ENGAGEMENT CASE STUDY

Customer Background

The organization is a strategic business unit of a highly diversified conglomerate headquartered in Mumbai, India. An environment friendly company, it has expertise in the fields of real estate & development of modern living spaces. It has a comprehensive portfolio of construction materials which include specially engineered ready mix concrete products, pavers, AAC (Autoclaved Aerated Concrete) blocks & recycled concrete blocks for different types of applications.

Business Case

The organization was finding it very difficult to ascertain cement inventory in the silo in air tight condition due to intermittent pouring of cement and its continuous dispensation at the other end. Given these constraints, it was looking for a system that could address the following requirements:

• Reduce excess inventory carrying cost for cement
• Reduce lost business opportunity due to stock out situation

India's Leading Construction Organization Implements IoT & ML Solution for Real Time Cement Inventory Calibration

Highlights

Industry: Construction

Project Location: India

Engagement Since: 2019

Solution Snapshot:

• Inventory Optimization & Forecast for Process Industry

• Business rules configured on Kii IoT Layer on AWS Cloud

• IoT Hardware – Radar Level Meter

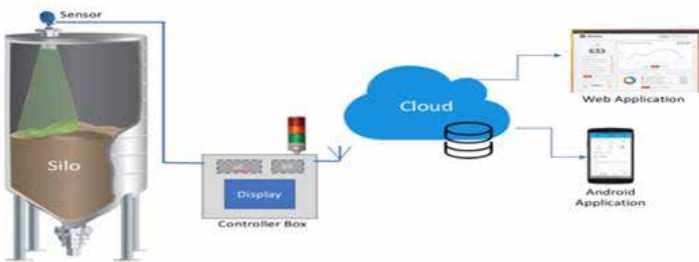• Edge Gateway with Wi-Fi/LAN/GPRS

Business Solution

The solution provided by GITL has the following highlights:

- Cement inventory is calibrated in real time in tonnes using Radar Level Meter & Business Rules are Configured on IoT Cloud

- Alerts are provided for refilling if the stock plunges below ROL (re-order level) or safety stock level

Benefits

- Inventory in the silo can be calibrated with 98% accuracy

- Manual & error prone checking has been eliminated

- Manipulation of invoice by cement suppliers has been prevented

Contact us

India

Head office

Godrej Infotech Ltd.
Plant 10, Pirojshanagar,
Vikhroli (West),
Mumbai- 400 079, India.
Tel. : +91-22-67964005 / 4086 / 4087
Fax : +91-22-25181728

About Godrej Infotech Ltd.

Godrej Infotech Limited, part of the $4.1 Bn. Godrej group is one of the leading IT service provider specializing in End-to-End IT solutions and services. Strategic partnership with industry leaders like Microsoft, Infor, LS Retail, and Oracle have played an instrumental role in making the organization a mature IT partner that understands the value of business process automation. Our service offerings include Business Consulting, ERP Implementation & Support, Application Development, Integration, Digital transformation, Analytical services, Mobile Application Development, Infrastructure Management, and e-Commerce. We have domain and technology expertise in the manufacturing, retail, trading, distribution, logistics, hospitality, project, and service industries. A CMM Level 4 and ISO 9001:2015 certified company, GITL's service offerings follow proprietary methodologies derived from product best practices and experience in similar implementations. Headquartered in Mumbai, India we have presence in Middle East, APAC, Europe and US with customer footprints extending across multiple geographies.

Email: infotech@godrej.com l www.godrejinfotech.com