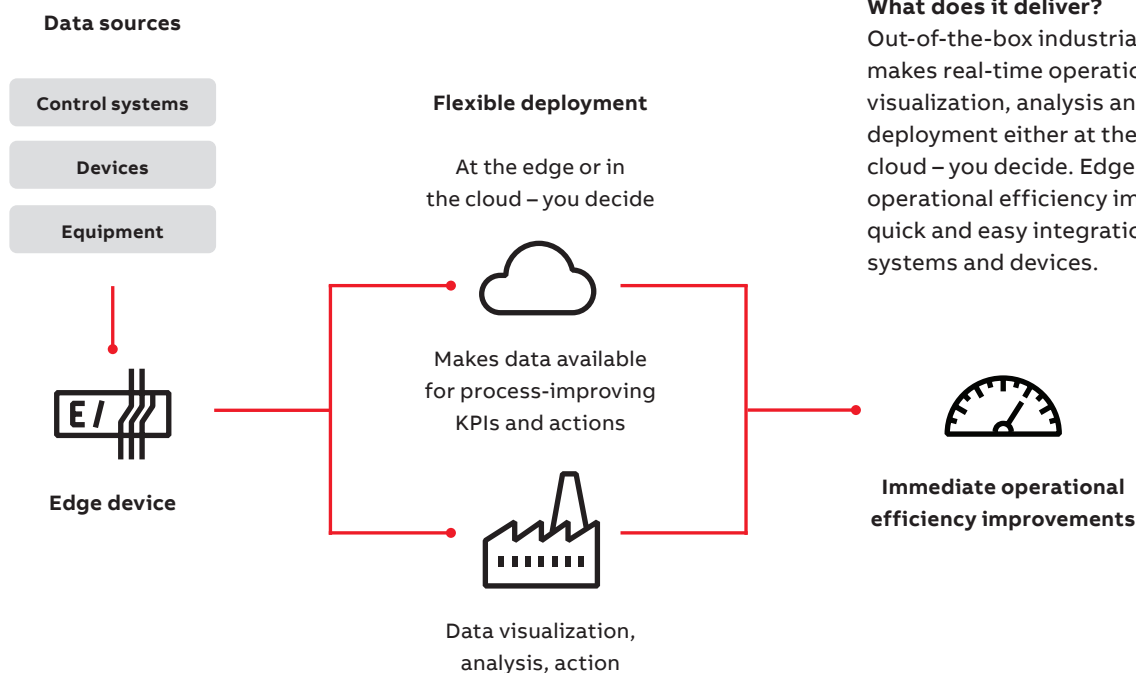ABB

ABB Ability™ Edgenius
Connect and compute at the point of production

To release the full potential of your operational data, you need an edge. That means being able to collect, store, communicate, analyze and act quickly on your data. ABB Ability™ Edgenius Operations Data Manager gives you that edge by bringing cloud computing power where you need it.

ABB applications accelerate data-driven decisions by gleaning data at lightning speed to identify and act on issues that improve performance. With data and decisions on premise, you can act swiftly and securely, delivering plant-level productivity and avoiding unnecessary costs. As Edgenius is also part of ABB Ability™ Genix Industrial Analytics and AI Suite, you can scale for strategic enterprise value.

What is it?
Edgenius is an industrial software application platform at the edge. It allows distributed control systems to focus on their real-time control mission, while data generated from operational technology is collected and analyzed for immediate use in performance improvement.

What does it deliver?
Out-of-the-box industrial application platform that makes real-time operations data available for visualization, analysis and action. With flexible deployment either at the edge (on premise) or in the cloud – you decide. Edgenius enables immediate operational efficiency improvements thanks to quick and easy integration with existing control systems and devices.

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How ABB Ability™
Edgenius works

Data sources

Control systems

Devices

Equipment

Flexible deployment

At the edge or in the cloud – you decide

Makes data available for process-improving KPIs and actions

Edge device

Data visualization, analysis, action

Immediate operational efficiency improvements

Accelerate data-based decisions

When it comes to extending your operational data, few can match ABB's capabilities. Our DCS market leadership and deep domain expertise mean we know what you need from your data to make asset, process and risk improvements. With Edgenius, you'll find the edge you need to optimize overall equipment effectiveness for immediate productivity and efficiency.

Speed
Expedites decision making for critical assets, processes and risks. Enables real-time analysis.

Smart
Intelligent edge computing platform enables smart decisions by utilizing operations data in value-added applications.

Secure
Cyber security, data privacy and plant integrity protected. Reduces pressure on mission critical systems.

Simplified
Simply integrates into existing infrastructure. Easy visualization, analysis and action through applications. Designed for easy self-service through customer-accessible Management Portal.

Scalable
Flexible and modular according to needs. Deployment on-site (on the edge) or in the cloud - you decide. Subscribe to applications as required by your operations.

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solutions.abb/edgenius