

SOLUTION OVERVIEW

OpenText Industrial Grid

Connect and collaborate during all stages of the value chain to lower costs, reduce defects and improve quality



Approximately 70% of all IoT devices have security vulnerabilities¹



91% of manufacturers are investing in digital, but 35% say cyber vulnerabilities inhibit them from fully doing so²



45% of respondents to an IoT World survey are deploying IoT devices on a dedicated network as a way to address security risks³

Security concerns remain a barrier to broad industrial IoT adoption. Fifty-nine percent of manufacturers report that they have already been asked by a customer to demonstrate or guarantee the robustness of their cyber-security processes and 58 percent have asked the same of a business within their supply chain.⁴

From challenges spring opportunities. And, though industrial companies face many challenges, including streamlining operations, generating new revenue streams and achieving regulatory compliance, IoT enables opportunities like never before.

The OpenText Industrial Grid delivers an unparalleled IoT network and platform to isolate and secure critical data streams. It leverages the ANX Network, built in 1995 as a private network for the auto industry, to provide consistent, reliable speed and guaranteed security for data transmissions between automakers and their suppliers. Trading partners are able to collaborate electronically on product design and development, solicit and process orders, facilitate just-in-time manufacturing and post shipping schedules.

Industrial Grid provides a dedicated and secure network for all Industrial IoT environments, combining the power of the ANX network with the advanced identity-driven capabilities of the OpenText® Internet of Things platform.

The secure IoT network delivers the performance, scalability and global reach of the cloud, without the security and data management issues of public cloud implementations. Industrial Grid is optimized for the secure exchange of all types of industrial data and content from IoT sensor data to large CAD files and video. Its integrated IoT platform means organizations have a single, centralized, end-to-end management solution for their entire Industry 4.0 infrastructure.

¹ OpenText, How IoT enables an Intelligent and Connected Supply Chain (2018)

² MAKE UK and AIG, Cyber Security for Manufacturing (2018)

³ TechRepublic, 6 things keeping IoT pros up at night (2019)

⁴ MAKE UK and AIG, Cyber Security for Manufacturing (2018)

Feature	Description
Private and secure network	<ul style="list-style-type: none"> • Delivers the latest in web-based encryption to protect data in transit through a highly secure, global, cloud-based network • Ensures the data is only shared between authorized entities using certificate-based authentication
Identity management	Enables secure identification and collection of identity and authentication data from all entities connected to the IIoT network, including sensors, devices, people, systems, infrastructure and processes
Authorization and access control	<ul style="list-style-type: none"> • Validates and verifies the identities of every entity on the IIoT network • Manages all the credentials of every person, system and thing in their varying states within the identity lifecycle
Secure device management	Manages all IIoT devices securely throughout their entire lifecycle, from initial provisioning to final removal from the network
IIoT ecosystem integration	Transports and integrates IIoT data across devices and systems, eliminating the complexity of creating and syndicating integrations for machine-to-machine, machine-to-people or machine-to-application scenarios
Unified messaging	Aggregates information from different IIoT sources to obtain a single data feed for analysis or archiving
Actionable insight	Collects, analyzes and customizes IoT data from a broad range of sources to create realtime, interactive and easy-to-use visualizations, reports and dashboards
Secure device management	Manages all IIoT devices securely throughout their entire lifecycle, from initial provisioning to final removal from the network
Information Technology (IT) and Operating Technology(OT) integration	Allows organizations to retro-fit production and supply chain assets with IoT devices and sensors to facilitate the integration of IT and OT while maximizing existing investments
Eliminate the public cloud	Delivers all the performance and scalability benefits of cloud infrastructure, without exposing businesses to the security and privacy risks of the public internet
Unified identity management	Ensures all entities on the IoT network are who/what they claim to be, providing the right level of access to connected devices and the business-critical data flowing among them at scale
Dynamic permissions and privacy	<ul style="list-style-type: none"> • Allows organizations to manage complex sets of permissions to govern interactions between things, people and systems • Provides complete data privacy both in transit and at rest
Proven scale and reliability	Scales to easily support billions of IoT endpoints coming online and evolving
Interoperability	Supports the different devices, standards and protocols involved within the IIoT ecosystem to enable interoperability across the ecosystem
Data integrity	Allows organizations to govern how data is shared and how messages are orchestrated in a digital ecosystem — and who is authorized to send or receive certain data streams
Guaranteed performance	Ensures IIoT network performs to required levels with guaranteed SLAs

