

Presentation to:



Presentation by:

Jeff Widmer – Director, Sales and Marketing



Main Topics

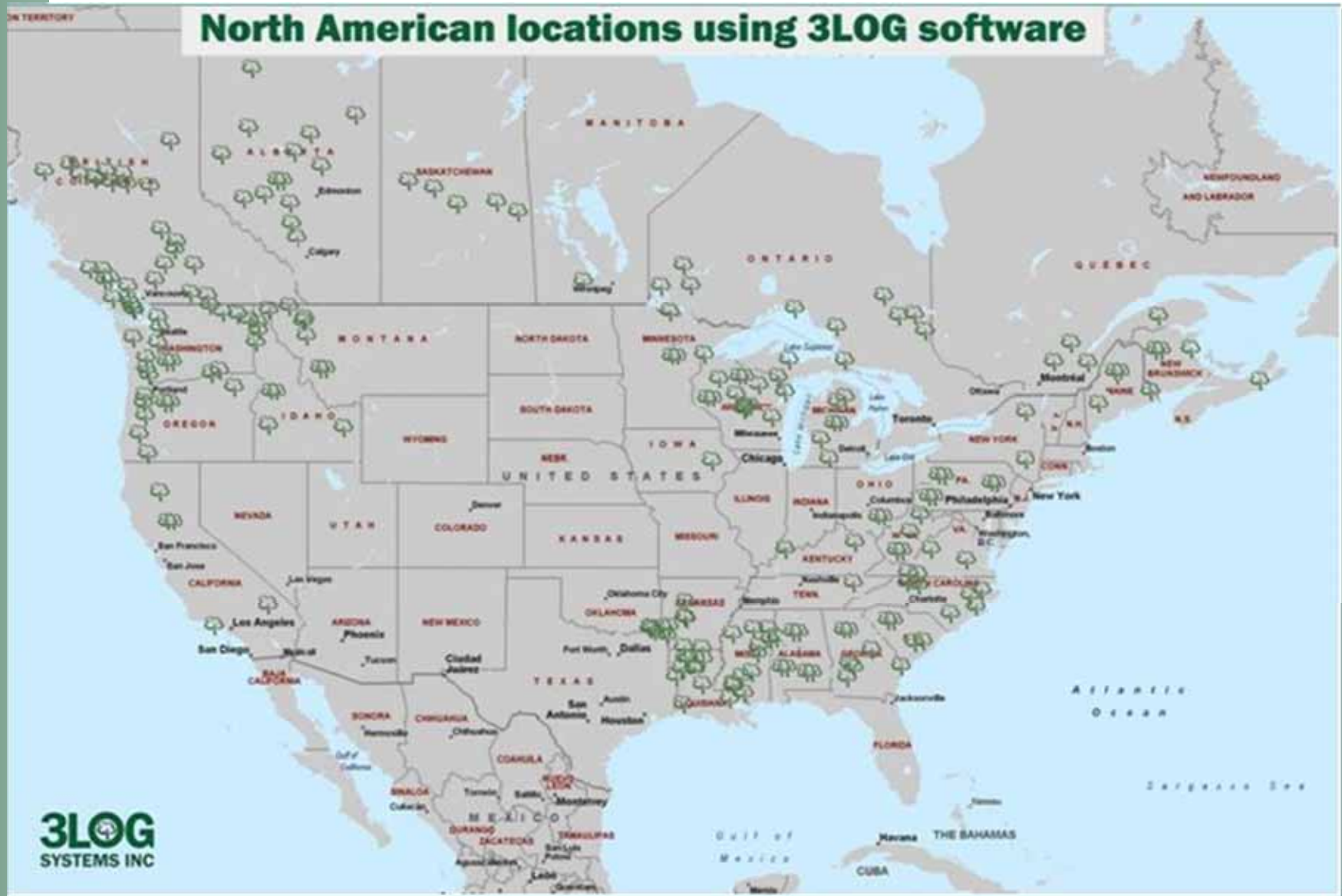
- **Data Security**
- **User Efficiencies**
- **Reporting**

3LOG Background

- **Founded in 1997 with focus on forestry solutions**
- **25 professionals on staff and growing**
- **The leading industry provider for log/by-product management solutions**
- **Over 500 installations throughout North America**
- **Extensive experience in:**
 - **Forestry/wood products**
 - **Business process improvement**
 - **Software design and development**
 - **Implementation and support**



