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The Mindful IT Company
Born **Digital** . Born **Agile**

A CASE STUDY

DIGITAL TRANSFORMATION FOR A CHEMICAL MAJOR

- **Agile & Iterative Approach** to extend the platform's capability across all business segments. This was done on a generic, modular, and secure framework which can adapt to the needs of various applications .

- **Visual Mapping of Contextual Data** to capture context rich insights by writing software code for a visual module (ProcessView) that enables digitization of process flow diagrams specific to each industry serviced by the client.

- **Automated Inventory Management** with an MS Azure enabled system that works seamlessly on web and mobile platforms while connecting with various sensors and the cloud.

The client is a global specialty chemical company providing chemistry and consultancy-based solutions for industrial clients in pulp and paper, water treatment and leather processing.

TYPES OF ASSETS / TECHNOLOGIES

- IoT Hub
- Azure Active Directory
- Azure SQL Server
- Blob Storage, CosmosDB
- BLE/Bluetooth
- Android/iOS
- React JS/React Native

CLIENT REQUIREMENTS

The client needed to ably compete with much larger players in the market by meeting aggressive growth and profitability goals.

This required leveraging smart technologies and advanced data analytics to create a digital platform that would enrich their chemistry solutions with unique differentiators to —

- Amplify the value delivered to customers
- Minimize customer bids and possible attrition

VALUE DELIVERED

- Reduction of rush freight by 90% and an expected elimination of 15 minutes from a sales associate's time for each order.

- Efficient management of SLOB inventory.

- Usage of Azure Machine Learning features to share predictive and statistical analytics.

- Facilitated high quality service reports and provide pinpoint visibility for customers, BU leaders and the C-suite.

HAPPIEST MINDS' SOLUTION

We started off with a 3-month consultative exercise to obtain a 360-degree view. This included over 200 voice-of-customer and voice-of-business interviews to carve out the structure of the digital platform.

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