

intelliAsset for Silos

Supply Chain Optimization and Silo Management for Modern Ready-Mix Concrete Business.

Flawless supply chain management ensuring on-time delivery of Ready-Mix Concrete (RMX) to the customers is critical to the success of RMX businesses. However, to ensure this, RMX businesses must overcome:

Supply chain inefficiencies owing to the non-visibility of inventory

Volatile customer demand and delayed access to demand information

Risks related to employee health and safety, and Silo breakdowns

Inefficient logistics and plant operations

Inability to remotely monitor processes and asset health (silos, filters, etc.)

Introducing intelliAsset for Silos

intelliAsset for Silos is a Ready-Mix Concrete(RMX) Supply Chain Optimization solution that helps RMX businesses monitor, manage, and control inventory and assets (Silos, etc.). It leverages the power of the latest digital technologies such as the Internet of Things (IoT), Artificial Intelligence (AI), Machine Learning (ML), etc. to enable the following core areas of a modern RMX business:



Smart Connected Silos



Supply Chain Optimization



Vendor-managed Inventory



Customer Experience

Key Features

Built on Birlasoft's Action and Analytics platform – intelliAsset provides smart automation, remote monitoring, and integrated data access features across the supply chain.

IntelliAsset for Silos Features

Enhance Supply Chain Visibility and Operational Performance

RMX Plant Operator Cement Distributor or Vendor

- Order tracking, receipts and monitoring
- Plant-wise summary and inventory visibility at Silo level
- Auto replenishment and replenishment Analytics
- Automated Cement Reordering
- Alerts and Notifications
- Continuous Level Monitoring (Cement, Aggregates)
- Historical Stock level trend by Silo

Improve Workplace Safety and Compliance

RMZ Plant Operator Safety and Compliance team

- Silo maintenance tracker and maintenance scheduling of critical assets and components such as pressure relief valves, etc
- Cement pressure monitoring Excess pressure alerting and control
- Enabling cements deliveries during non-working hours (when staff is not available)

Improve Customer Experience

Plant Manager

- Integrated Reporting and Analysis
- Custom Dashboards
- Anytime, anywhere access to information
- Real-time demand view

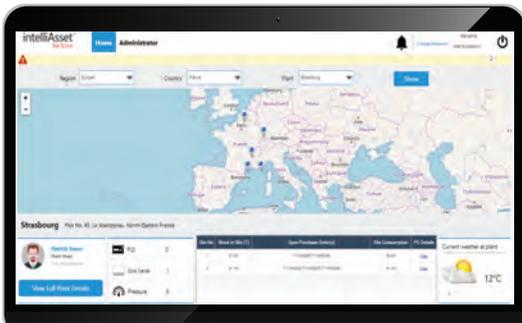


Figure 1:
Organization View – Plant Navigation



Figure 2:
Plant View Dashboard

Key Benefits

- Effort savings and improved utilization
- Improved production reliability and better control of inventory
- Higher return on assets and equipment
- Better Health, Safety, and Environmental (HSE) compliance
- Reduced administrative work
- Employee and customer delight

The Birlasoft Edge

Reliability and Quality



Enterprise-grade solution built on an IoT platform

Scalability



Scalable to support your growing business needs

Customized for Business



Integrates with your end-to-end supply chain or can be customized for limited functionalities as required

Cost-effective and Compliant



Reduction in cost of operations and logistics and increased utilization of Silos and Plants



RESOURCES

digital@birlasoft.com | birlasoft.com

Enterprise to the Power of Digital™

Birlasoft combines the power of domain, enterprise, and digital technologies to reimagine business processes for customers and their ecosystem. Its consultative and design thinking approach makes societies more productive by helping customers run businesses. As part of the multibillion-dollar diversified CK Birla Group, Birlasoft with its 12,000+ professionals, is committed to continuing the Group's 160-year heritage of building sustainable communities.