3LOG Installations



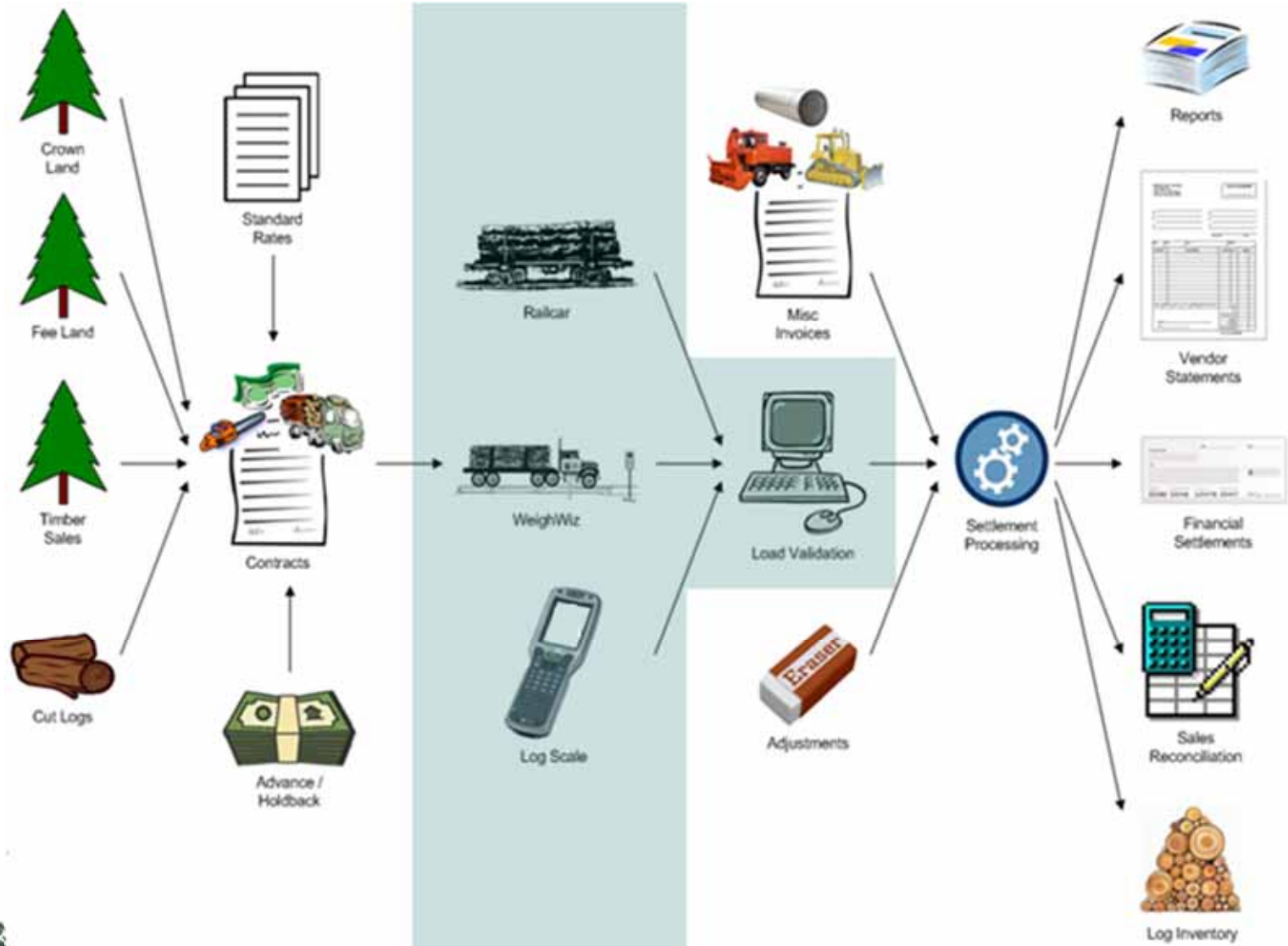
Partial Customer List

- ❖ Acadian Timber
- ❖ Ainsworth Lumber
- ❖ Atlas Holdings
- ❖ Alberta-Pacific Forest Industries
- ❖ ANC Timber
- ❖ Apollo Forest Products
- ❖ Avista Corp
- ❖ Biewer Lumber Company
- ❖ Boise Inc
- ❖ Canfor Pulp
- ❖ Celgar
- ❖ Clearwater Paper
- ❖ Coastland Wood Industries
- ❖ Columbia Forest Products
- ❖ Conifex
- ❖ DMI
- ❖ Domtar
- ❖ DTE Energy
- ❖ Eastern Hardwoods
- ❖ Fibrek
- ❖ Futurewood
- ❖ Georgia Biomass
- ❖ Glatfelter
- ❖ Grant Forest Products
- ❖ Greenleaf Power
- ❖ Idaho Forest Group
- ❖ International Paper
- ❖ Lakeland Mills
- ❖ Ledcor
- ❖ Lone Rock Timber
- ❖ Longview Timber
- ❖ Matson Lumber Company
- ❖ Merrill & Ring
- ❖ Millar Western Forest
- ❖ NewPage
- ❖ Northwest Hardwoods
- ❖ Pacific Rim Log Scaling Bureau
- ❖ Pallan Group
- ❖ Paper Excellence
- ❖ Potomac Supply
- ❖ RockTenn
- ❖ Roseburg Forest Products
- ❖ RSG Forest Products
- ❖ Simpson
- ❖ Sojitz
- ❖ Storey Creek
- ❖ Sun Mountain Lumber
- ❖ TimberWest
- ❖ TMI Forest Products
- ❖ Vaagen Bros Lumber
- ❖ Vanderwell Contractors
- ❖ Western Forest Products
- ❖ West Fraser Timber
- ❖ Weyerhaeuser
- ❖ Wheelabrator Shasta Energy

Overview



Roundwood Deliveries



Load Processing Issues

- **Contractor issues**
 - Record incorrect information on delivery slips
 - Use the wrong trip ticket for the job
 - Ship more than their delivery quota
 - Send trucker to wrong destination
- **Hauler issues**
 - Arrive at the wrong destination
 - Don't know where they are coming from
 - Don't know who they are hauling for
 - Don't know what they are hauling
 - Record incorrect information about the load

Load Processing Issues

- **Scaler issues**
 - Don't record critical information about the load
 - Record incorrect information about the load
