intelliAsset™

Analytics + Action Platform for modern asset O & M industry Asset visualization, analytics & action in near real time
Birlasoft intelliAsset

All your disparate data on one system, visualized beautifully in near real time, forecasting performance, predicting changes and prescribing action.

Birlasoft’s intelliAsset turns your data into a profit center. Monitor, analyze, predict, diagnose and excel.

intelliAsset is ideal for:
1. Asset owners who want a simple monitoring solution
2. Asset operators who need complex analytics and forecasting to plan ahead
3. Asset maintenance firms who want to automate manual processes and turn unplanned repairs into planned maintenance
4. Original Equipment manufacturers who want to streamline monitoring, parts delivery and repair procedures
5. Other companies who want to modernize and integrate their asset strategy

Visualize better with integrated operations, geospatial and business data on one system in near real-time

Rapidly perform calculations, catch anomalies, and establish trends in asset behavior and maintenance. Forecast future production, asset failure and workforce plan

Get ahead of the game with alerts, intelligent workflows, diagnosis, prescriptive maintenance and empowered field service

Lower Costs
Reduce unplanned outages and get the best ROI

Lower Costs
Optimize your asset and workforce performance

Lower Costs
Predict and prepare for changes in operation
The Technology

**OPERATIONAL DATA INFRASTRUCTURE**

SENSOR DATA FROM ASSETS → IOT DATA PROCESSOR → REPORTING & INTELLIGENCE → MAINTENANCE SCHEDULING

BUSINESS DATA → BUSINESS PRODUCER

INTERNAL & EXTERNAL DATA SOURCES → GIS DATA (ARCGIS)

GIS DATA (ARCGIS) → REAL TIME PLATFORM → PREDICTIVE WORKFORCE FORECASTING

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**OPERATIONAL DATA INFRASTRUCTURE** → PLATFORM → PORTAL → BUSINESS SYSTEMS

BUSINESS SYSTEMS → MONITORING → DIAGNOSTICS & PROGNOSTICS

EXTERNAL SOURCES (GIS, OEM, ETC.) → BUSINESS SYSTEMS

Roles

SITES

- OPERATIONAL DATA INFRASTRUCTURE
- BUSINESS SYSTEMS
- EXTERNAL SOURCES (GIS, OEM, ETC.)
intelliAsset has three components that are available separately or together

**Integrated Analytics**
Visualize events and analyze your data on one system, with near-real time data and integration with GIS and business systems.

**Diagnostics Engine**
A diagnostics engine, trusted by tier one automotive companies, does the heavy lifting, helping you monitor events and prevent faults. An always-learning system uses past events to diagnose, prevent and prescribe corrective action.

**Predictive Intelligence**
Predictive intelligence will warn you before an asset fails, and prescribe corrective action. In addition, historical data can be used to predict your asset output and optimal workforce levels required at any given time.

intelliAsset benefits every level of your organization

**O&M management**
Asset maintenance insights Integrated workflow from service to inventory Advanced analytics for optimized operations

**O&M technicians**
- Fault analysis & guided repair
- Parts information
- Service feedback

**Asset operators**
- Performance reports
- Service alerts & orders
- Advanced analytics for optimized operations

**O&M command center**
- Remote diagnostics & monitoring
- Predictive maintenance
- Guided troubleshooting

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**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 diversified CK Birla Group, Birlasoft with its 10,000 engineers, is committed to continuing our 150 year heritage of building sustainable communities.

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