



Press Release
For immediate release

Using TracElite to manage high-risk sectors of the supply chain

September 15th 2005: The need to accurately monitor and manage chain of custody systems is becoming more and more imperative, as environmental schemes and social responsibility call for a tighter rein than most paper based systems can provide. Even if 95% of your supply chain is low-risk, the other 5% still needs to be controlled just as closely. How do you manage the high-risk factors?

"TracElite-always on" facilitates the data acquisition and analysis needed to provide timber traceability throughout the entire supply chain, providing an efficient solution to the problems caused by these high-risk elements. Developed with the Tropical Forest Trust and Soil Association, "TracElite-always on" analyses forestry and chain of custody data to remotely verify and ensure compliance with sustainability rules.

So how does the system work?

The simplest way to understand the power of TracElite is to look at one of the real live supply chains currently being monitored by TracElite in Indonesia. PT Daisy Timber uses TracElite to map trees in their concession in Kalimantan, and then registers and tracks logs produced during harvesting. Logs from Daisy have been shipped to Tanjung Timberindo Industries (TTI), a sawmill in Medan, Sumatra.

Initially, PT Daisy carried out pre-harvest mapping. They:

- Mapped and tagged concession trees using a TracElite tag with a unique barcode.
- Scanned each tag and entered details such as commercial height, diameter, species and precise forest location

The TracElite Handheld (HRC) automatically uploaded data from the concession to the web-based TracElite data store, via direct connection to a satellite phone.

PT Daisy then began harvesting trees:

- Attaching new tags to the logs.
- Scanning the tree and log tags, to establish the tree to log chain.
- Registering log diameters, grade, species and other information.

Again the registered log data was uploaded to the TracElite server. The logs were then shipped to TTI in Medan.

At the sawmill gate, TTI:

- Scanned the incoming log tags using an HRC unit and re-entered the log details and dimensions.
- Uploaded this data automatically to the TracElite data store.

At each stage of the chain "TracElite-always on" performs checks of the integrity of timber at each stage, including:

- Detecting and alerting to species change.
- Detecting and alerting to changes in dimension, grade or documentation references.
- Performing volume reconciliations and other checks against "good wood" sustainability criteria.

Batches of timber are traceable through each stage of the mill, and will continue to be tracked right through to its planned shipment to the EU and US in September.

There are benefits for Daisy, TTI and their customers:

- Both concession and sawmill are able to maintain a real time view of stock.
- All parts of the supply chain can ascertain a verifiable origin for their timber.
- The supply chain is independently audited remotely by TracElite's audit partner, Soil Association.

Originally developed for tropical hardwood, "TracElite-always on" can be used for softwoods and areas of timber production and processing further up the supply-chain - all the way to retail customer.

By providing immediate visibility and compliance status of a particular supply chain, problems can quickly be identified and the risk of unverifiable timber ending up with a customer is drastically reduced. "TracElite-always on" provides an efficient and cost effective way for buyers and importers to work with suppliers to reduce and eliminate risk.

About TracElite

TracElite (www.tracelite.com) provides mapping, traceability and transparency for timber production and supply-chains across the globe and is a key resource for buyers looking to secure timber of verifiable origin from suppliers who are either FSC certified or who are working towards certification. The Tropical Forest Trust provides chain of custody and compliance verification services as a core component of TracElite – Always On™.

Helveta is the system manager of TracElite – Always On™. TracElite is an application of Helveta Control Intelligence Systems (CIS) technology. CIS analyses forestry and chain of custody data to remotely verify and assure good wood compliance. In the event that a potential non-compliance is identified, TFT, stakeholders and auditors are automatically notified.

About Helveta Ltd

Helveta Limited (www.helveta.com) enables the prediction and prevention of environmental and production problems for Blue Chip and Fortune 1000 companies through analysis of real-time data from client physical assets anywhere in the world. The company's unique Control Intelligence System deploys a sophisticated library of analytics to asset data to predict and prevent business issues such as regulatory non-compliance, production outages and equipment failure. The company has customers in major corporate industrial markets including Energy, Utilities, Agriculture and Chain of Custody. Helveta is a privately held company with offices in the UK and the US.

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