

Reduce Work-in-Process (WIP) Inventory and Costs



Inventory reduction is a major concern¹



In additional costs come from inventory risk²

\$10-\$100M

can be generated in 60-90 days by improving inventory management³

¹ Source: <http://www.reliableplant.com/Read/141/reduce-inventories>

² Source: <http://blog.jobboss.com/job-shop-software/reduce-inventoriesincrease-your-job-shops-bottom-line-by-30-or-more>

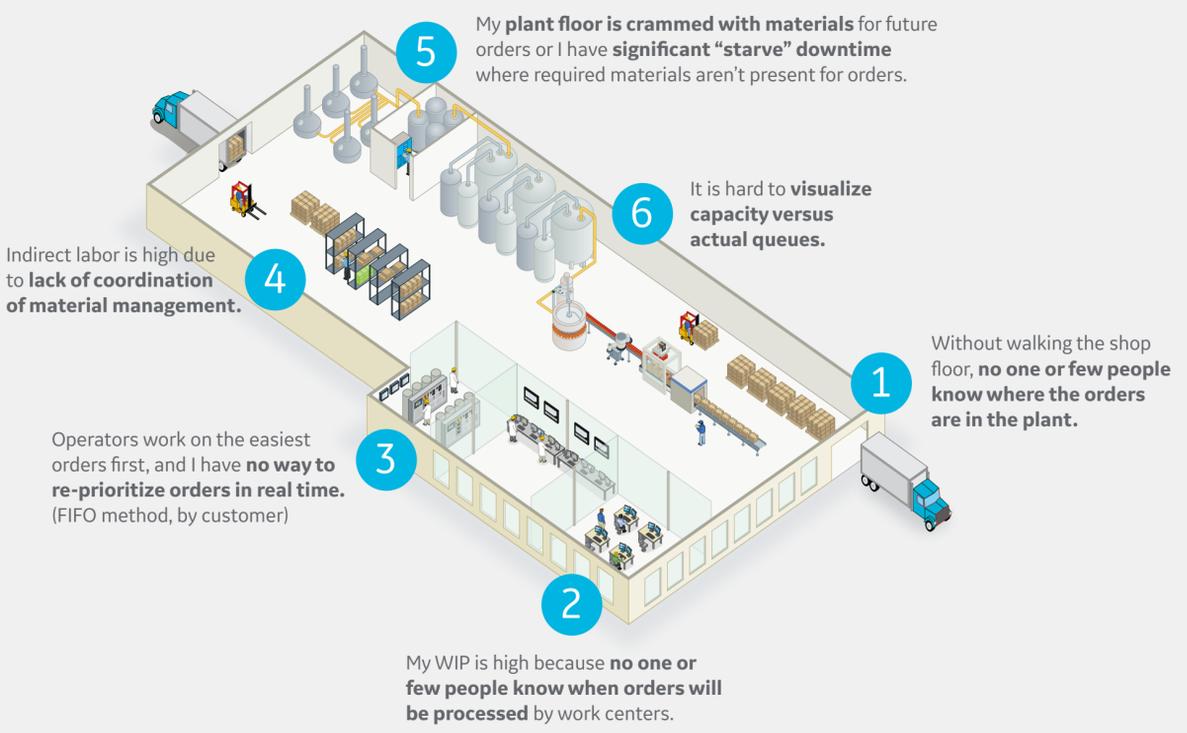
³ Source: <http://www.mckinsey.com/business-functions/strategy-and-corporate-finance/our-insights/uncovering-cash-and-insights-from-working-capital>

Manual tracking of assembly parts in heavy industry

Heavy industrial plants such as aviation, transportation, and construction equipment require a lot of shop floor space to assemble. Tracking parts in different stages of assembly is a highly manual process. In fact, even trying to find an assembly can involve a manual search of the manufacturing center. In some cases, companies have lost very large products somewhere in their factory.



Six signs you may have a WIP problem



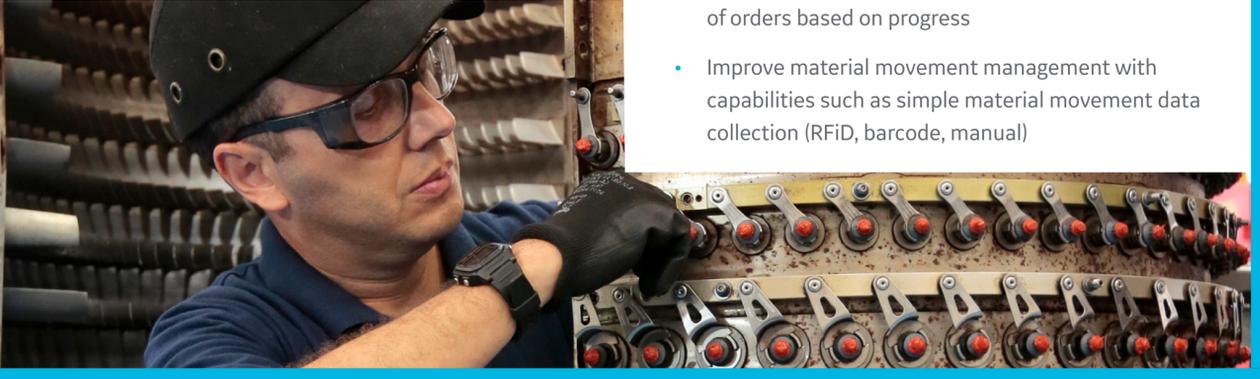
Now imagine if you could...

- Know where orders in your plant are without walking the shop floor
- Reduce WIP by knowing when orders will be processed by work centers
- Keep indirect labor costs low by providing coordination of material movement
- Reduce shop floor clutter from materials waiting for future orders, and operate more "in the now"
- Reduce plant floor "starve time" due to lack of materials required for a process step

Take your manufacturing to the next level

The power of a WIP tracking and execution solution can transform the way you manufacture heavy industry products. Today's latest technology solutions provide operators and supervisors with the capabilities to:

- Improve WIP visibility by providing visualization of the order queue at stations
- Improve order tracking with insights such as the ETA of orders based on progress
- Improve material movement management with capabilities such as simple material movement data collection (RFID, barcode, manual)



Gain visibility of all work in process

Solutions such as GE Digital's WIP Manager, part of the Brilliant Manufacturing suite, provides plant floor visibility of all work in process. It helps heavy industry manufacturers lower working capital and increase schedule adherence in days, not months.

Built using Predix, the cloud-based operating system for the Industrial Internet, WIP Manager helps manage and reduce work in process by increasing material visibility, ensuring right material at the right time at the right place, and increasing or maintaining schedule adherence.



With WIP Manager, heavy industry manufacturers have delivered business outcomes such as:



LEARN MORE ABOUT WIP MANAGER