



M&J Recycling: Turning Machine Data into Performance and Uptime with MyM&J Performance

Enabling smarter operation of recycling equipment worldwide

M&J Recycling is a global supplier of heavy-duty shredding solutions used in recycling and waste processing facilities around the world. Their equipment operates in demanding environments where uptime and correct machine operation are critical for customers' productivity and profitability.

To support customers and strengthen service capabilities, M&J Recycling introduced **MyM&J Performance**, a digital performance and fleet monitoring solution built on Inuatek's Data Collection Cloud (DCC).

Today, the solution connects machines across 29 countries and 273 installations - growing from just four connected machines two years ago - and now provides both customers and M&J Recycling with real-time insight into machine operation and performance.



The challenge: ensuring correct usage and reliable performance

Recycling equipment is often exposed to highly variable operating conditions. Machines may be pushed beyond intended operating ranges or used with materials they were not designed to handle, leading to excessive wear or unexpected downtime.

M&J Recycling needed a scalable way to:

- Monitor machine performance globally
- Detect abnormal operation early
- Support customers if or even before failures occur
- Help customers optimize machine operation and support long-term machine reliability and performance.
- Simplify onboarding as installations grow

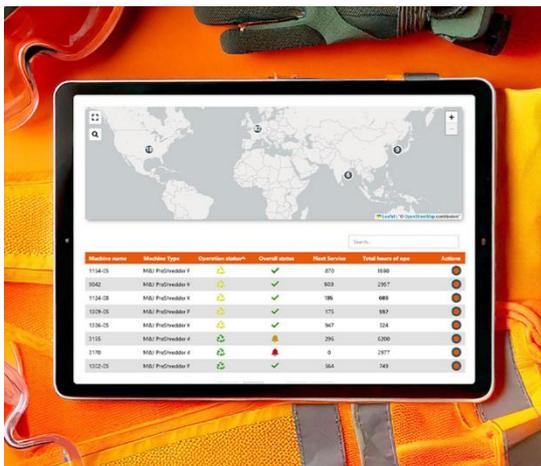


At the same time, hardware cost and global connectivity were important factors, since machines are deployed worldwide.

Building MyM&J Performance

Together with Inuatek, M&J Recycling developed a scalable IoT setup combining different connectivity approaches depending on machine type and customer environment.

All static installations use Secomea SiteManagers connected via 4G and Ethernet to PLC. The solution architecture supports SIL2-compliant safety requirements, ensuring that remote connectivity and data access are implemented without compromising functional safety standards.



As the solution evolved, M&J Recycling and Inuatek introduced cost-optimized global 4G devices with built-in CANbus and MQTT communication for mobile machines. This complements the existing Secomea-based setup and makes it easier to scale the solution across a wider range of machine models.

The result was **MyM&J Performance** - a scalable and cost-effective solution that makes it possible to connect a broad range of machines and customers while delivering operational insight across the entire fleet.

Supporting stable operation before issues escalate

Operational data now allows M&J Recycling to detect deviations in machine usage and intervene before small issues develop into critical failures.

Customers benefit from increased uptime, faster support response, and improved operational transparency.

“With MyM&J Performance, we can quickly see whether machines are operating as intended and react before minor issues develop. That gives both us and our customers much more stable operations.”

Søren Straarup Nielsen,
Service Operation Expert, M&J Recycling



Supporting long-term performance through operational insight

Operational insight helps both M&J Recycling and customers better understand how machines perform in real production environments. By identifying patterns and changes early, M&J Recycling can support customers with guidance that helps optimize operation and avoid unnecessary interruptions.

This creates a more proactive service dialogue, improves long-term performance, and strengthens collaboration between M&J Recycling and customers around getting the most value from the equipment.



“When we can see how machines are operating in real life, we can help customers adjust operation patterns and behaviour to higher performance, while keeping performance and warranty conditions transparent for everyone involved.”

Søren Straarup Nielsen,
Service Operation Expert, M&J Recycling

Data as an essential part of modern service

Today, access to data has become a necessity for both M&J Recycling and its customers. MyM&J Performance provides a practical tool that M&J Recycling continuously improves based on daily service experience.

M&J Recycling’s technicians and service partners use the platform extensively when handling customer inquiries. With operational data readily available, they can quickly build an overview, understand the situation, and provide faster and more qualified support.

Scaling fleet management with minimal effort

As installations have grown, simplifying onboarding of new machines became essential.



Over several years of cooperation, new tools and automation have been developed to make fleet expansion efficient.

Today, new machines can be added quickly, automatically assigning data processing and alert configurations without manual setup or model-specific configuration. This reduces setup time and minimizes configuration risks as fleets expand.

A partnership driving continuous development

The solution continues to evolve through close collaboration between M&J Recycling and Inuatek. New features and improvements are implemented based on real operational experience and customer needs.

According to M&J Recycling, the direct dialogue and development flexibility have been crucial in shaping the solution.

“The collaboration with Inuatek has been very direct and solution-oriented. We have been able to develop the platform together, so it fits our needs and grows with our installations.”

Søren Straarup Nielsen,
Service Operation Expert, M&J Recycling



Direct dialogue with Inuatek’s development team has made it possible to translate operational ideas into platform functionality quickly. This close cooperation means that when new needs or ideas arise, they can often move from concept to implementation in a short time - ensuring the platform continuously evolves with real operational requirements.

Looking ahead

With **MyM&J Performance**, M&J Recycling continues strengthening its digital service offering, enabling smarter and more reliable recycling operations worldwide.

Going forward, M&J Recycling aims to further expand data-driven services, including performance reports and operational improvement recommendations over time, helping customers continuously optimize machine operation and long-term performance.

At the same time, operational data is increasingly used internally to support the ongoing development and improvement of future machine generations.

