

CASE STUDY

OneFortyOne NZ



OneFortyOne, formerly known as Nelson Forests Ltd, is a New Zealand-based forestry company renowned for its commitment to sustainable forestry practices. Originally managed by Global Forest Partners, one of the world's oldest and largest forestry investment managers, the company was acquired by OneFortyOne in 2018. OneFortyOne owns 78,000 hectares of high-quality radiata pine plantations across the Nelson and Marlborough regions of New Zealand, including the Kaituna Sawmill near Blenheim. The company maintains an environmental focus, certified by the Forest Stewardship Council (FSC), meeting strict environmental, social, and economic operational standards.

How do you use MEX?

MEX plays a central role in managing maintenance activities at the Kaituna Sawmill. The Asset Register is extensively used to organise assets based on functionality, covering approximately 6,000 assets. These assets are categorised into 9 primary processes, including Sawmill, Drying, Planer, Dry Chain, Treatment, Admin, Vehicles, Workshop, and the Yard. Each process is further divided into up to 5 levels of detail, as needed, ensuring all equipment necessary for operations is meticulously tracked.

Maintenance information for each asset—such as asset details, assigned Work Orders, safety information, last service dates, and Preventative Maintenance Policies—is stored in MEX. Additionally, the team uses MEX Ops for work requests and the Stores module for managing a comprehensive catalogue of barcoded spare parts. The recent integration of the purchasing system into MEX, along with increased use of MEX Mobile Apps in recent years, has streamlined operations further.

What benefits have you seen since implementing MEX?

Having used MEX for over nine years, the benefits have been significant and transformative. The platform's ease of use and the structured Asset Register have enabled meticulous monitoring of machinery and assets at each processing level. This has resulted in maximised workflow, reduced breakdowns and significantly improved uptime and compliance conditions consistently met.

The Stores module has greatly improved inventory and spare parts management. Using the purchasing system within MEX, the team creates Purchase Orders for materials and services, consolidating records and simplifying account reconciliation and stocktakes.

Furthermore, MEX has enhanced Work Order allocation, scheduling systems, and performance tracking. Its clear and logical layout has streamlined the processes of allocating Work Orders and spare parts, ultimately leading to more efficient maintenance practices.

MEX continues to play a pivotal role in ensuring efficient and effective operations at OneFortyOne's Kaituna Sawmill, supporting the company's sustainability and productivity goals. For more information, [click here](#)

MEX has greatly improved our plant uptime and increased efficiency in tracking the maintenance of our assets