



GE VERNOVA



# 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.

## Head of Manufacturing



### CHALLENGES

- Plant consolidations
- Step-change in efficiency
- Drive consistent behavior across the company

### SOLUTIONS & OUTCOMES

- Standard processes, models, and approach across plants
- Shorter time-to-market for new models
- Cross plant benchmarks your fingertips
- Easy to accommodate for local practices
- Increased responsiveness to market conditions

OPERATIONAL RESPONSIVENESS

### SOLUTIONS & OUTCOMES

- Deliver achievable volume forecast
- See the product rate and take time in real-time
- Plant area performance reports
- Timely actionable defect analysis
- First Time Thru (FTT) analysis
- Real-time WIP management
- Less time spent on training work force
- Reliable changes and upgrades
- Reduced inventory

### CHALLENGES

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

MORE INSIGHTS & PEACE OF MIND

## Plant Manager



## IT & OT / Maintenance Manager



### CHALLENGES

- Integration of legacy systems
- Safe roll-outs within allocated time frame
- Break down information silos between ERP and manufacturing
- Total cost of ownership (TCO)

### SOLUTIONS & OUTCOMES

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

AGILE DEVELOPMENT

### SOLUTIONS & OUTCOMES

- UX increases usability and situational awareness
- Provide R/T information on defects
- DC tooling integration
- Integrated andon
- Execution management via work instructions minimizes errors
- Easier abnormal and exception path handling
- Decrease response time
- Reduce risk of making errors

### CHALLENGES

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WORK MORE EFFICIENTLY

## Operator



## Team Leader



### CHALLENGES

- Minimize planning time
- Estimate volume of archives
- Reduce time spent reporting
- Getting global view on all areas
- Acting locally and centrally

### SOLUTIONS & OUTCOMES

- Automatic route management
- Instant broadcast to stations
- Volume forecast for a particular shift
- Optimized Lineside replenishment
- Auto-generated reports, including quality data, end of shift report
- Built-in traceability / genealogy
- Ability to manage defect lifecycle
- Remote view on any device

CONCENTRATE ON WHAT'S IMPORTANT



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