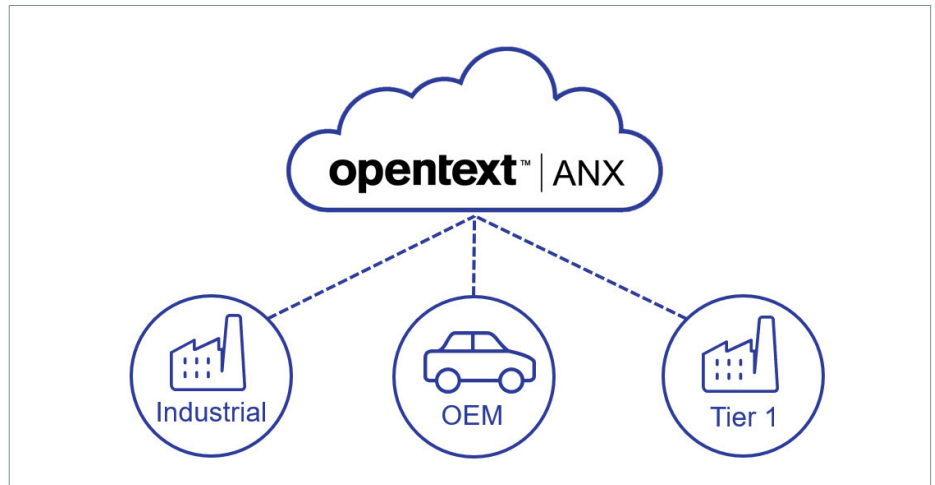
OpenText is the global leader in B2B integration. Industrial Grid is deployed over the world's largest and most mature private B2B networks, with global data centers delivering business continuity.

Today's industrial internet requires secure connectivity to serviceable assets across factory and supply chain-based environments. From product innovation to product distribution, Industrial Grid enables OEMs and suppliers to connect and collaborate during all stages of the value chain to help lower costs, reduce defects and improve quality.

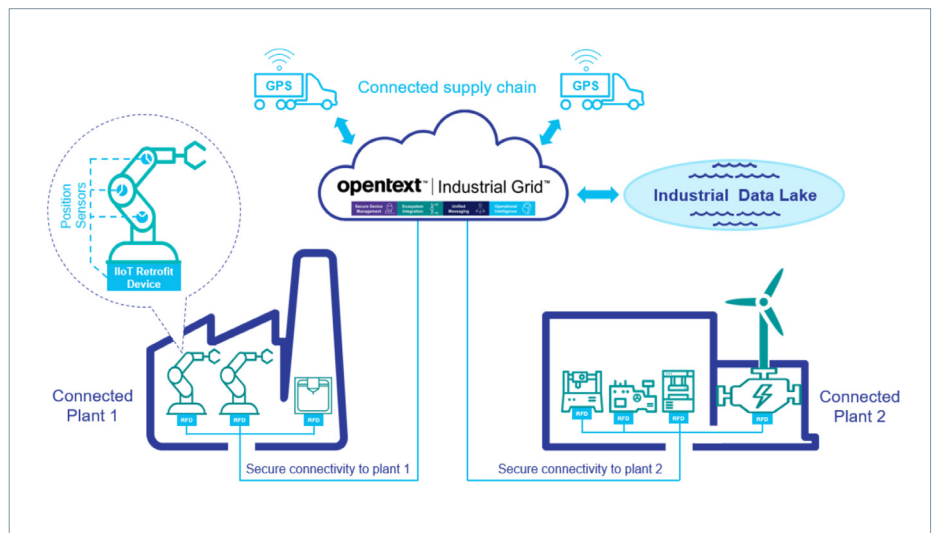
OpenText Industrial Grid

- Hardware-based, end-to-end network encryption, offering highly secure connectivity between trading partners
- Certificate-based authentication for reliability of partner identification
- Direct connection to ENX in Europe and 150 countries around the world

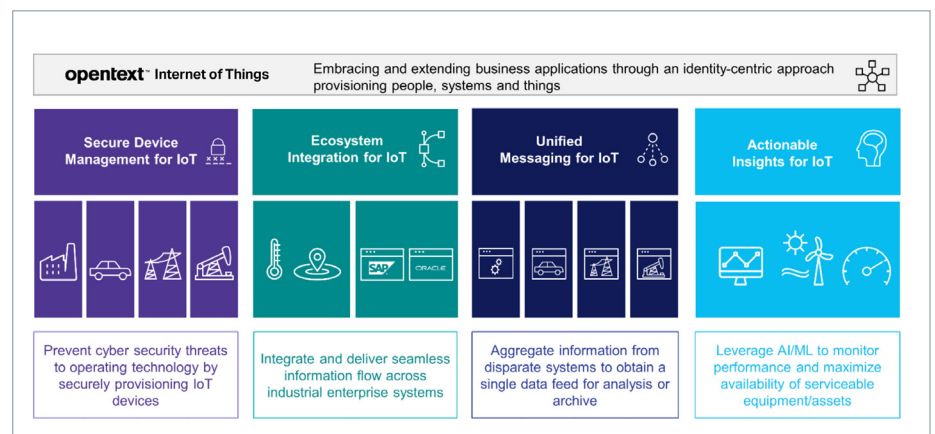
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Connected supply chain



OpenText Industrial Grid



OpenText Industrial IoT Platform