

Information Systems

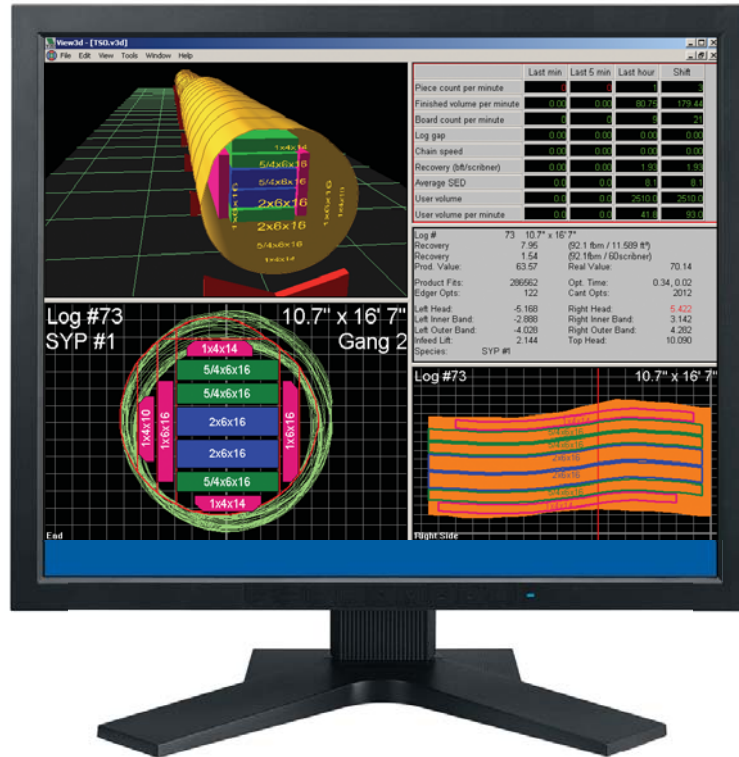
Primary Breakdown

Secondary Breakdown

Control Systems

MillExpert Log Optimizer System

Provides more value than any other system



LOG OPTIMIZER

The MillExpert Log Optimizer is part of USNR's MillWide suite of optimization products. It combines dense 3D scan data with the power of today's high-speed computers to let you get the maximum value from every log.

When it comes to features and capabilities, the MillExpert Log Optimizer is the standard others are compared to. It is used on more types of machinery than any other system because it provides more value than any other system. By utilizing LASAR™ or TriCam™ scanning sensors, any type of log breakdown system can be optimized.

Configurable to Model Machinery

Mill applications include Sharp Chain, Chip-N-Saw, EDLF and shifting and skewing double-length infeed

- ▶ Full modeling for edgers, trimmers, re-saws, fixed and variable spaced gangs
- ▶ Multiple cant production (left, center, and right)
- ▶ Configurable cant stack board heights
- ▶ Complete chipper characteristics
- ▶ Downstream curve-sawing
- ▶ Horizontal and vertical skewing
- ▶ Horizontal shifting infeeds

System Fine-Tuning

- ▶ Detailed log rules
- ▶ Configurable edging, trimming, and planing penalties
- ▶ Parameters control chipping loads
- ▶ Configurable horizontal skew methods
- ▶ Horizontal and vertical shifting of solutions
- ▶ Optimize for value or volume

Detailed Product Description Entry Windows

- ▶ Detailed product descriptions with graphical representation
- ▶ Unlimited products with up to 16 lengths per product
- ▶ Quick cutplan change and board product activation
- ▶ 4, 5, 6 and 8-point wane models, including secondary wane
- ▶ Assignable bin numbers for individual products

System Architecture

- ▶ **Microsoft Windows XP Professional®** multithreaded, multi-tasking, pre-emptive operating system, supporting multiple processors on an Ethernet local area network (LAN)
- ▶ Most common PLCs supported
- ▶ Configurable Business Objects™ reporting package

User Friendly Interface

- ▶ Photorealistic high-resolution 3D graphics with configurable user perspective
- ▶ Fully internationalized and localized

"Re-optimization" Features Off-Line Analysis

- ▶ 3D stem images can be automatically saved to files for later off-line "re-optimization"
- ▶ Off-line and on-line results are identical, allowing for fine-tuning of settings without risking real wood
- ▶ Seamlessly integrates to other USNR optimizers

User Assistance

- ▶ Technical support by telephone and e-mail along with remote debugging by modem or broadband internet

Microsoft
GOLD CERTIFIED

Partner

Allen-Bradley

Note: USNR continually adds new features to enhance our products, based on customer requests. Our closeness to our customers' needs and attention to the demands of the marketplace keeps us in the forefront of wood processing technology. Because of that, please note that the specifications for our products will change rapidly as we improve our systems further.

MILLEXPERT LOG OPTIMIZER



Complete Suite of Reports

Provides complete information on system production and performance, for accurate management decision-making.

Reports on Demand

Print reports on demand or automatically to a preset schedule. Information is available when you need it.

Export Reports

Export reports to other formats like spreadsheets, databases, word processors, and e-mail. Allows you to easily share information with colleagues and re-purpose information for statistical purposes. Also supports the Central Database and MillWide Web reporting interface.

Create Your Own Custom Reports

Custom-design reports as needed for your mill's individual needs. Uses industry standard Business Objects™ reporting software and dBase IV databases

Millwide. Worldwide.

USNR