CANADA'S DIGITAL TECHNOLOGY SUPERCLUSTER

Forest Machine Connectivity

The collection and analysis of data using the Industrial Internet of Things technology to improve efficiency in the timber harvesting supply chain.

Project Overview

In order to stay competitive in the global wood products manufacturing industry, Canfor and TimberWest recognized the need to digitally transform and modernize the timber harvesting supply chain to remain competitive in a global industry. The companies, in collaboration with Lim Geomatics, FPInnovations and UBC's Faculty of Forestry, are undertaking the Forest Machine Connectivity project to deliver the first and only application to solve the industry's technical barriers that impact efficiency.

The Forest Machine Connectivity project will use an Industrial Internet of Things (IIoT) platform, which is a network of 'smart' devices that can monitor, collect, exchange, analyze and deliver valuable insights. The insights and data delivered will allow contractors, machine operators and forest managers to identify bottlenecks and improve productivity in real time and develop best practices throughout the supply chain.

The project is subject to commercial terms and final approvals.

CANFOR TimberWest UBC FPInnovations