



Enabling smart manufacturing through agile digital transformation with MINTVIZOR



Industry 4.0



Smart Manufacturing



Smart Factory



Industrial Revolution 4.0

All four terms describe the same with: the digital transformation of manufacturing. This transformation is being driven by disruptive technologies, increased automation and the addition of intelligence to manufacturing processes. And there's no going back.

The key to mastering Industry 4.0 is data.

It has become the manufacturing industry's most valuable business asset. The path to success is turn data into actionable insights that improve decision-making. If all that data is optimized, manufacturing companies are poised to increase efficiency, create competitive advantage and develop new business opportunities

MINTVIZOR is an easy to use manufacturing analytics solution for plant managers and factory personnel which provides real-time machine monitoring and analytics of shop-floor data to drive decision making for higher throughput, reduced downtime and improved product quality.

It provides a modern web based configurable user interface supported by cloud hosting and machine learning driven alerts and predictions.

Drive Agile Digital Transformation with MINTVIZOR



Enriched Data with Contextualization

Automating data preparation and applying rules and context creates meaningful data that is ready for analysis



Advanced Analytics and Visualization

Provides configurable dashboards with performance metrics, trends with analytics reporting, and operator collaboration; providing enterprise-wide operational insight into assets, people, and processes



Deliver Insights at the Edge

Generation of metrics, alerts and identification of anomalies based on multi-dimensional aggregations of event streams resulting in predictive and prescriptive insights



Connect Operations with Industrial IoT

Connect devices through hardware and software adapters, aggregating the data on the edge into MTConnect standardized format, creating uniformity and meaningful data



Flexible IIoT Platform for Manufacturing and Industrial Analytics Applications

Rapidly build and extend your own smart manufacturing solution with purpose build platform



Increase Throughput, Reduce Downtime and Improve Product Quality

Identify and address factors impacting equipment effectiveness and achieve your goals in a systematic agile manner

MINTVIZOR for Production

An out of the box configurable cloud-based analytics platform for operational intelligence in discrete manufacturing providing real-time visualizations and advanced analytics of shop-floor, enterprise, and supplier data.



Improve Productivity and Workforce Performance

Design & implement data-driven processes, methods and controls to improve productivity and reduce waste.



Streamline Industrial Processes

Implement lean processes and standardized best practices. Improve maintenance processes and reduce associated costs.



Optimize Complex Manufacturing Operations

Get real time visibility into shop floor data, analyze and make informed decisions



Improve Asset Utilization & Performance

Ability to monitor and manage equipment utilization, part production, workforce productivity, and asset health



IOT Solutions for Smart Manufacturing



Asset Utilization & Performance Management

Digital transformation unlocks the potential of your asset, improving reliability and availability of physical assets while minimizing risk and operating costs



Predictive Maintenance

Analyze your machine data to diagnose, predict and avoid failures and damages to your machine equipment's



On Demand Manufacturing

Enabling on demand manufacturing with real time visibility and insights into your assets and production line across the entire manufacturing supply chain



Remote Asset Monitoring

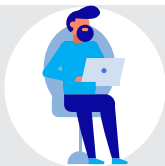
Get real time visibility into what's happening in your plants in multiple locations from anywhere and anytime



Additive Manufacturing Optimization

Improve 3D printer availability, capacity planning, up-time, yields and manage conditions that effect product quality

Services that Drive Technology Adoption and Maximize ROI



Consulting

- To help you decide the most effective strategy and direction and make the right choices
- Current state assessment
- Smart industry transformation roadmap with milestones aligned with business objectives



Implementation

- To help you with an agile, secure, extensible implementation to get up and running quickly
- Network readiness evaluation
- Training Software deployment assistance
- Assistance in managing global cross-location programs



Adoption

- To help you realize value through enterprise wide adoption
- Define baselines, KPIs, best practices, improvement opportunities
- Helping set up communication, collaboration mechanisms leveraging MINTVIZOR functionalities
- Facilitating regular KPI tracking and goal oriented actions



