



Extracting value and insights from forestry harvesting machinery data

Forestry harvesting machinery generates a wealth of data which is unfortunately rarely used. The commercial solutions that process these data are often sales oriented and provide less useful insights for operational decision-making.

Foresion were approached by Reliance Forest Fibre (RFF) to develop a digital tool that would extract harvesting machinery data in an accessible format to enable the business to improve its efficiency and decision-making.

The solution was Foresion's HHDP tool, a lightweight robust desktop app that processes harvesting machinery data into accessible formats, ready for ingestion into business intelligence (e.g., Power BI) and other visualisation and analytics software. The tool can process months worth of harvesting, quite literally hundreds of thousands of data points in seconds.

"HHDP helped us improve our operations because of the sheer amount of data we now had access to.

We still haven't scratched the surface of how these data can be used to improve the efficiency our business"

Brett Eastley

**Senior Forester / Roading Manager
at Reliance Forest Fibre**



The data generated by the HHDP tool had a profound impact on RFF's operational thinking and decisions.

Harvesting data were now available and accessible in near-real time and were integrated into production and yield forecasting models, assortment management, better alignment of client requirements with production and benchmarking operational performance across different sites and contractors.





About Reliance Forest Fibre

Reliance Forest Fibre (RFF) are a major forestry plantation management company operating in Tasmania, Australia. The company manages over 65,000 ha of forests and a wood processing mill at Bell Bay.

RFF oversees sustainable forestry, logistics and timber processing operations across its estate. The resulting wood resources are delivered to international clients primarily for pulp and paper product manufacturing



About Foresion

Foresion are a team of highly specialised consultants that assist businesses to make the most out of their data and technology and provide decarbonisation guidance.

One of our core competencies is data analytics. Data are often seen as the new 'gold' yet it is perhaps just as often unseen, unaudited or unverified. The business and supply chain decisions made can therefore be uninformed, poorly informed or misinformed.

Foresion helps businesses use data to transform business and supply chain operations by auditing, analysing, implementing and building digital tools to use data and extract its value.

**Find out how Foresion
can help improve
your logistics and
supply chain
efficiency and reduce
emissions**

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