 - **Customer issues**
 - Track load information differently than you do
 - Cannot provide all of the information that you track
- ... and a whole lot more!**

Trip Ticket Management

The screenshot shows the 'Trip Ticket' application window. At the top, there are navigation buttons and a 'Default' dropdown. Below that, there are tabs for 'All Tickets' and 'Create Tickets'. The main area is divided into sections: 'General Ticket Info' with fields for Ticket Type (LOGS), Date Issued (4/1/2011), Expiry Date, Delivery Method (TRUCK), RIM Category (LOG), DivisionID (255), and an 'Is Reusable' checkbox. Below this is 'Optional Info - Issued Ticket To:' with multiple rows of fields including Pri Contract, Source (COAS001), Product (SAW), Form, Transport, Driver, Bol, Loading Point, Pri Vendor, Job, Species Group, Load Type, Transport Config, Scale, Gross, SupervisorID, Destination, Species, Haul ContractID, Sales ContractID, Haul Type, Ship Date, Tare, From Yard, and From Deck. At the bottom, there is a 'Tickets' section with fields for Prefix, Ticket Starting Number (253), Number of Digits, Ticket Finishing Number, Number of Tickets, and a Comments field. A 'Create Ticket' button is located at the bottom left.


- **Generate and issue tickets**
 - Single use or Reusable
- **Record details to reduce data entry at scales**
- **Track and reconcile trip tickets**
 - Active / Void / Used


Single Use Ticket

	Democorp
Source :	WCL4000296
Vendor :	STEITLER LAND & TIMBER
Supervisor :	Bloggs, Joe
	Steitler/Ortor
	WC722212
	

- **Data entry shortcuts**
 - Bar coding and RFID reduce data entry error
 - Link to related entities to save data entry time
 - Contract / source / raw material / species / etc.
- **Reduce manual input by a trucker**
- **Provide an audit trail of load activity**

