



## ACCELERATING INNOVATION WITH TECHNOLOGY

Enabling Business Transformation through Digital Enterprise Services

The integration of IT and OT landscapes propels the digital transformation in manufacturing and industrial sectors. The most effective Industry 4.0 solutions seamlessly combine domain knowledge, advanced technological expertise, engineering excellence, and a profound understanding of business operations. Cyient stands out by excelling in these distinctive strengths, positioning itself as the preferred partner to introduce non-linear value to enterprises.

### Accelerating digital industrial transformation across the value chain

#### Key Services/Offerings



##### Product Lifecycle Mgmt.

- PLM Services
- SLM & ALM
- MBD/ MBSE
- CAD hyper automation



##### Manufacturing Operations

- Asset Operations
- Industrial Automation
- MES/ IIOT
- Factory Analytics



##### Enterprise Asset Mgmt.

- Asset Information Management
- Maintenance/Reliability/Integrity
- Asset data aggregation & migration
- Geo Data



##### Aftermarket Services

- Field Service Management
- Warranty Management
- Customer Support L1, L2
- Salesforce Field Force Management Industry



##### Platforms

- Cloud Platform Services
- Data Platform Services
- DevOps / Security / Agile
- Data Platform Services
- PDO



##### Geospatial Services

- Geospatial Application Development
- Data Augmentation and Publishing
- Implementation of Spatial Data Infra/Intelligence (SDI) on ESRI Platform



##### Business Analytics

- Predictive Analytics
- Prescriptive Analytics
- Artificial Intelligence
- AI/ML Engineering



##### Applications Engineering

- Custom App Development
- System Integration
- Software Migration & Upgrade
- Database Applications



##### RPA

- End to end process automation
- Bot monitoring and support
- Structured BOM creation
- Legacy system integration

## Your Digital Transformation Partner

Leveraging our technology and domain expertise and with a clear focus on business outcomes, we enable the transition of resource-intensive enterprises from manual to managed by strategically implementing automation and avoiding non-value-creating processes to realize operational efficiency, engineering agility, and sustainable solutions for real problems.

Below are a few case references we have delivered:

### Digital Twin to Reduce Design Cycle Time for a Tyre Manufacturer

- Implemented Digital Twin to integrate requirements/parts/BOM/analysis/test request/result creation and approval
- Connected all departments in the Tyre Development process and reduced paperwork
- Enabled 75% reduction in design cycle time and 85% reduction in paperwork

### Smart Factory for an Aero Major in the US

- Developed smart factory solution on next-generation architecture to enable users to take rapid action within 10 minutes of factory event occurrence,
- Enabled 60% reduction in line/ machine stops

### Predictive Analytics of Mining Trucks

- Implemented an ML approach to detect an impending failure in the mining trucks operating 24 x 7 x 365 days with minimal false alarms, enabling predictive maintenance of 300+ trucks
- Enabled ~\$30 Mn savings in maintenance costs and up to 50% improvement in fleet availability/uptime

## The Cyient Edge

With a decade of experience in the Off-Highway Industry, Cyient employs pragmatic, flexible, and innovative strategies to meet our client's business requirements. We shape trends for successful products and services in a connected Off-Highway industry by supporting the entire value chain through the Design, Build, and Maintain stages. Working in close collaboration with clients & leveraging our Mining domain knowledge we co-innovate to design and optimize future-ready solutions.

Cyient (Estd: 1991, NSE: CYIENT) is a global Digital, Engineering and Technology solutions company. We collaborate with our customers to design digital enterprises, build intelligent products and platforms and solve sustainability challenges. We are committed to designing tomorrow together with our stakeholders and being a culturally inclusive, socially responsible, and environmentally sustainable organization.

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