

CONNECTED WORK

Connecting Workers to Systems, Machines & Each Other for Pulp, Paper and Packaging Manufacturing

How connected work can quickly improve operational productivity, quality and safety for Pulp, Paper and Packaging Manufacturing

Companies are faced with the challenge of improving productivity and efficiency, while ensuring workers' safety. The industry has much to gain from embracing digital technology and renouncing paper-based instructions that are outdated and are not capturing the last mile of human work.

1/2

E-commerce will drive 1/2 the demand growth in transport packaging over the next several years¹

15%

Embracing Industry 4.0 could reduce the total cost base of a producer by as much as 15%²

5%

Estimated 5% OEE improvement when embracing industry 4.0³

What is Connected Work?

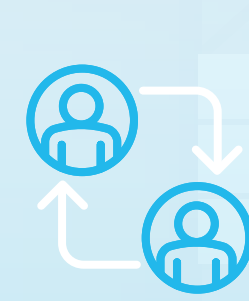
Due to advances in technology and automation, workers must be connected to have immediate access to the people, information and resources needed to work as efficiently as possible.

Connected work digitally connects people with the better, systems and machines to enable faster and better decision making, as well as the ability to optimize processes and improve productivity, quality and safety.

Why Invest in Connected Work?



Improve safety compliance



Increase team collaboration



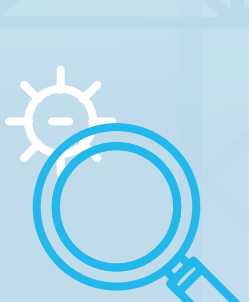
Digitize your entire workforce



Achieve operational efficiencies



Capture human activity data



Gain transparency into operations

67%

of industrial companies have connected worker initiatives underway⁴

85%

of manufacturing executives globally believe connected workers will be commonplace in their plants⁵

\$310B

projected investment in Industry 4.0 initiatives by 2023⁶

Four Stages of Connected Work

1. Digitize

Make static procedures mobile and interactive with digital multimedia SOPs.

2. Execute

Guide human inputs and trigger actions in key systems and machines. Adapt procedures in real time.

How to Drive Continuous Improvement

4. Transform

Iterate and improve procedures to increase efficiency.

3. Measure

Collect operational data and gain powerful insights into human work activity.

Drive Continuous Improvement Across Functions

With every procedure you digitize in The Parsable Connected Worker Platform, you create standardized and consistent work processes that continuously collect data each step of the way. This greatly improves efficiency and the ability to gain data-driven insight into all pulp, paper and packaging work processes.

Safety	Operations & Training	Quality	Maintenance	Warehousing & Logistics
Lock Out Tag Out	Procedural Adherence	Layered Audit	Emergency Work Order	Goods Receipt
Safety Round	Line Changeover	Visual Inspection	CIL	Material Inspection
Job Safety Analysis	Shift Handoff	Finished Product Release	Troubleshoot and Repair	Truck Inspection
5S - Housekeeping Audit	Gemba Walk	Audit Traceability	Maintenance Tag	Forklift Inspection

Core Areas of Improvement

PRODUCTIVITY



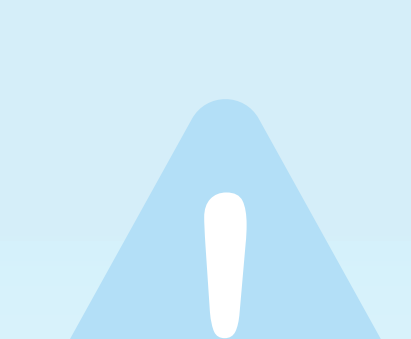
60% of Industry 4.0 adopters said digital technology helped to boost productivity⁷

QUALITY



42% of Industry 4.0 adopters improved overall product quality⁸

SAFETY

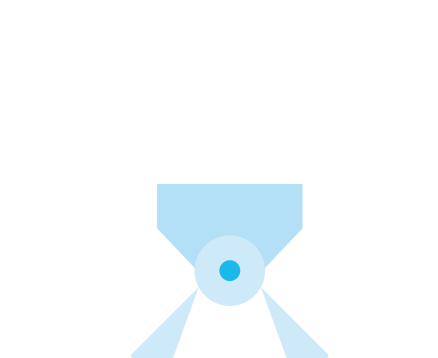


Best-in-class manufacturing environments experience an 18x lower accident rate compared to average organizations⁹

Tangible Results in Weeks

The Parsable Connected Worker Platform delivers immediate value.

Examples of customer results include:



Increase in OEE



Decrease in start-up, shutdown, and changeover times



Reduction in non-productive time (NPT)

Ready to Learn More?

Sign up for a demo of our Connected Worker Platform today!

GET DEMO

¹ <https://www.mckinsey.com/industries/paper-forest-products-and-packaging/our-insights/pulp-paper-and-packaging-in-the-next-decade-transformational-change>
² <https://www.mckinsey.com/industries/paper-forest-products-and-packaging/our-insights/pulp-paper-and-packaging-in-the-next-decade-transformational-change>
³ <https://www.mckinsey.com/industries/paper-forest-products-and-packaging/our-insights/pulp-paper-and-packaging-in-the-next-decade-transformational-change>
⁴ <https://blog.insresearch.com/transform-one-connection-at-a-time>
⁵ https://www.accenture.com/000010110000002_w/_au-en/_acmedia/PDF-57/Accenture-Connected-Workers-Industrial-Enterprise.pdf
⁶ <https://www2.deloitte.com/content/dam/Deloitte/us/Documents/consumer-business/us-2020-consumer-products-industry-outlook.pdf>
⁷ Business Development Bank of Canada, "Industry 4.0: The New Industrial Revolution," 2017.
⁸ Business Development Bank of Canada, "Industry 4.0: The New Industrial Revolution," 2017.
⁹ Aberdeen Group