data instances can be created and modified within the UDM in the Workbench.
- **Global Aliasing (GAS)** stores alias names and their values within a SQL database so that these aliases can be used throughout GENESIS64 applications. Start, stop, create, and modify global aliases using this interface.
- **Language Aliasing (LAS)** makes substitutions for language aliases whenever the assigned language in the Language Selector dialog box is changed.

NOTE: Workbench-SL is also available in runtime mode, which is referred to as PortalWorX-SL. For further information, please see the application note entitled, *PortalWorX-SL – Quick Start.*