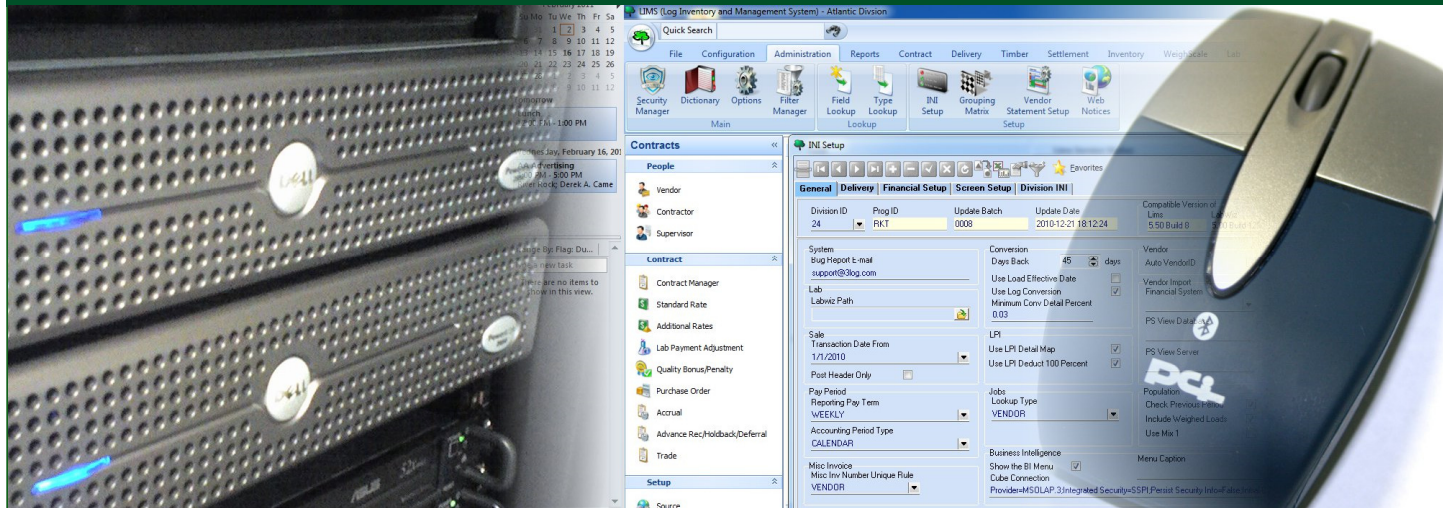


## Architecture



## System Requirements & Specifications

### Software and hardware

- Any currently supported Windows OS
- Interfaces with financial systems such as JDE, Microsoft, Oracle, SAP, etc.
- Server hardware independent. Can be installed in Virtual servers

### Database platforms

- Oracle 11g R2 or newer
- SQL Server 2008R2 or newer

### Networking

- Connect to a central relational database via TCP/IP, LAN or Internet
- Citrix or Terminal Server compliant

### Reporting

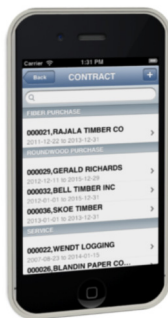
- Integrated custom Report Wizard
- HTML, PDF, Excel, XML and RTF file support for Internet and Intranet publications
- Full integration with MAPI systems. Automated scheduling of reports

### Security

- Full compliance with internal RDBMS security
- Programmable login passwords
- Segregation of duties by user
- Security level assigned in accordance with user duty
- Audit capabilities on any field

### Web Enabled

- iLIMS phone App supports iPhone iOS 5 or above, other platforms are also supported
- Cloud server access of LIMS data through Web portal, virtual machines supported



