Embrace Digital Trends to Remain Competitive in the Automotive Industry

The automotive industry is entering a period of intense change. The next generation of products and services, combined with new manufacturing technologies and business models such as ride-sharing and shared ownership, is transforming the way people think about transportation. Any one of those trends is disruptive enough to warrant adjustments to your business.

Digital transformation impacts everyone

HEAD OF MANUFACTURING

Challenges
- More simulations
- Step changes in efficiency
- Drive consistent behavior across the company

Solutions and Outcomes
- Standard processes, models, and approach across plants
- Shorter time-to-market for new models
- Cross-plant handovers at tip-of-fingertips
- Easy to accommodate for local practices
- Faster responsiveness to market conditions

OPERATIONAL RESPONSIVENESS

Industrial Applications

PLANT MANAGER

Challenges
- Better planning and forecasting
- Optimize resources and inventory
- Reduce risk of upgrades and changes
- Optimize throughput

Solutions and Outcomes
- Deliver achievable volume forecast
- Avoid product rate and task time in real-time
- Plant-level performance report
- Predictive analytics for decision-making
- First-time/Batch O&T analysis
- Less time spent on rework
- Reliable change and upgrade
- Reduced inventory

MORE INSIGHTS & PEACE OF MIND

Industrial Applications

IT & OT/MAINTENANCE MANAGER

Challenges
- Integration of legacy systems
- Safe roll-outs across multiple facilities
- Break down information silos between ERP and manufacturing
- Total cost of ownership (TCO)

Solutions and Outcomes
- Bridge information silos
- Templates for global roll-out/reduced test and regression phases
- Faster time to solution
- Easier to maintain, easier to grow reduced TCO

AGILE DEVELOPMENT

Industrial Applications

OPERATOR

Challenges
- Increase situational awareness
- Minimize errors
- Workstation integration
- Respond quickly to events and alarms

Solutions and Outcomes
- Modern UX increases usability and situational awareness
- Provides IT information on defects
- Decreases rework time
- Integrated form & workflow management
- Decrease response time
- Reduce risk of making errors

WORK MORE EFFICIENTLY

Industrial Applications

TEAM LEADER

Challenges
- Minimize planning time
- Achieve a robust volume
- Reduce time spent reporting
- Drive adoption of new technologies
- Increase activity and centrality

Solutions and Outcomes
- Automate route management
- Visualization and services, combined with analytics
- Volume forecast for a particular shift
- Predictive (preventive maintenance)
- Auto-generated reports, including quality data, and shift report
- Built-in traceability / genealogy
- Ability to manage defects/crash
- Innovative view of any device
- "I can do this locally/internally and know how to exceed our number goals."

CONCENTRATE ON WHAT’S IMPORTANT

Industrial Applications

Learn how our portfolio of digital industrial applications can accelerate your digital transformation journey.

www.ge.com/digital/customers/automotive