



INTERNET OF THINGS

OF

THINGS

SOLUTIONS



VISUALIZE



ANALYZE



MOBILIZE



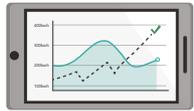
CLOUD



IoTWorX™

REMOTE CLOUD MONITORING & ANALYTICS

SECURELY **MONITOR AND CONTROL** USING BROWSERS, TABLETS, MOBILE AND WEARABLE DEVICES



 Microsoft Azure
**COLLECT AND
SECURELY PUBLISH DATA
TO THE AZURE CLOUD**



UPLOAD DATA USING
**INDUSTRY STANDARD
PROTOCOLS**

SECURE DATA
COMMUNICATION WITH
iCONICS IoTWorX

BACnet • SNMP • OPC UA • Modbus

CONNECT TO
BUILDINGS AND FACILITIES

CONNECT TO
INDUSTRIAL EQUIPMENT



Improve Visibility

Reduce Maintenance Costs

Increase Efficiency

Create Services Offerings

Exceptional User Experience

Industry Challenges and Opportunities

Are you looking to improve your business processes, financials and decision-making? What if a new technology could make the invisible, visible, and enable you to make better informed decisions in operating your buildings or factories? The **Internet of Things (IoT)**, driven by **Industry 4.0** initiatives, introduces the ability to reduce costs, increase your operational efficiency and improve sustainability, all in one end-to-end solution.

ICONICS IoT Solution

IoTWrX™ combines ICONICS' new IoT gateway technology with its proven HMI/SCADA, analytics, and mobile solutions running in the cloud. ICONICS offers manufacturers and facility managers several key IoT technologies, including rich **connectivity** to things, **secure cloud communications**, and built-in **real-time visualization and analytics**. Connect to virtually any automation equipment through supported industry protocols such as BACnet, SNMP, Modbus, OPC UA, and classic OPC Tunneling. ICONICS' IoT solution takes maximum advantage of the Azure cloud to provide global visibility, scalability, and reliability. Leverage standard ICONICS apps in the cloud such as GENESIS64™, Hyper Historian™, AnalytiX®, and more. Optionally integrate Microsoft Azure services such as Power BI and Machine Learning to provide greater depth of analysis.



IoT Benefits

- Publish data securely to the cloud
- Visualize on any device, anywhere
- Remotely monitor and control assets
- Drill down into enterprise-wide KPIs
- Integrate with existing equipment
- Streamline user experience

Ideal for Any Industry

- Automotive
- Facility Management
- Food and Beverage
- Government and Military
- Manufacturing
- Materials and Mining
- Oil and Gas
- Pharmaceutical
- Sustainability
- Transportation
- Utilities and Energy
- Water and Wastewater



I now can monitor my assets in real time from any device using a unified dashboard that brings together all of my data and provides actionable insight into my global production performance. That's the power of IoT."



Founded in 1986, ICONICS is an award-winning independent software provider offering real-time visualization, HMI/SCADA, energy management, fault detection, manufacturing intelligence, MES, and a suite of analytics solutions for operational excellence. ICONICS solutions are installed in 70 percent of the Fortune 500 companies around the world, helping customers to be more profitable, agile and efficient, to improve quality, and to be more sustainable.

ICONICS is leading the way in cloud-based solutions with its HMI/SCADA, analytics, mobile and data historian to help its customers embrace the Internet of Things (IoT). ICONICS products are used in manufacturing, building automation, oil and gas, renewable energy, utilities, water and wastewater, pharmaceuticals, automotive, and many other industries. ICONICS' advanced visualization, productivity, and sustainability solutions are built on its flagship products: GENESIS64™ HMI/SCADA, Hyper Historian™ plant historian, AnalytiX® solution suite, and MobileHMI™ mobile apps. Delivering information anytime, anywhere, ICONICS' solutions scale from the smallest standalone embedded projects to the largest enterprise applications.

ICONICS promotes an international culture of innovation, creativity, and excellence in product design, development, technical support, training, sales, and consulting services for end users, systems integrators, OEMs, and channel partners. ICONICS has over 350,000 applications installed in multiple industries worldwide.



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