The future of automotive manufacturing

Driving integration and innovation with high tech

Highlights

Better meet industry demand.
Compete more effectively.
Improve productivity.
Recruit the best and brightest.
Operate at the speed of change.
Make better, quicker business decisions.

Integrate

Between the rapid regrowth of the automotive industry, a shortage of mechanical and electrical engineers entering into the automotive industry, and growing consumer demand for high-tech electronics integrated into automobiles, the automotive industry is facing unprecedented challenges. Unfortunately, these factors all add up to an environment where it's increasingly difficult for manufacturers and suppliers to keep up with the rapid pace of new product development, short product lifecycles, and the demands of complex engineering integration.

Whether your company is an original equipment builder, tier supplier, aftermarket parts manufacturer, specialty vehicle builder, or remanufacturer, in order to survive and compete effectively in the automotive industry, you need to keep pace with the speed of change. Today's consumers want vehicles that come with complex, integrated electronics, such as telematics, entertainment systems, collision avoidance systems, traction control, and fuel economy systems. To get products to market quickly to satisfy these demands, you need to have solutions in place that allow your engineers to work the way they think, provide a flexible software infrastructure, and offer real-time access to relevant, in-context business information.

Innovate

With business software tools designed for today's new crop of engineers, you'll attract the best and brightest coming out of top-notch engineering schools. With these engineers helping to design your products, you'll have the creative power to produce innovative products that satisfy consumer demand. And with software solutions that can easily evolve to meet your changing manufacturing needs, you'll be able to speed up new product development, bring new products to market quicker, and handle more complex products. You'll also be able to make better business decisions, faster, with a solution that delivers analytics from across all aspects of your business.

Important information for senior executives and managers in your organization who are responsible for making key business decisions in the following areas:

- Engineering
- Finance
- Human Resources
- Operations
- Sales
- Service

Solutions for how contemporary engineers think

To attract the best young engineers just coming out of today's universities to your organization, you need to give them tools that allow them to work the way they think. These tools need to provide them with immediate access to the information they need whenever and wherever they need it. They shouldn't have to seek out the information; instead the information should come to them in the form of alerts and dashboards, and be readily accessible via numerous mobile platforms, such as smartphones and tablets. And the tools should be flexible enough to empower them to access relevant analytics in ways that can be customized to suit their particular roles, tasks, and personal preferences.

One such tool is enterprise social networking, which when integrated with your business processes, offers more effective communication across the enterprise and promotes collaboration in today's increasingly event- and knowledge-driven environment. Not only will your engineers be able to share ideas and implement them faster, they'll be working in a unified, accessible, and already familiar environment.

You'll improve the speed, scale, and value of interactions between your employees—dramatically changing the ways in which they work with information, systems, and each other. They'll be able to connect with colleagues in public and private communities and securely share information, content, and conversations. By integrating enterprise social networking into your flow-based, transaction-driven processes, you'll allow your engineers to make decisions more quickly and with greater confidence.

Solutions with the flexibility for change

With products moving through their lifecycles quicker than ever before, you need highly dynamic solutions that are purpose built for the automotive industry, and that give you the greatest manufacturing efficiency and flexibility. You need solutions that can help you keep pace with changing needs, expectations, and technologies. You need solutions that let you make the most of new strategies, such as collaboration through social media and deep analytics.

By implementing solutions that use loosely coupled architecture, you can easily expand your solutions at any time without losing the context of the information. It's not just data points that are important; it's how the data points fit into a much bigger picture. Your people, applications, machines, and data vaults can be linked in a business network that optimizes real-time communication, remote connectivity, and deep analytics.

Solutions that put business information in context

To make sense of the multiple sources of data and the constantly growing information inside your company, you need contextual business intelligence and analytics tools that provide your engineers with the most up-to-date information from across your organization, no matter where they are.

> **To meet today's challenges in the automotive industry, you need solutions that allow your engineers to work the way they think, provide a flexible software infrastructure, and offer real-time access to relevant, in-context business information.**

You need to provide your engineers with real-time, on-demand access to relevant information in context to the business process task at hand, and allow them to filter and analyze this information from throughout the organization in a cohesive and user-configurable format—whether they're in the office or on the road. As a result, your engineers will better understand and identify your company's problems and challenges, and be better able to prioritize workloads, make more reliable business decisions, and take quicker action.

Invest

You can accomplish all this with Infor's solutions that are designed with industry focus for automotive, high-tech, and manufacturing. Infor™ can help you bring together these seemingly different disciplines into one integrated solution that meets all of your enterprise business needs from planning and scheduling, to manufacturing and distribution, to asset management, to customer management and aftermarket service, and more. With more than 25 years of experience in meeting the business needs of automotive, high-tech, and manufacturing companies, Infor will help you remain agile, overcome today's challenges, and position your company for growth.

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