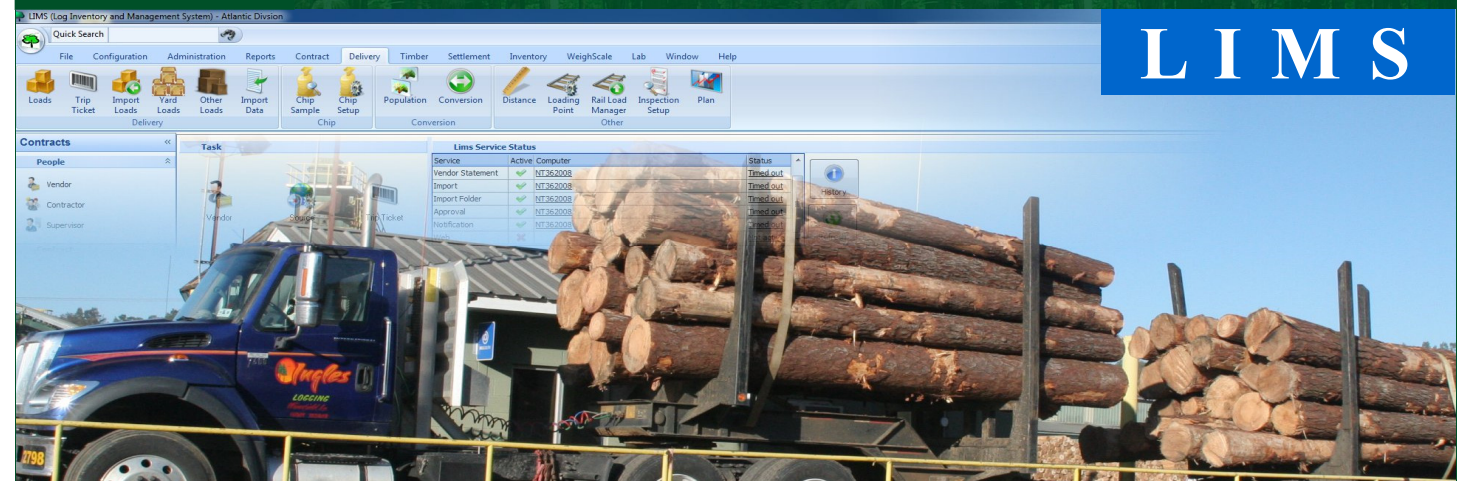
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Bringing your valuable information to your fingertips

# LIMS



**LIMS** offers a new level of understanding and cost control in your woodlands operations. In the highly competitive world of the forest industry, LIMS is an invaluable and affordable management tool — with a proven track record of success.

## Comprehensive system

The LIMS system can help to show you the big picture of your business operations. By working with our consultants, users can define their business scope and rapidly deploy LIMS into their business within a short time frame.

In-depth, relevant information is at your fingertips - from the woods to the mills, the system meets the operational, contractual, administrative and accounting requirements of forestry companies across North America.

## Real time and Efficient

With a click of the mouse you can produce customized reports from numerous basic templates. As both a local application and a networkable solution, your company can securely retrieve and send information to and from multiple locations. LIMS' real-time database provides accurate information you need to make the right decisions. With LIMS handling your data, you can devote more time to your core business.

## Scalable and flexible

LIMS is a scalable solution that is capable of handling a small single site operation, or a large organization with multiple scale sites and business divisions.

LIMS is flexible and integrates easily with external systems such as GIS, financial systems, weigh scales, handheld devices, and Microsoft Office software. With rapid deployment, LIMS will support your company's present needs and adapt readily to ongoing changes in your company or the industry.

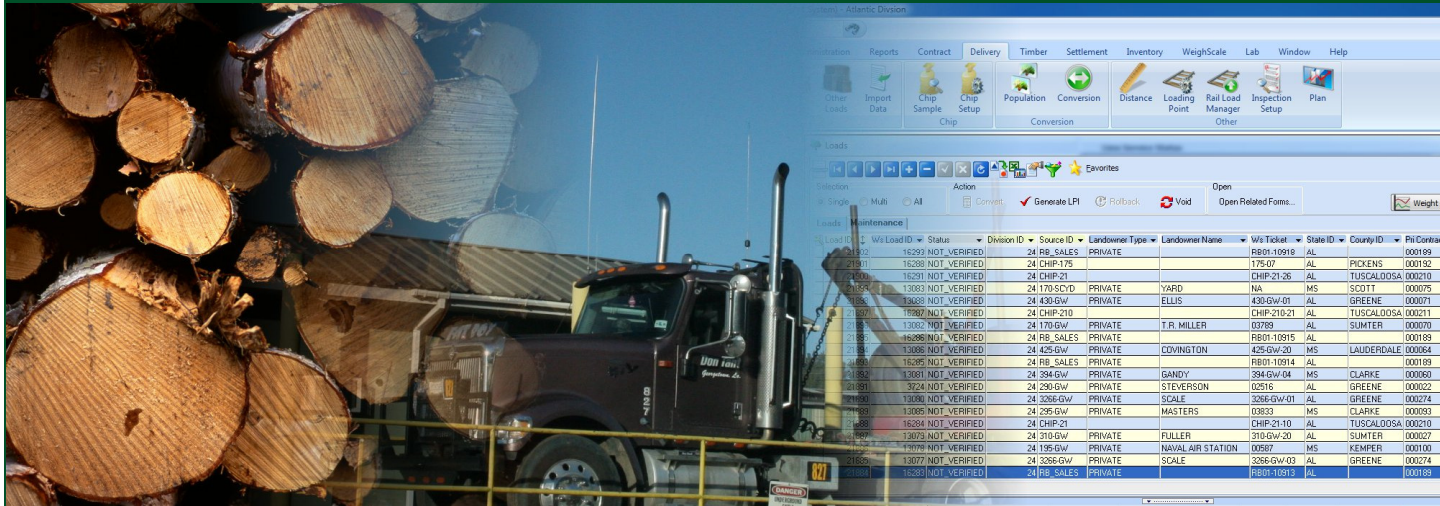
## iLIMS



iLIMS is an App that interacts with LIMS database through your smart phone. It is designed for management that has embraced mobile technology. Through this web app, users can browse reports, approve contracts and do many more things while they are on the road. iLIMS allows users to stay in touch with their business in a secure environment.



