



Mataura Valley Milk Tracks Maintenance and Identifies Trends with LLumin CMMS+ Software

Business Challenges

- Requires a CMMS solution with powerful functionality to ensure the plant's ongoing success in the world's most discerning markets
- No ability to configure or customize to match business processes

LLumin CMMS+ Key Features

- Configurable, yet and easy-to-use
- Automated workflow that triggers actions and notifications
- Integrated safety & compliance functionality

The Results

- MVM reduces operations interruptions and machine downtime with LLumin's easy-to-use HMI integration
- MVM maintains food safety compliance with LLumin's clear, customizable, auditor-approved reports
- MVM organizes maintenance tasks and tracks inventory needs with LLumin's scheduling and prioritization tools

About the Customer

Aspiring to be the world's best nutrition business, Mataura Valley Milk (MVM) sources milk from a select community of local suppliers in Southland, New Zealand, with a pasture-to-market supply chain that produces a range of premium products.

The company manufactures nutritional milk powders for baby formulas and dietary supplements using the best ingredients, people, and technology. Acquired by a2 Milk Company in 2021, MVM's plant boasts the most up-to-date production equipment in the world.

Without LLumin, we would not be able to function as a maintenance team. It would be very hard to track, prioritize, and actually complete maintenance tasks.

– Simon McGowan, Mechanical Reliability Engineer.



Challenge: Powerful Functionality In a Discerning Market

Mike Arnold, a Reliability Engineer, and Simon McGowan, a Mechanical Reliability Engineer, work in tandem at Matura Valley Milk to maintain seamless plant operations and lead continuous, forward-looking improvement efforts.

Though Arnold focuses on MVM's electrical assets and McGowan specializes in the plant's mechanical aspects, both engineers require a CMMS solution with powerful functionality to ensure the plant's ongoing success among the world's most discerning markets. Having worked with multiple CMMS software options in past roles, the men agree on key software criteria, including the ability to:



- Reduce operations interruptions and downtime
- Ensure food safety that meets internal and regulatory requirements
- Organize maintenance tasks and inventory needs

Solution: LLumin's CMMS+ Tailored to The Plant's Maintenance Team

During a visit to another dairy manufacturing plant, an MVM engineering manager got to see LLumin's CMMS+ software firsthand. Arnold recalls, "They knew straight away that they wanted LLumin on-site at Matura." In their management roles, both Arnold and McGowan use LLumin daily to track real-time maintenance needs and identify reporting trends and patterns. All three of the engineers' key criteria are covered by LLumin's feature-rich software. Other CMMS platforms are difficult to learn and may deter operators from using them. Arnold finds LLumin has a minimal learning curve, making it much easier for MVM's trade staff to use the software. He acknowledges that he and his engineering colleagues successfully self-trained on LLumin. "You can follow your nose quite easily and pick stuff up!"



MVM's LLumin platform is wholly tailored to the plant's maintenance needs, further simplifying operators' software experience. "We have quite the array of people from different backgrounds—people who have never used a CMMS. So for them to be able to pick it right up shows how user-friendly LLumin is."

And if any MVM employee ever does hit a stumbling block while using LLumin, the CMMS+ support team is available to resolve issues quickly.

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Solution: Safety Audits That Deliver

LLumin's flexible data filtering and robust reporting functionality enable MVM leaders to easily provide equipment maintenance data to regulatory officials during their frequent site audits—a critical step in maintaining unquestionable food safety in the Mataura Valley Milk plant. As the manufacturer of nutritional products that include a key baby formula ingredient, MVM understands the critical nature of its safety assurances; failure is never an option. Regulatory audits are performed regularly, and LLumin allows MVM to generate equipment work histories that are easy to understand.

With one click in LLumin, we can export a spreadsheet of every safety critical asset and share that information with an auditor.

Along with maintaining MVM's safety standards, thorough reporting supports regulators who are investigating the source of a health hazard. By quickly ruling out compliant companies like Mataura Valley Milk, regulators can more quickly identify offenders and hold them accountable.

Solution: Built For Maintenance

"I've worked with a lot of different CMMS platforms," says Arnold, "and LLumin is built for maintenance."

The fact that LLumin is integrated with the HMIs makes it fast and simple for our operators. They can generate work requests and create work orders directly from the asset.

LLumin provides calibration prompts to alert teams when assets or components are due for preventative maintenance and also tracks inventory so the team can restock spare parts and other necessary tools and materials as needed.

Results: Top Three Benefits

- **Reduces operations interruptions and machine downtime.** LLumin's accessible HMI integration expedites repairs with easy-to-submit work requests and maintenance tracking.
- **Ensures food safety that meets internal standards and regulatory requirements.** LLumin's in-depth reporting tools ensure the highest quality and safety standards for Mataura Valley Milk's global buyers, with detailed reports that are clear and customizable.
- **Organizes maintenance tasks and tracks inventory needs.** LLumin's CMMS+ software allows the MVM team to effectively schedule and prioritize work requests so that the right work is completed at the right time.

Simply put, *LLumin is built for maintenance.*

-Simon McGowan, Mechanical Reliability Engineer





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