Reusable Ticket

Multiple Use Card  NewPage



Scale Wisconsin Rapids

Load Info

Contract:	005599
Source:	TSSWDPMANT
Truck #:	NA
Driver:	T&R LOGGING

State/ County/ Legal Info

State:	WI
County:	ADAMS
Township:	20
Range:	5E
Section:	13

Landowner Info

Type:	PRIVATE
Name:	GALEN MANTERNACH
Sale No	20N-5E-13

/+52052/

- **Multiple loads per ticket**

Data Entry Box/kiosk



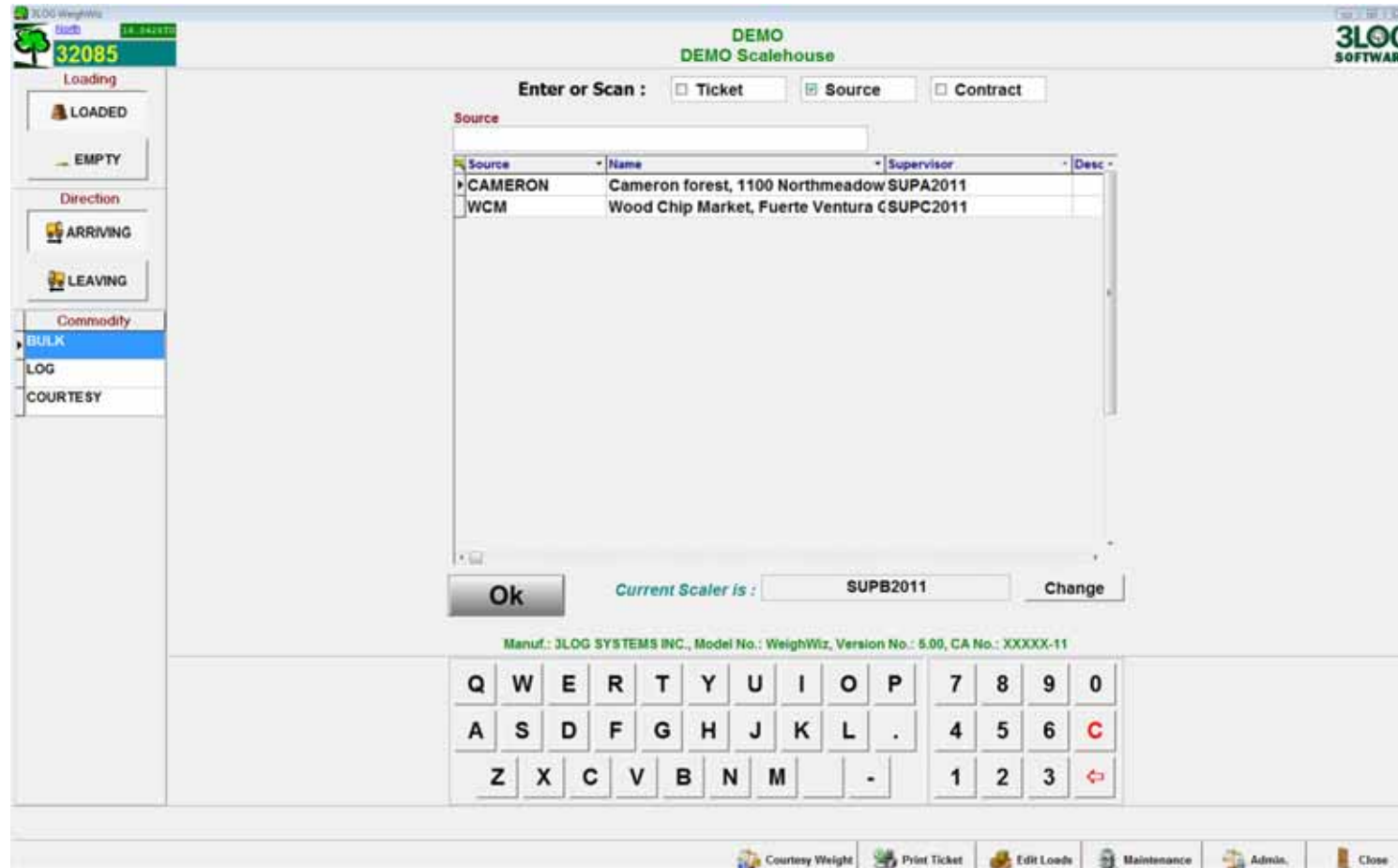
- Camera points directly at truckdriver (if computer goes down, truckdriver can hold card up to camera so scale attendant can copy contract number and create a manual load)
- Speaker (if scale attendant needs to speak to truckdriver)
- Touch screen
- Card reader
- Final scale ticket output
- Intercom (original means of communication but truck noise was too much)
- Phone for truckdriver to speak to scale attendant (added phone as truck idle noise was too loud for intercom system to be useful)



