

Top 10 Reasons Why You Need

GENESIS64™



ICONICS is recognized worldwide for its data integration, visualization, historian and analysis capabilities in a wide variety of industries. ICONICS GENESIS64™ HMI/SCADA was designed from the ground up to best incorporate new cutting edge technologies. The following are some top benefits of applying GENESIS64 through your own organization.

1

Mission Critical Redundancy

Platform Services are at the core of GENESIS64 and are designed to negotiate internal communications for redundancy, load balancing and more. Designed for large, distributed or mission critical applications, GENESIS64 is not only fully redundant at multiple levels, but is also modular.

2

ISA-95 Compliant Intelligent Asset Technology

Creating and navigating assets is easy using ISA-95-compliant organization by drilling down for comprehensive data. ISA-95 Asset Navigation can provide easy access to real-world assets, as well as integrate commands to control applications.

3

Rich, Powerful Visualization

Using the Microsoft .NET Framework, GENESIS64 provides fast, scalable and secure visualization on desktops, in Web browsers and on mobile devices. WPF and HTML5 technology allow for consistent visualization on all platforms while providing advanced features without the need for additional user configuration.

4

64-bit Computing with HMI/SCADA

Accessing the faster processors and higher memory capacity of 64-bit computing, GENESIS64 is able to run faster and scale larger than other older SCADA systems. Future-proof your system by using industry standard 64-bit servers to drive your data logging.

5

Assets Viewable with GEO-SCADA

Creating GEO-SCADA displays is simple with EarthWorX, which connects mapping with the GENESIS64 data layer. Overlaying native GraphWorX64 objects like Smart Pins can contextualize data for geographically dispersed assets, providing faster identification of issues, reducing mean time to repair.

6

Unlimited Amount of Tags Implementable

Tags are polled dynamically, without the use of a tag database, to allow only active tags to reduce server loads. With the capability to handle millions of tags daily, GENESIS64 is equipped to handle the entire expanse of your global enterprise.

7

Universal Connectivity with BACnet and OPC-UA

Using ICONICS' Platform Services, GENESIS64 is built on top of universal connectivity allowing users to connect to any data in the system from anywhere. Native implementations for BACnet, OPC, Databases, Web Services and SNMP allow ICONICS to aggregate or connect data.

8

Windows 8 Compatibility

As a Microsoft Gold Certified Partner, ICONICS has earned compatibility with Windows 8, demonstrating commitment not only to the latest operating systems, but assuring that tablet-based implementations also support the data infrastructure and high level of visualization expected from ICONICS.

9

Reduce Engineering Time & Costs

Engineering time is a top expense in all industries and one that, if reduced, can have a tremendous impact on application costs. With the fast implementation, diagnostics, fault finding, and trending available through GENESIS64, reductions in upfront engineering are assured.

10

Ideal for Many Industries

GENESIS64 is ideal for industries such as Automotive, Building Automation, Pipelines, Chemical, Postal & Airport, Power & Energy, Oil, Gas & Petrochemical, Consumer Products, Discrete Manufacturing, Process Industries, Entertainment, Renewable Energy, Food & Pharmaceutical, Robotic Control, Government, Transportation, Logistics, Water & Wastewater, Machine Builders & OEMs and Wind Energy.



Microsoft Partner

Gold Application Development



Microsoft Partner

2014 Partner of the Year Winner