



MICROSOFT AZURE PARTNER:
Precimetrix Technologies

WEB SITE: www.precimetrix.com

LOCATION: Pune, India

ORG SIZE: 15 employees

MICROSOFT AZURE PARTNER PROFILE:

Precimetrix's IoT and analytics platform offers connected product solutions. Utilizing the power of Big Data and analytics, Precimetrix's solutions enable real-time process management and actionable analytics to improve productivity, efficiency, visibility, and compliance. The Precimetrix platform is natively built on Microsoft Azure.

Building on Microsoft Azure IoT Hub Benefits Enables Tracking of Unauthorized Fuel Usage

“Thanks to Azure IoT Hub, Precimetrix was able to track unauthorized fuel usage in real time and enforce rules for one of the largest two-wheeler automobile manufacturers, thereby reducing the unaccounted consumption in its assembly lines.” – Ashish Nene, CEO, Precimetrix Technologies

• SITUATION

A Precimetrix customer in automobile manufacturing wanted an automated, cloud-based solution to monitor fuel consumption in its assembly lines. The customer wanted to avoid losses caused by unauthorized fuel usage. In order to meet the customer's request, Precimetrix needed access to various IoT tools and components to employ in addition to its own.

• SOLUTION

Precimetrix used Microsoft Azure to enable the Precimetrix Utilities Monitoring System. The system deployed at the manufacturing plant collected fuel consumption data from the assembly line in real time using Azure IoT Hub, and it generated alerts in case of usage deviations. Precimetrix implemented Azure Stream Analytics, Azure App Service, Azure SQL Database, Azure Storage, and Azure Scheduler in its solution, which also created analytics to measure fuel consumption patterns.

• BENEFITS

Microsoft Azure IoT Hub makes it possible for Precimetrix to develop and customize its own IoT implementations.

The high availability of Azure App Service means Precimetrix's monitoring system will be similarly reliable.

