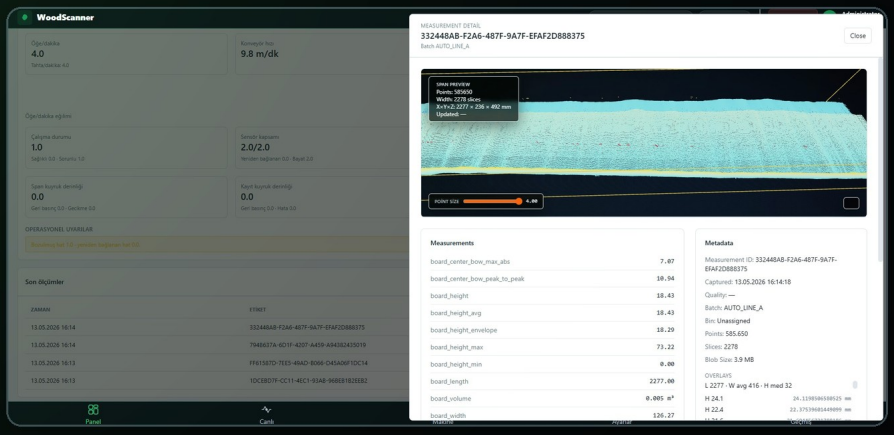
SOFTWARE · LOGYARD CONTROL

WoodScan

Sorting & Control

Optimized log sorting, supplier management and reporting in one platform



Auto
Sorting

ERP
Integration

Multi
Supplier

Live
Reporting

WoodScan is a comprehensive sorting and control system designed for logyards and infeed lines. Logs are **sorted automatically** by geometry, quality, species or customer-defined criteria, while log payment calculations run alongside the sorting process. WoodScan connects seamlessly with OEM Vision scanners and integrates easily with existing mill software — it manages supplier data and shifts, generates reports and exports operational data for further analysis.

KEY BENEFITS

Sorting, tracking and reporting in one system

Advanced log sorting
Dimensional and quality-based sorting for accurate classification and efficient processing across the logyard.

Customizable visualization
Line visualization tools for clear monitoring and continuous tracking of individual logs along the production flow.

Production management
Management of production targets, supplier information, work shifts and operational downtime.

Reporting and data export
Detailed reporting and seamless export to ERP systems for data-driven decision-making.

INTAKE AND TRACKING

Every load, from supplier intake to shift report

WoodScan manages incoming material through defined takeovers, each assigned either to a specific supplier load or to a dedicated sorting purpose. This structure allows exports and reports to be generated and analyzed per supplier. Operators are tracked across shifts and downtime events are recorded by reason, supporting operational transparency and performance improvement.

1	**Takeover structure**	Each load is assigned to a supplier or sorting purpose, with full traceability.
2	**Supplier reports**	Delivery, payment and performance data per supplier.
3	**Shifts and downtime**	Records by operator, shift and downtime reason.

SYSTEM OVERVIEW

What WoodScan handles end to end

Sorting and grading

Automatic, repeatable sorting by geometry, quality, species or any customer-defined criteria.

Supplier management

Tracking of supplier loads, payments and performance with takeover-level traceability.

Data export

Structured production and supplier data exported to ERP systems for analysis and reporting.

DATA LAYER

WoodScan AI and WoodScan Trace

WoodScan AI	AI models trained on production reference data for defect detection and real-time grade assignment
WoodScan Trace	Links every board to its source log and its position within the log for yield analysis, quality claims and chain-of-custody reporting
Digital log ID	Geometry, grade and cutting plan travel with every log through the mill
Measurement detail	3D point-cloud preview, measured values and metadata (time, batch, bin) for every measurement

OPERATOR SCREEN

Designed for the floor

WoodScan’s operator screen is designed for industrial touch panels. Large touch targets make it easy to use with gloves, and the screen highlights only what matters most: live measurements, the assigned grade and target bin, bin fill levels, the active alarm and batch progress.



Measurement detail screen: 3D point cloud and measured values.

INTEGRATION

Integration and Connectivity

Scanners	TUNA LogScan · ALTAY LogScan · ARAS-L BoardScan · ARAS-T BoardScan
Optimization	Optisoft Optimizer
ERP	WoodERP and third-party ERP systems
Protocols	Ethernet · OPC-UA · REST API
Control	Sorting PLCs and sawmill automation

01 Logyard
- TUNA LogScan
- **WoodScan**
- Optisoft

→

02 Primary Breakdown
- TUNA LogScan
- ALTAY LogScan
- Optisoft

→

03 Secondary Breakdown
- ARAS-L BoardScan
- ARAS-T BoardScan
- **WoodScan**
- Optisoft

See WoodScan in your logyard

Contact our team for a site survey, layout proposal or a live demo.

Request a Demo

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Specifications are subject to change without notice. Actual performance depends on line configuration, material dimensions and operating conditions. Images are for illustration.