## Benefits



### Streamline Processes

LIMS eliminates duplicate data entry. The system offers a data normalized infrastructure that is integrated with different modules to ensure that users only need to enter data once, while enforcing data integrity.

Using handhelds and our other software—WeighWiz— users can accurately register load weights at the scale, then transmit data automatically back to LIMS.

LIMS can automate numerous processes:

- Mass generate invoices to vendors
  - Automatically export load data to inform suppliers on delivery numbers
  - Automatically generate reports for management regularly
  - Sampling of loads for quality assurance
- And more.

### Pay for Quality

LIMS monitors quality load by load, and compares that quality with your contract terms. With LIMS you pay only for the quality you actually receive—not an average or an estimate. LIMS also understands contract penalty clauses and enforces them automatically.

### Negotiate from strength

All deliveries received from suppliers, contractors and haulers are stored centrally. You can compare the quality and performance of different sources of raw materials. When it comes to negotiating a new

contract, you have complete, numerical, in-depth facts at your fingertips—allowing you to negotiate the best deal possible.

### Manage inventory levels

LIMS stores complete information about your current inventory, past deliveries and future planned deliveries in its database. You can use LIMS’ data extraction features, or our planning module, to plan ahead and optimize inventory levels.

### Timely Decision Making

LIMS can provide higher level summary information that can be traced back to the lowest detail. Senior management can make decisions based on in-depth and quantified facts.

LIMS is also a web solution, where managers can approve contracts, or review reports through web portals that are connected to the LIMS database. Managers can securely access the information they need anywhere anytime on their mobile devices.

### User orientated system

LIMS is a user friendly system that has integrated features to help users when they need support. Users can easily access embedded screen sharing features when they need help from our readily available support staff or to gain help from internal IT support.

LIMS also has Wiki-style help sections where standard manuals are provided while allowing users to create their own SOPs (standard operating procedures) to document their own business process internally.

*“The 3LOG team did a great job evaluating our specific business processes and configuring a system to meet our needs...Many redundant and intermediate tasks have been eliminated...This has greatly improved the efficiency and accuracy of our data processing.”*

**Paul Sorek, Matson Lumber Company**

## Feature Highlights

### Deliveries

- Match loads with their associated contracts to pre-calculate load costs
- Validate the completeness and accuracy of information entered for loads
- Update mill and roadside inventory

### Payments

- Calculate load settlements by matching loads against established contract rates
- Issue non-load payments for advances and miscellaneous transactions
- Recover advances and calculate holdbacks and deferral amounts
- Apply overweight penalties and calculate quality penalties and bonuses
- Apply retroactive payment adjustments
- Perform sales check reconciliations
- Produce and distribute statements
- Record your rules for assigning account codes to transactions
- Update your corporate financial systems

### Inventory

- Track loose and banded inventory
- Capture volume details for incoming loads, transfers between inventory locations, sales and consumption
- Identify yards and locations within each yard (row, deck, tier, pile, etc.)
- Maintain a detailed transaction history for all inventory deliveries and movements

### Contracts

- Manage agreements to purchase raw materials, harvesting activities (felling, skidding, delimbing, slashing, loading, etc.), hauling and sales
- Enter rate information for a wide variety of activities within the contract
- Make prime-contractor as well as sub-contractor and alternate-payee arrangements
- Apply fuel surcharges
- Identify all suppliers, contractors and customers.
- Manage contractor advance recoveries, holdbacks, bonuses and penalties
- Track contractors’ workers compensation, liability insurance, certification, etc.

### Timber Sources

- Define the timber species and raw material types your company handles
- Define forest areas and their related legal descriptions, management areas, regions, sources, stands, and permits

- Record projected harvest volumes and depletion criteria
- Identify sustainable forest compliance at each harvest area

### Silviculture

- Enter the specialized contracts used in silviculture such as aerial photography, road construction, road maintenance, etc.
- Print master (boilerplate) and specific contracts in your desired format
- Record invoices and make payments against duly signed contracts
- Automatically generate entries for your company’s financial systems
- Track purchases and usage of inventory products such as herbicides, road building materials, etc.

### Transportation

- Establish truck, railcar and barge configurations
- Identify individual vehicles and their configuration, ownership, and licensing
- Track overweight conditions, fines and suspensions

### Report Wizard

- Use the many pre-defined reports available
- Easily create new reports for timely management and operational decision-making
- Automate your report runs with report scheduling
- Automate report distribution by email, fax or hardcopy

### Configuration

- Record your company’s operating hierarchy
- Assign security roles for your users
- Create and manage system audit tracking rules
- Create and manage your data import formats
- Create and assign the units of measure you require

