

# SiCam RealTime LSC

Lumber Size Control Systems



## APPLICATION: PRESORT

### Laser Pair (thickness) + Light Curtain (width) Scanner Configuration

*Designed for trimmer pre-sorter style machines.*



- Monitor the thickness & width of each piece
- Immediate grader size control feedback
- Verify trimmer optimizer size results (sawmill)
- Verify grade optimizer size results (planer)
- Manage on-size performance
- Minimize manufacturing variation
- Reduce target sizes

The right technology scanning in either the sawmill or planer trimmer pre-sorter area delivers maximum accuracy, reliably detects pieces with thickness and/or width out of specification, provides last chance size monitoring and detection of events of miss-manufacturing.



- Premium solution approach
- Top grade components & materials
- The right scanner for each application
- Professional training services
- Unparalleled customer support
- Competitive pricing



# SiCam Systems

## Premium Size Control

### Installed Applications

Canter Quad Lumber Size Control  
 Canter Twin Lumber Size Control  
 Small Log Line Lumber Size Control  
 Headrig Lumber Size Control  
 Resaw Lumber Size Control  
 Gang Vertical Lumber Size Control  
 Gang Horizontal Lumber Size Control  
 Edger Single Piece Lumber Size Control  
 Edger Multiple Piece Lumber Size Control  
 Trimmer Presort Lumber Size Control  
 Planers Infeed & Outfeed Lumber Size Control  
 Fence Gauge Multi-Stage Verification  
 Lumber Length Gauge - Random  
 Lumber Length Gauge - Stud  
 Lumber Length Gauge - PET  
 Sorter Thickness & Width Gauge  
 Veneer Thickness Gauge  
 Panel Thickness Gauge  
 Bandsaw Deflection Monitoring  
 Log-Cant Opening Face Verification  
**Mill-Wide Size Control Solutions**

### Sensing Technologies Supported

MPP Multi-Piece Profile Scanners  
 Single Point Laser Range Sensors  
 Long Range Laser Range Sensors  
 Inductive Proximity Probe Sensors  
 Trimmer Optimizer Integrations
 

- Comact
- USNR
- CNM

*Right Sensor Technology for each Application*

### PLC Integrations & Controls Supported

Allen Bradley – Modicon – Siemens  
 Feed Speed Control  
 Off Size Fatal Stop Control  
 Piece Diversion Control  
**Send & Receive Information for each Piece**

### Alarm Options

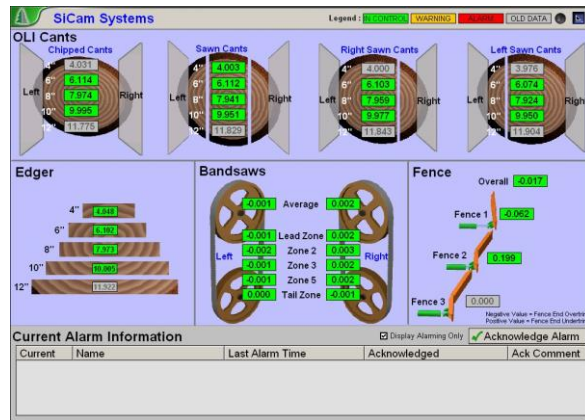
Machine operator pop-up alarms  
 Site based pager systems  
 Reader scoreboards  
 PLC message board integration  
 Automated text messaging & email  
**Right Information, Right Time to the Right People**

### Performance

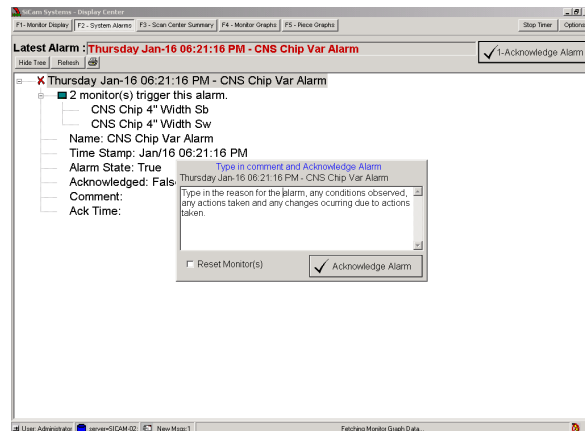
Accuracy +/- .005" (1/8mm) green lumber  
 Accuracy +/- .0025" (1/16mm) planed lumber  
 Unlimited number of boards  
 Feed speeds above 2500 ft/min (750m/min)  
**High Performance Tools for High Performance Teams**

### Benefits

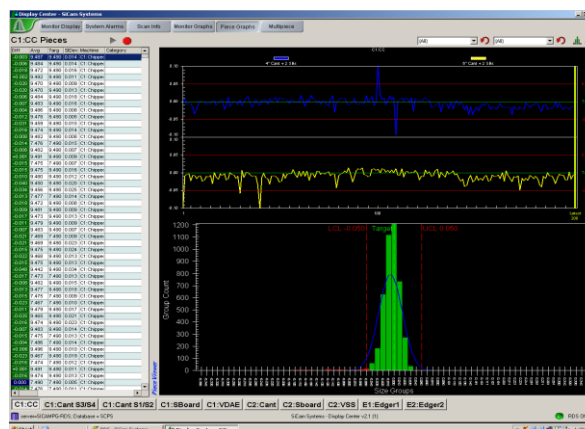
Improve lumber recovery  
 Increase production  
 Improve grade out turn  
**Maximize Profitability**



Friendly User Interfaces



Reliable Alarming & Tracking Tools



Powerful Reporting Tools

