



temperature

pressure

humidity

vibration

power

touch LED

GPS

Get an Edge!

Complete IIoT Edge Starter Kit

The IIoT Edge Jumpstart Kit from Technotects is a great way to gain a solid introduction to the world of the Industrial Internet of Things and Edge Intelligence without complicated programming. The kit includes industrial grade plug-n-play sensors along with the Intel-based Dell 3000-series IoT Edge Gateway, a rugged industrial IoT appliance suited for harsh environments and pre-loaded with easy-to-use web-based software tools for data visualization, monitoring and control.

Start Collecting Machine Data Today

With connectorized power, sensor and LAN cables, installation is a snap. Once connected and powered up, follow the simple instructions to visualize and analyze your data at the edge, in the cloud or both within minutes.

Unlock Your Potential

Once connected and collecting data, lean on the industrial IoT community to enhance the application...add analytics, rules, alerts and dashboards. Or allow the developers at Technotects to help create a proof-of-concept or build out your application.

True Industrial IoT Hardware

By teaming with leading industrial manufacturers such as Dell, Intel, Pepperl+Fuchs, Comtrol, Banner Engineering, ifm efector and more, products were chosen for the IIoT Edge Jumpstart Kits to be plug 'n play and to survive in industrial environments, whereas the sensors and interfaces can exist in washdown environments.

Open, Flexible and License-Free IIoT Edge Software

Built on Linux Foundation's Edge X Foundry framework, the easy-to-use license-free software on-board the gateway has everything you need at the Edge, including numerous industrial sensor protocols, database storage, a rules engine, a dashboarding tool and export utilities to securely stream your data to your enterprise or cloud of choice.

Secure Cloud Connectivity

The Jumpstart kit is designed to utilize Azure IoT security, helping ensure that data transmitted from device to the cloud is confidential, tamperproof, and authenticated.

Remote Monitoring & Maintenance

Remotely access and manage your industrial IoT solution from anywhere in the world using only a simple web browser.





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WHAT'S IN THE BOX



Rugged Intel-based Dell IoT Edge Gateway 3000

The solid-state Dell Edge Gateway 3000 with dual-core Intel processors is a compact, low energy intelligent edge device designed to run 24/7 and offer wide connectivity via WiFi, Bluetooth LE, 3G/4G/5G or through dual PoE-capable Ethernet LANs.



Dockerized EdgeSmart Software

The non-proprietary web-enabled EdgeSmart software runs on an EdgeX framework and manages the data flow from the southbound industrial sensors through the edge analytics layer to northbound cloud services, and all license-free!



IO-Link Master Module

Ethernet IO-Link Master module supports 8 IO-Link sensors through plug-n-play cables. IO-Link is a standardized IO technology worldwide for the communication with sensors and actuators



Manage Edge data with Node-RED

Node-RED is an open-source programming environment that's used for rapid IIoT application development. Connect pre-built nodes for hardware devices, logic, cloud services, and APIs together in simple logic flows.



Industrial Sensors & Accessories

Test out your IIoT ideas with a sampling of plug-n-play sensors, both wired and wireless, including a smart LED pushbutton, temperature, humidity, pressure, vibration and distance.



Visualize Edge data with Grafana

Grafana allows you to query, visualize, alert on and understand your metrics right at the edge with beautiful dashboards via any standard browser.



Remote Edge Gateway Support

Remotely access and manage your edge computer from anywhere using only a web browser. One-year subscription included with purchase



Connectivity to the Azure Cloud

Test and deploy IIoT apps, create custom mobile experiences and gain insights from your data with Microsoft Azure. Get started with 12 months of free services.

— POWERED BY —
Dell Technologies



Start your industrial IoT journey today!

Technotects delivers innovative connected experiences for smart monitoring, better asset management, intelligent process automation and creates new revenue streams through simple, creative industrial IoT solutions. Let us help you get started today!

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