

PARSABLE MOBILE COLLABORATION AND WORKFLOW FOR CPG MANUFACTURERS

The Challenge

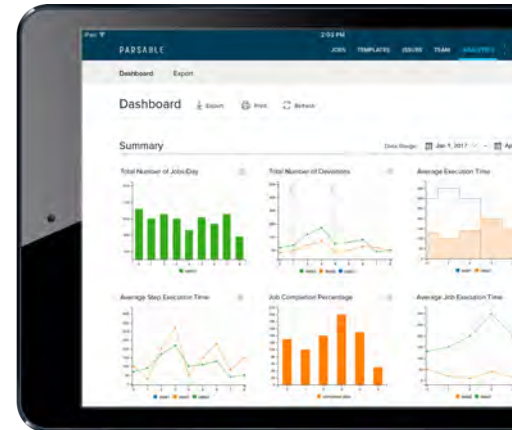
CPG manufacturers are masters of doing more with less. Constantly pushing to meet consumer demands for more variety, value, and always something new, they're also constantly looking for ways to cut costs and grow profits. Today that balancing act is even more challenging as the proliferation of retail formats increases demand for variation and customization. Operational efficiencies from Lean, Six Sigma, and World Class Manufacturing, aren't enough anymore. Digital transformation is being embraced as the means to lift results from these excellence programs to a higher level of operational agility and competitive advantage. Yet digital factories may not meet expectations if a critical element of process—people—is overlooked. With more SKUs being produced on more sophisticated machines with more frequent changeovers, it's never been so important that work crews do jobs right, every time.

The Opportunity

Empowering work teams with digital devices that help them consistently execute structured processes, collaborate on the spot to solve problems, and fluidly perform changeovers is an overlooked opportunity of potentially immense proportions. Simplifying the execution of complex work is a key to economically viable SKU expansion as well as to boosting overall equipment effectiveness (OEE). It's also the low-hanging fruit of Industry 4.0—high payback from modest investment. Implementations generally take just weeks. ROI from cost and time savings adds up quickly, with benefits multiplying as you digitize additional work procedures.

Our Solution

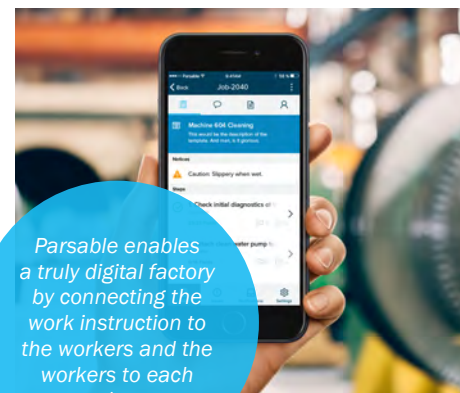
Parsable has created a mobile platform to organize work, foster collaboration, and streamline communication in industrial environments. Running on smart phones, tablets, and any other mobile device, MCW provides a “consumer-like” user interface your workers already know how to use. It enables fully digital operations by connecting work instructions to workers, workers to each other, and leaders to the people responsible for executing plan. Video, hi-res photos and multimedia chat increase process visibility for participants, stakeholders, and partners while enabling collaborative problem solving and remote inspection, consultation, and coaching. Data captured from every step of manufacturing work combines with data from machines and sensors to provide a complete picture of what's happening on the factory floor, why, and where to focus for the next cycle of continuous improvement. IIoT + connected workers = Industry 4.0 realized.



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Key Benefits

- Reduce cost and complexity of SKU expansion
- Accelerate changeovers
- Solve problems collaboratively on the spot
- Minimize rework and downtime
- Boost OEE and ROA



Parsable enables a truly digital factory by connecting the work instruction to the workers and the workers to each other.



Smarter

Augment your workers with mobile digital assistance that guides them through complex procedures, improving adherence to your defined standard work and specified variations. Instead of trying to reduce costs by simplifying your product lines (hacking off the “longtail” of demand may impact customer loyalty), simplify production. The Parsable Mobile Collaboration & Workflow (MCW) platform accelerates changeovers to meet variations in product families as well as for tailored subsystems and components. It gives operators digital tools that are independent of a specific piece of factory equipment and so can be used to perform a wider range of job responsibilities. Because the platform captures real-time work data, you can measure, analyze and improve the human component of production processes. Out-of-range metrics can instantly trigger alerts to supervisors and point to the root causes of production bottlenecks. Real-time dashboards enable company leadership to spot check that actual work is adhering to plan and notice patterns worth investigating further.



Faster

Speed time-to-market for new products and customizations by rapidly modifying and distributing changes at any level of nested work procedures. Parsable MCW provides a detailed audit trail while giving you complete visibility into and control over which processes changes affect. Reduce downtime by speedily resolving production issues. If an out-of-spec sensor reading occurs, for instance, Parsable MCW can lead operators down the best alternative path for that situation while queuing up maintenance or initiating a multimedia chat with a remote troubleshooter. Collaborative tools—including real-time data, videos, and hi-res photos—enable on-the-spot problem solving with multiple parties. Parsable MCW also increases uptime and output by guiding your operations teams through preventive maintenance. When needed, maintenance teams arrive with full context information at their fingertips. New hires to both operations and maintenance become productive sooner with interactive instructions, how-to videos, and just-in-time remote coaching.



Better Results

Expect to quickly see cost, time, quality, and safety improvements when you replace paper-driven processes with digital workflows. Double-digit results, like a 4% increase in OEE, a 100% improvement in overall asset utilization, a 50% drop in start-up, shutdown, and changeover times, a 90% drop in errors, and a 30% decrease in new operator training time, are common among Parsable customers. Drive continuous improvement by using Parsable MCW to open efficient channels for factory workers to submit suggestions. Power complex, multi-department business processes for better results and give everyone, including company leadership, visibility into their progress and outcomes.

More Information

The Parsable Mobile Collaboration & Workflow (MCW) platform is in use at industrial sites around the globe in over 57 countries. To find out more, contact us at www.parsable.com/contact or call 1-888-681-2119.

About Parsable

Parsable helps the world's largest industrial firms get jobs done right—every time. Our clients include Brenntag, Scientific Drilling, Inc., TechnipFMC, Schlumberger, Unilever, Zume and other category leaders in consumer packaged goods manufacturing, industrial manufacturing, and oil and gas. To learn more, visit www.parsable.com