Weighscale

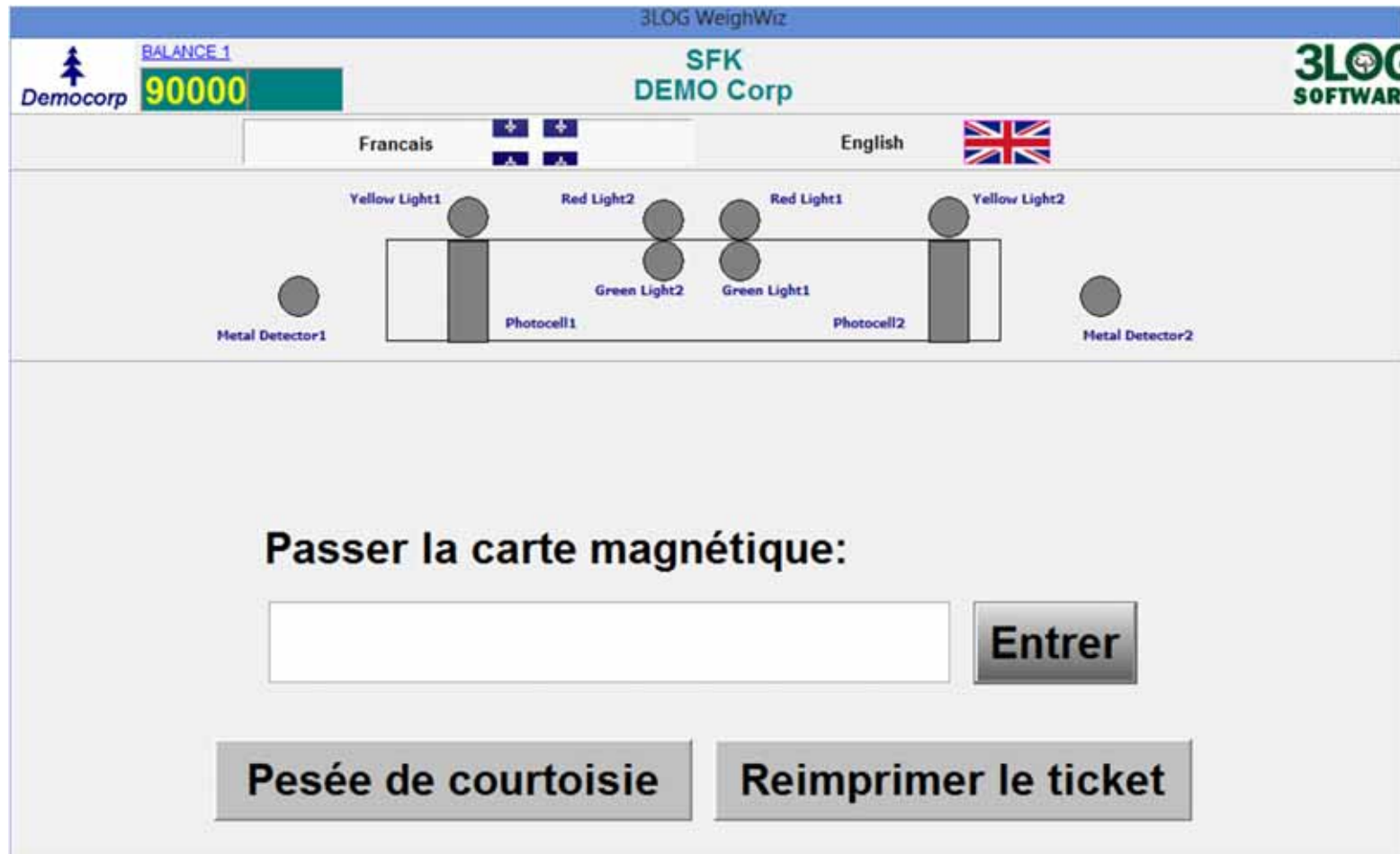
- **Attended or Unattended operation**
- **Automatic Synchronization**
 - Downloads raw material, contract and source info
 - Uploads load information for processing
- **Fault tolerant**
 - Scale database operates when not connected to network
 - Automatic synchronization when reconnected
- **Supports all known scale hardware**
 - Mettler-Toledo, Fairbanks, Cardinal, Pacific Scale, etc
 - Bar code scanners and RFID devices
 - Touch screens and kiosks
 - Gates, traffic lights and cameras

