



ICONICS - Energy AnalytiX

AT Automation México Integradores Certificados de ICONICS



Líneas Directas

+52 (55) 4334 - 9242

+52 (55) 6584 - 9782

Para obtener ayuda en determinar el producto que mejor se adecue a su proyecto, por favor póngase en contacto con nosotros a:

ventas@atautomation.com.mx

Microsoft
Partner

2017 Partner of the Year Winner
Application Development Award



Designed for Use in Many Industries

For more than 30 years, ICONICS has developed leading-edge software tools for manufacturing, industrial, and building automation. ICONICS has shipped over 350,000 products that are installed in applications spanning the globe in various industries:



Automotive



Building Automation



Food & Beverage



Government & Military



Manufacturing



Oil & Gas



Materials & Mining



Pharmaceutical



Sustainability



Transportation



Utilities & Energy



Water & Wastewater

ICONICS Cross-product Features

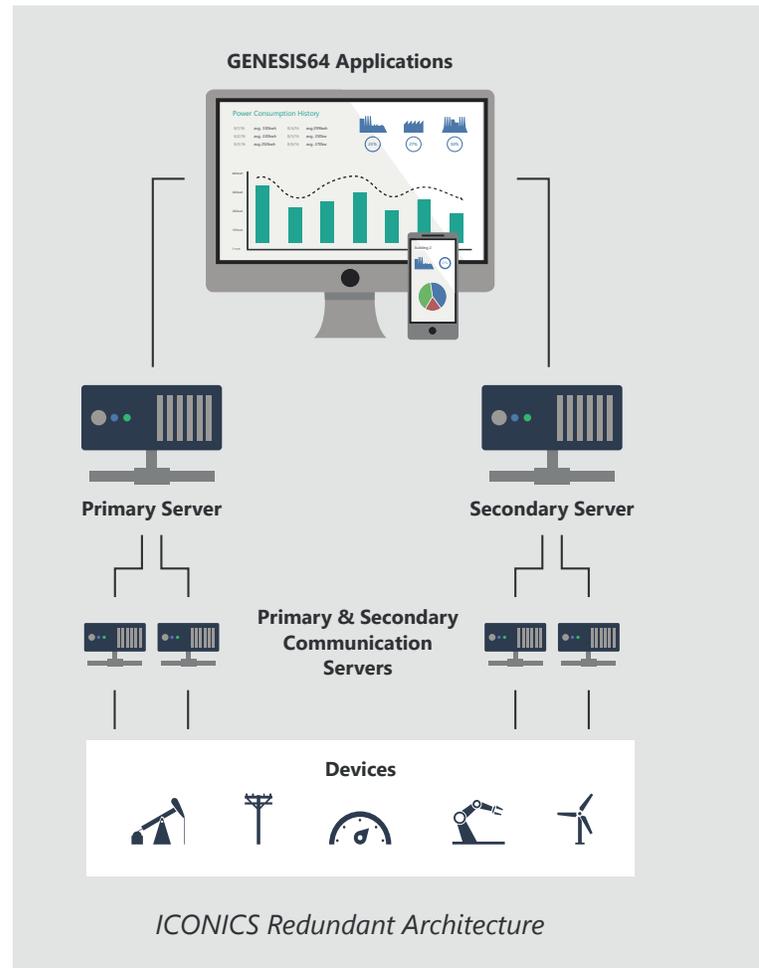


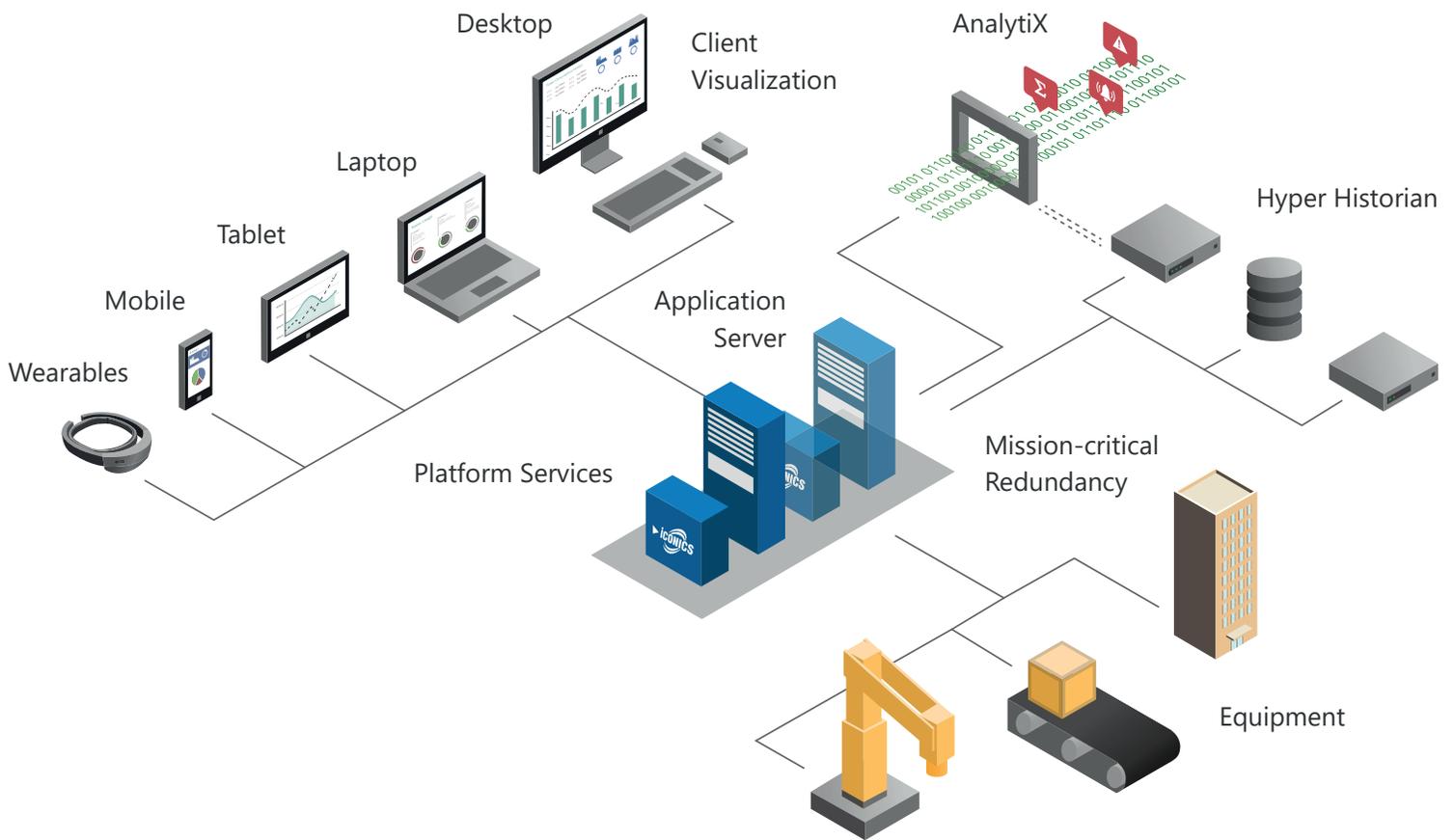
Advanced Visualization on Any Device

Bring the visualization of ICONICS to any device. Migrate desktop displays created in GENESIS64 from desktop to any mobile client. MobileHMI™ is a powerful app that provides a consistent user experience on any mobile device for GENESIS64 dashboards. WebHMI™ brings the capabilities of GENESIS64 applications to any HTML5 or WPF compliant web browser. Generate executive self-service dashboards utilizing preconfigured symbols from any mobile device with KPIWorX™. GENESIS64's responsive UI flawlessly transitions between clients to provide a consistent user experience.

Mission-critical Redundancy

ICONICS ensures the safety of any critical data by offering high availability redundancy for communication reliability. Redundant collectors and loggers serve as a backup in case of a system failure. With automatic fault detection and store-and-forward technology, GENESIS64 users can be assured that mission-critical real-time data, historical data, and alarm information are always available. ICONICS redundancy solutions are simple to configure, install, and deploy. ICONICS software redundancy covers all major aspects of data redundancy such as data access, historical data, alarms, and security.





ICONICS System Architecture

Powerful Centralized Configuration

