

The Infor logo, consisting of the word "infor" in white lowercase letters on a red square background. A small registered trademark symbol (®) is located to the right of the logo.A man wearing glasses and a blue long-sleeved shirt is sitting at a desk in a factory or industrial setting. He is looking down at a computer monitor and has his hand on a mouse. In the foreground, there is a complex piece of industrial machinery with various components, wires, and a large roll of material. The background shows a window with greenery outside and a white door.

**BROCHURE**

# Infor Factory Track for Infor LN

## **Manufacturing excellence for the modern era**

Across most industries, disruption is inevitable. Manufacturing is no exception. The manufacturing ecosystem is broad, and manufacturers have leveraged technology to address business challenges for a long time. The business challenges faced by today's manufacturers are compounded by a volatile landscape of competitive pressures, digitalization, automation, and the unpredictable nature of supply chain disruptions.

While using technology to solve business problems isn't a new concept, the advent of cloud-based solutions and the commoditization of the internet of things (IoT) are making advanced digital solutions more accessible to all manufacturers. It's becoming cheaper and more accessible for manufacturers to leverage technology to solve their business challenges creatively, while also building smart factories.

Manufacturers have seen benefits over the past few years in labor productivity (+12%), factory capacity utilization (+11%), and total production output (+10%). And it may be tempting to expedite adopting new technologies, especially when early adopters or trailblazers have seen an average benefit of 20% across these metrics whereas followers only 8%.<sup>1</sup> However, it's important to keep in mind that one of the most important success metrics for any digital transformation or shop floor project is understanding the underlying business challenges before embarking on your implementation.

## The evolution of manufacturing technology

Paper-based manufacturing processes are simply archaic. They allow poor data integrity and human errors to propagate throughout the production process. Many manufacturers have realized this and have started employing semi-automated manufacturing processes. Semi-automation is a step in the right direction, but solutions with just partial automation are often disjointed and lack a common platform. This segmentation of processes introduces inefficiencies and leaves gaps that allow for valuable performance and insights to be missed.

The numbers are compelling: 84% of companies implementing IoT projects are stuck in pilot purgatory, 28% of them for over two years.<sup>2</sup> Don't be the company that gets stuck on a multi-year pilot implementation. Manufacturers that can slice through the hype of cutting-edge technology and actually focus on the opportunities and challenges that they face as a business, will ultimately attain a competitive advantage. Accelerate your Industry 4.0 initiatives and get beyond a pilot abyss with Infor Factory Track\*.

### Infor Factory Track

Built on 20+ years of experience with Infor LN customers, Infor Factory Track has evolved into an end to manufacturing automation solution. Factory Track delivers a real-time interface between your plant floor activities and the enterprise supporting key LN business processes out of the box. Built on a modern and extensible platform, Factory Track supports both on-premises and cloud deployment methodologies with LN.

**Factory Track makes it easy for manufacturers to accelerate Industry 4.0 transformation imperatives and deliver a competitive advantage.**

### Increase your ROI with an end-to-end solution

Infor Factory Track delivers automation capabilities to help streamline and connect manufacturing operations in the warehouse and on the plant floor. An extension of Infor LN, Factory Track delivers a powerful, scalable solution for key warehousing and manufacturing business processes. Factory Track helps manage inbound, outbound, and inventory operations; attendance and production tracking; labor reporting; and much more. Automate machine data capture of production activities to capture overall equipment effectiveness of your machines, account for every transaction and activity an employee has completed in a workday and gain real-time visibility into plant floor operations.

### Adopt Manufacturing 4.0

Automation systems can simplify operations and enhance traceability on the shop floor and in the warehouse. With Infor Factory Track, you get the next level of factory floor and warehouse automation, so you can streamline your production processes, speed inventory handling, track labor, and automate total time and attendance operations. The modern manufacturing plant and warehouse has various types of data: inventory data, production data, quality data, and operating data, just to name a few. With Factory Track you can collect this data from industrial devices, barcode-based scanners, IoT devices, PLCs, kiosks, time terminals, and many other commonly used devices and automatically relate interconnected business process to each other, monitor operations, and reap value from previously undiscovered insights.

## Improve inventory management

Factory Track provides a simple mobile interface to automate transactions using handheld barcode scanners, and can address a wide range of data collection needs within the warehouse and shop floor with capabilities for:

- Receiving
- Inspection approvals
- Putaway
- Cross-docking
- Barcode label printing
- Inventory inquiry
- Inventory transfers
- Cycle count and physical inventory
- Kanban replenishment
- Picking all order types
- Pick confirmation
- Packing
- Shipping confirmation
- Handling Unit support

With a solution purpose built for mobile users coupled with real-time data collection, Factory Track can vastly improve inventory accuracy and increase the efficiency of inventory movements both inbound and outbound. Additionally, Factory Track lets you create and manage workflows for functional processes that will drastically cut down on activities that don't add value and greatly streamline warehouse operations.

## Automate work center operations

Factory Track combines material and operational information to deliver the most up-to-date job status and work-in-progress information. Factory Track provides a simple and convenient touchscreen user interface to help automate work center operations. Operators are able to perform all the activities in a paperless environment and transact in real time, the progress made. Supervisors have the capability to monitor all the shopfloor activities and manage both the operators and the activities performed along with any exception handling. Some of the key capabilities include:

- Visual production dispatch list
- Start and stop operations
- Record direct and indirect labor

## Infor Factory Track powers your workforce

- Utilize multiple device types, including scanners and mobiles
- Leverage data input methodologies, such as touch screens, barcodes, and more
- Support multiple users, along with their data and information requirements, including supervisor, warehouse, and shop floor
- Take advantage of a visual and intuitive solution that makes it easy to use and easy to train users
- Support multiple languages with translations in 20+ languages
- Configure the solution to meet your company's various needs from look and feel, additional information capture, validation, and more
- Extend the solution to support last-mile requirements using the Infor Mongoose development platform

- Report operation quantity (good and bad)
- Issue materials to job
- Report finished goods to inventory
- Barcode label printing
- View documents and work instructions
- Collect machine hours
- As built functionality
- Open machine integration approach
- Team management
- Operator and machine assignment
- Supervisor homepage
- OEE (work center and machine)
- Biometric support
- Work on single or multiple jobs

## Track personnel with time and attendance

Take control of your labor activities and automate attendance operations with Factory Track's powerful yet flexible total time and attendance management capabilities. Built for manufacturing, Factory Track is a comprehensive solution for operators on the production floor, as well as office employees that report time after the fact—such as engineers. By weaving together configurable attendance rules with labor data collection, the solution provides supervisors and line-managers visibility into employee clock-ins, attendance exceptions, and timesheet summaries. Capabilities include:

- Clock in and out
- Shift management
- Attendance rules (tolerance and grace)
- Time off request
- Holiday and shift calendar
- Overtime reporting
- Payroll extract
- Absence tracking
- Time sheet review and approvals
- Elapsed time entry
- Audit control
- Supervisor home page

### With Infor Factory Track, you can:

- Reduce on-hand inventory and carrying costs.
- Support government regulations.
- Track true labor costs.
- Eliminate manual manufacturing processes.

## Extend the value of your Infor LN ERP solution

With automated processes and greater efficiency, Infor Factory Track for LN delivers the strategic edge that can fuel growth and keep your organization ahead of the competition.

<sup>1</sup> Deloitte, *Manufacturing goes digital: Smart factories have the potential to spark labor productivity*, September 16, 2019.

<sup>2</sup> McKinsey & Company, *Avoid pilot purgatory in 7 steps*, April 16, 2018.

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