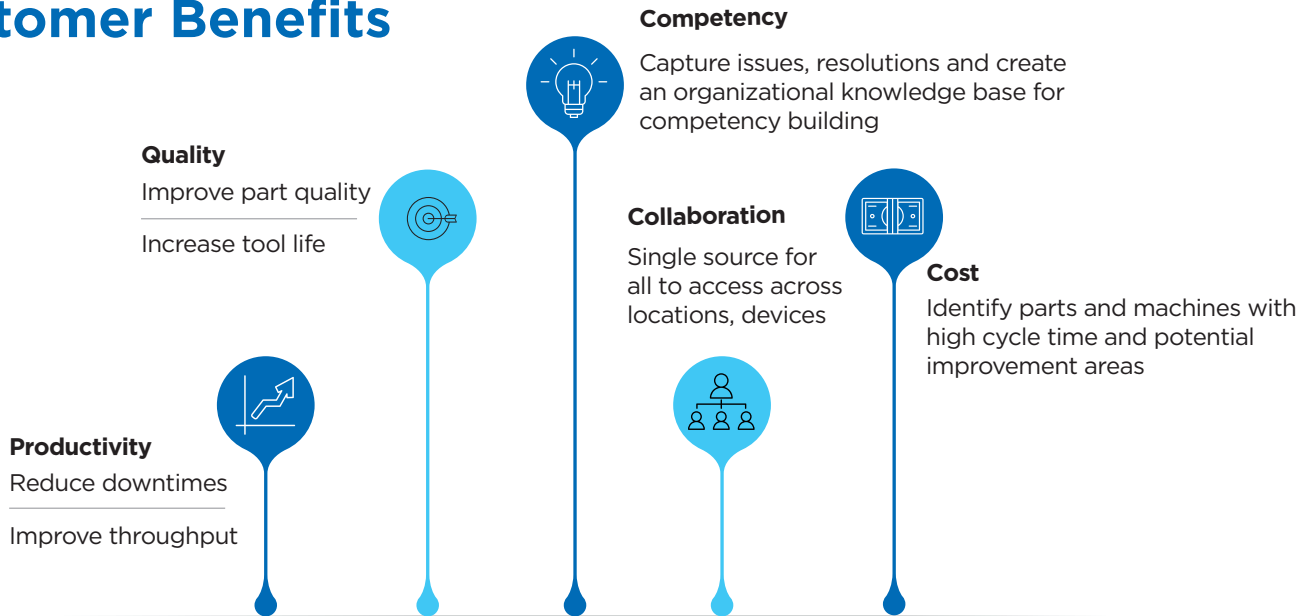
Customization

- To address business specific goals by bridging gaps and helping build custom links with organizational and partner ecosystems
- Augment your development teams by providing specific development expertise
- Development adaptors for specific hardware
- Custom algorithms leveraging AI/ML to address customer specific goas and requirements

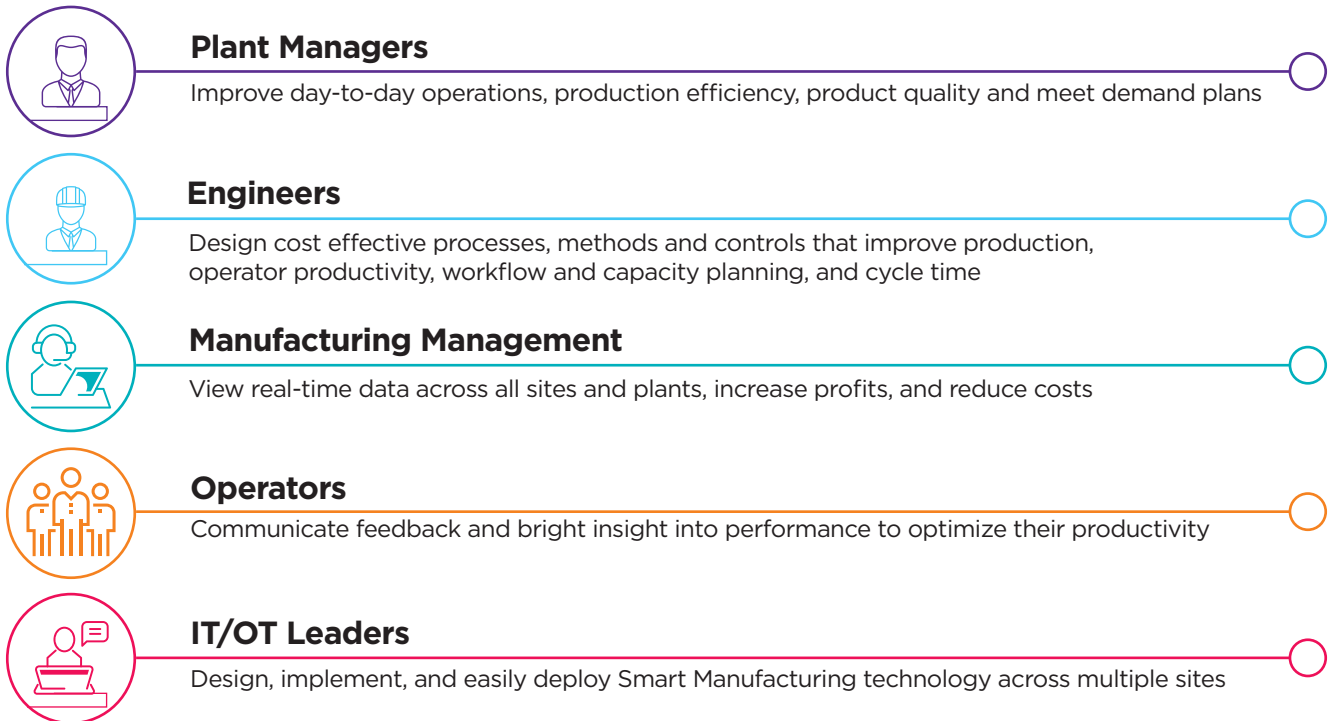
Customer Success Oriented Approach



Customer Benefits



Bringing Value to Every Stakeholder



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