

# Automating Industrial Operations using AI-Powered Predictive Analytics on Microsoft Azure

## MICROSOFT AZURE SOLUTION BUILDER PROFILE: CANVASS ANALYTICS

Canvass Analytics is using applied AI to help Industrial companies automate operational decision making. The Canvass AI Platform distills millions of operational data points, creating actionable insights that empower Industrial companies to achieve new levels of productivity, quality and efficiency.

### WHAT WE OFFER

#### Faster Decision Making



Canvass AI Platform brings automation to the decision-making process.

With Microsoft Azure, Canvass AI Platform can process massive volumes of complex data and generate insights that directly interact with control systems—bringing automation to the decision-making level.

#### Enterprise Scale



Canvass AI Platform can be deployed regionally to ensure close proximity with facilities.

Using Microsoft Azure, Canvass AI Platform runs in the cloud, giving companies the ability to efficiently and securely scale across operations – from a single process to hundreds of plants.

#### Data Source Agnostic



Canvass AI Platform works with any data source, giving the ability to draw insights across all data.

Using Microsoft Azure, open API and standard implementation protocols, Canvass AI Platform is able to take in data from any source, ensuring faster ramp up times and a more comprehensive analysis.

#### Real-Time Insights



Canvass AI Platform gives operators real-time views into the analysis of their data.

Using Power BI, the Canvass AI Platform transforms Industrial data into meaningful insights via live dashboards that help operators find answers to their most important questions.

### LEARN MORE

Discover how applied AI from Canvass Analytics can help automated decision-making for Industrial operations. Email us at [info@canvass.io](mailto:info@canvass.io).

# Microsoft Azure

Microsoft Azure is an open and flexible cloud platform that enables you to quickly build, deploy, scale, and manage applications across a global network of Microsoft data centers. You can build applications using multiple languages, tools, and frameworks.



## KEY USE CASES

### WEB APPLICATIONS

Build anything from lightweight websites to multi-tier cloud services that scale up as your traffic grows.

### CLOUD STORAGE

Rely on geo-redundant cloud storage for backup, archiving, and disaster recovery.

### BIG DATA & HPC

Get actionable insights from your data by taking advantage of a fully compatible, enterprise-ready Hadoop service.

### MOBILE

Accelerate your mobile app development by using a backend hosted on Microsoft Azure. Scale instantly as your install base grows.

### MEDIA

Create, manage, and distribute media in the cloud – everything from encoding to content protection to streaming and analytics support.

### FLEXIBLE APPLICATION MODEL

Microsoft Azure provides a rich set of application services, including SDKs, caching, messaging, and identity. You can write applications in .NET, PHP, Java, node.js, Python, Ruby, or using open REST protocols. This is all part of Microsoft's promise to let you build using any language, tool, or framework.

### ALWAYS ON, ALWAYS HERE

Build resilient applications with automatic operating system and service updating, built-in network load balancing, and geo-redundant storage. Microsoft Azure also proudly delivers a 99.95% monthly SLA. You can rely on decades of experience in data center operations and trust that everything Microsoft Azure offers is backed by industry certifications for security and compliance.

### DATA CENTER WITHOUT BOUNDARIES

Microsoft Azure makes it easy for you to integrate your on-premises IT environment with the public cloud. Migrate your virtual machines to Microsoft Azure without the need to convert them to a different format. Use the robust messaging and networking capabilities in Microsoft Azure to deliver hybrid solutions, and then manage your hybrid applications from a single console with Microsoft System Center.

### GLOBAL REACH

With data centers around the globe, a massive investment in data center innovation, and a worldwide Content Delivery Network, you can build applications that provide the best experience for users, wherever they are.

**Learn more:** [www.microsoftazure.com](http://www.microsoftazure.com)

© 2018 Microsoft Corporation. All rights reserved.