

SyncoraDMP™: Transforming EV Battery Manufacturing at Scale

SyncoraDMP enables the digital transformation of Electric Vehicle (EV) battery manufacturing with configured solutions that are modular and scalable.

SyncoraDMP is a platform built on a modern architecture framework to meet your technology needs. It provides the building blocks and built-for-purpose capabilities you need to optimize MES and MOM within your factory. Where alternative solutions are often based on legacy architecture, SyncoraDMP enables agile system integration designed to future proof your manufacturing operations. With Panasonic Connect, you are partnering with a software provider that knows your industry as a leader in EV battery production and will provide the configured service and support to accelerate your business growth.

Quickly Scale Production to Meet EV Battery Demand

- Modern platform architecture overcomes scaling, configuration, and integration challenges of legacy, disparate systems
- Quickly scale from pilot line to high-volume production

Automate to Improve Output Without Increasing Labor Costs

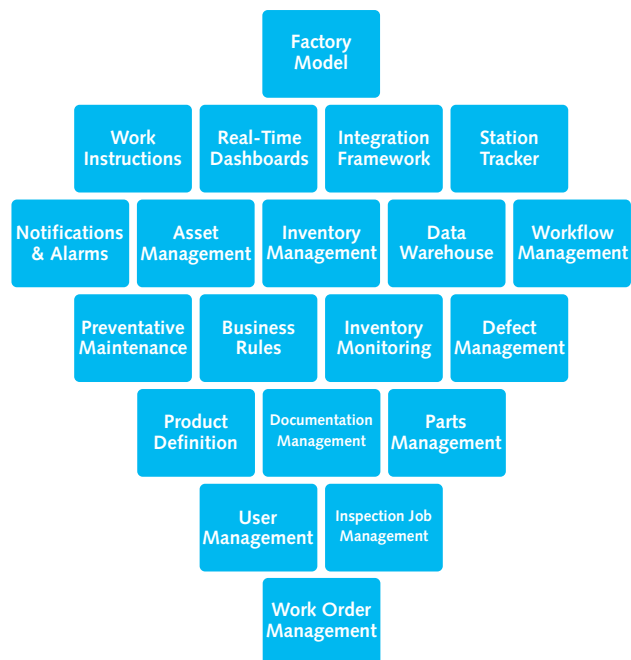
- Identify and isolate defects anywhere in the production process
- Track and trace end-to-end process and materials
- Improve the manufacturing process to increase quality standards and minimize RA/RMAs
- Increase production without increasing head count
- Specifically target, track, trace, and control end-to-end production

Digital Twin with Real-Time Visibility

- Leverage actionable insights at scale to improve quality and throughput
- Proactively plan, schedule, and dispatch equipment maintenance
- Capture true/actual costs in real time, such as materials, labor, downtime, and maintenance
- Improve Overall Equipment Effectiveness (OEE)
- Identify opportunities to increase production
- Gain visibility of machine certifications and overcome compliance issues and overall inefficiencies of the manufacturing process

SyncoraDMP is a scalable, self-service manufacturing solution platform to accelerate digital transformation without extensive development.

- **Scalable** - From simple data collection to complete smart factory digital transformation
- **Adaptable** - Be able to deliver customer's unique requirements without new development investment
- **Rapid Deployment & Time to Value** - Accelerate the deployment speed to derive value and faster ROI
- **Self Service** - Code free/Low code implementation and configuration



SMART FACTORY
SOLUTIONS

End-to-End Process Orchestration

Combine the power of digital manufacturing in factories with end-to-end business process execution. Panasonic is the manufacturing specialist to EV battery manufacturers. We are the only software company that both manufactures batteries and develops the MES software that enables the production of batteries.

SyncoraDMP accelerates your EV battery manufacturing digital transformation. It ensures optimal process execution end-to-end, from the receiving of materials through final formation, inspection, and packaging.