ICONICS displays can be created using two powerful configuration tools. The Workbench is the multi-functional, centralized desktop or web-based environment for all back-end configurations making development more efficient and minimizing design time for any application. Offered in WPF, users can configure and manage their entire GENESIS64 application from anywhere.

Front-end user interfaces and dashboards are configured using the GraphWorX64 visualization module. Design HMI and SCADA displays leveraging 2D and 3D graphics, preconfigured symbols, dynamic properties, animation, and flexible aliasing.

Universal Connectivity

GENESIS64 supports industry standard communications such as OPC, OPC UA, Modbus, BACnet, web services, and databases. As the first 64-bit Advanced Workstation (B-AWS), GENESIS64 is certified by the BACnet Testing Laboratories, ensuring maximum integration with BACnet protocols such as BACnet objects, trends, and alarms. GENESIS64 is certified for OPC UA compliance by the OPC Foundation. Simple device discovery on the network makes integration seamless and efficient.

Energy AnalytiX[®]

Energy AnalytiX is an energy monitoring, analysis, and management system that delivers rich, real-time visualization providing open universal data connectivity and data integration to a wide variety of BMS, SCADA, ERP, and control systems. Managers of any building or plant have a revolutionary smart energy software solution that is intuitive to configure, customize, and operate. Energy AnalytiX includes built-in calculations, analytics, data historian, reporting, and the visualization needed to take decisive action to reduce and manage utility costs and consumption.

Energy AnalytiX Key Features

- Visualize cost savings from energy management
- Generate standard cost, consumption, and carbon reports
- Drill down into causes of abnormal energy use
- Scale across a single building or entire campus
- Reduce engineering time with preconfigured charts
- Integrate and interact with historical data

Intuitive Configuration

Energy AnalytiX employs web-based configuration capabilities, including asset navigation that provides intuitive setup and configuration to any level of aggregation. Drill down to specific sources of energy inefficiencies and locate suspected consumption offenders. Easily cross-compare consumers within the same metrics using roll-up calculations.

Actionable Information

Energy AnalytiX connects, analyzes, logs, and visualizes information in a way that is intuitive and accessible. A Site Summary Overview provides instant information on energy consumption, financials, and the environmental impact.