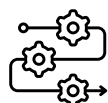
SyncoraDMP Advantages



Process Improvement - Proven factory floor ROI/TCO visibility with certified KPIs

Panasonic is a hardware and software company that uses and tests the software it provides to customers in its own manufacturing facilities. We do this because we share the same KPIs:

- Improve Overall Equipment Effectiveness (OEE) and decrease production costs
- Improve First Pass Yield (FPY)
- Drive Continuous Improvements via Business Intelligence actionable insights



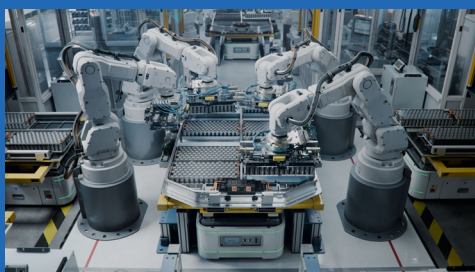
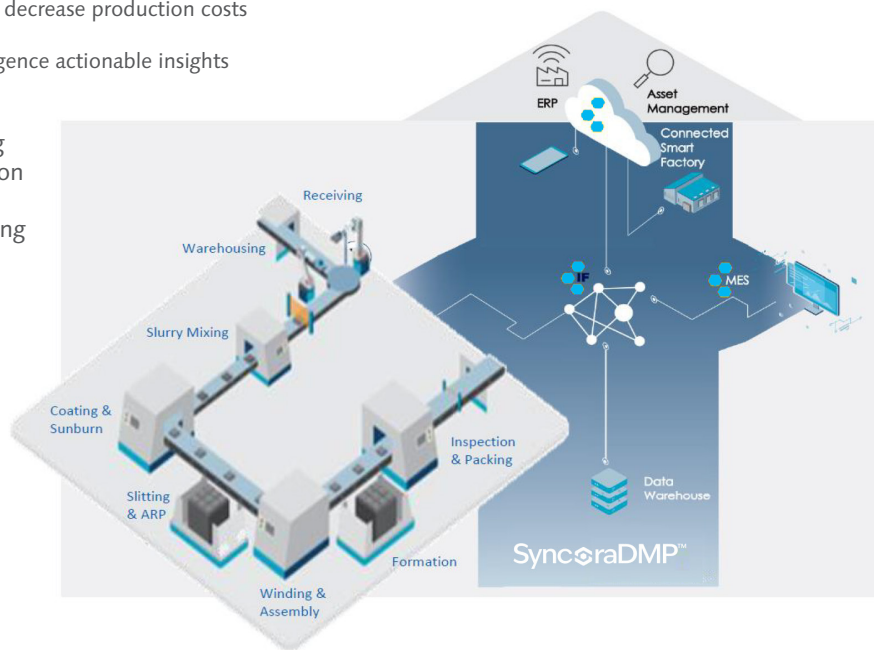
Production Efficiency

We have over 30 years of experience developing solutions to reduce waste and increase production output, factory capacity utilization, and labor productivity. Panasonic will be your manufacturing architecture partner, no matter where you are in the digital transformation journey.



Key Benefits

- Quickly scale EV battery manufacturing operations by leveraging a solution built for the industry.
- Accelerate user adoption by quickly configuring the UX/UI based on their needs.
- Maximize throughput and OEE through end-to-end visibility and actionable insights.
- Power up your agility and responsiveness by using a solution that is easily adapted to changing business needs.



Why Panasonic Connect

We're one of the largest EV battery manufacturers on the planet. We not only understand the end-to-end process to bring EV batteries to market quickly and efficiently, but we live it every day. We've embedded our manufacturing knowledge, experience, and set of best practices into a manufacturing platform that powers the gigafactory of the present and the future. Let us help you bring your manufacturing operation into the future.

Let's have a conversation about how SyncoraDMP can enable your digital transformation.

Contact us at: sh.sales@us.panasonic.com

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