Certified Scales



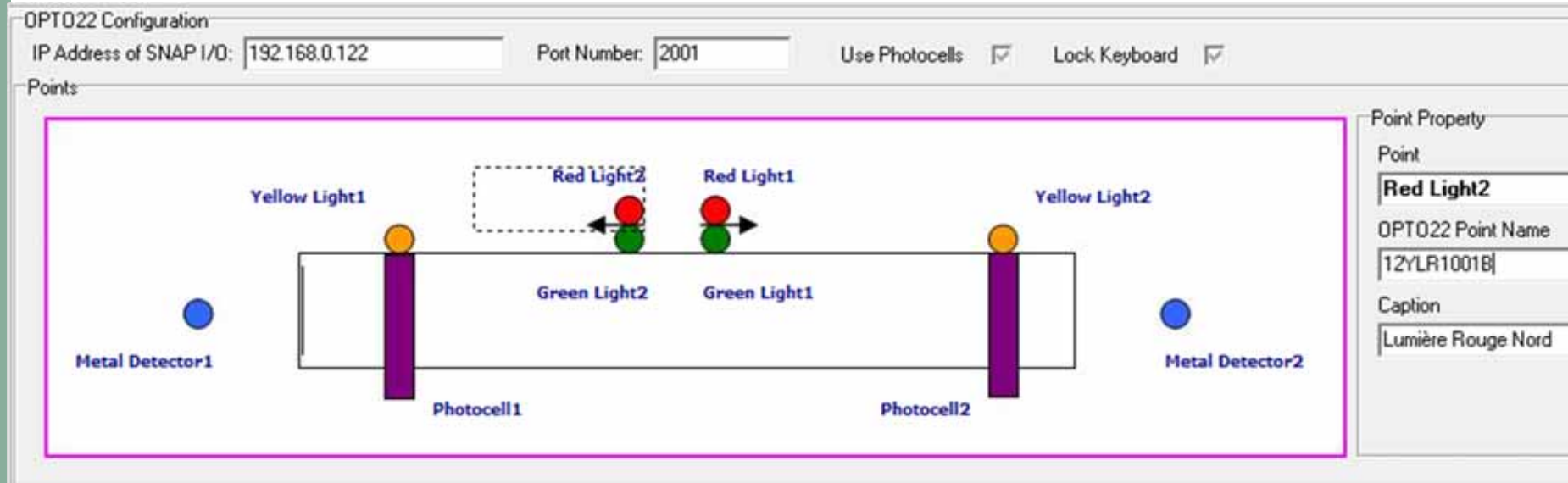
- **BC HBS certification**
- **CTEP (California Type Evaluation Program)**
- **NTEP (National Type Evaluation Program) in-process**

Multilingual Interface



- **User can select language in unattended mode**

Truck Flow Control



- Use scale indicators provided by scale provider or third party
- Utilize weighscale software that controls the process

Load Processing Demo

Loads

Enter or Scan Ticket# OK

Show Loads: All In Yard Void Not Verified Sampled Only In Last days

LOADID	DRIVER	WS_TICKET	SOURCEID	SPECIESID	DESTINATIONID	SCALEID	YARDID	GROSS	TAPE	NET	OVER_WEIGHT	DV
68159	DRIVER 2	S11L0002-02	S11L0002	HWD	RB01	RB01	RB01	80000	20000	60000		4/
68157	DRIVER1	S11L0002-01	S11L0002	HWD	RB01	RB01	RB01	80000	20000	60000		4/
68155	DRIVER1	S11L0002-01	S11L0002	HWD	RB01	RB01	RB01	80000	20000	60000		4/
68152	32	220-082	220BANK	HWD	RB01	RB01	RB01	70000	20000	50000		3/

Exceptions | Inspection | Load Media

File	Original File Name	Media date
	C:\3LOG\LIMS\Weight\image.pe	4/9/2013 9:59:18 AM
	C:\3LOG\LIMS\Weight\image.pe	4/9/2013 10:03:08 AM

Original File Name: C:\3LOG\LIMS\Weight\image.jpg
 File type: JPEG File
 Media date: 4/9/2013 9:59:18 AM
 File Size: 12.58 KB
 Camera: Truck Cam
 Taken by: RB01-PC1

Description: This picture was taken by Truck Cam with following paramet

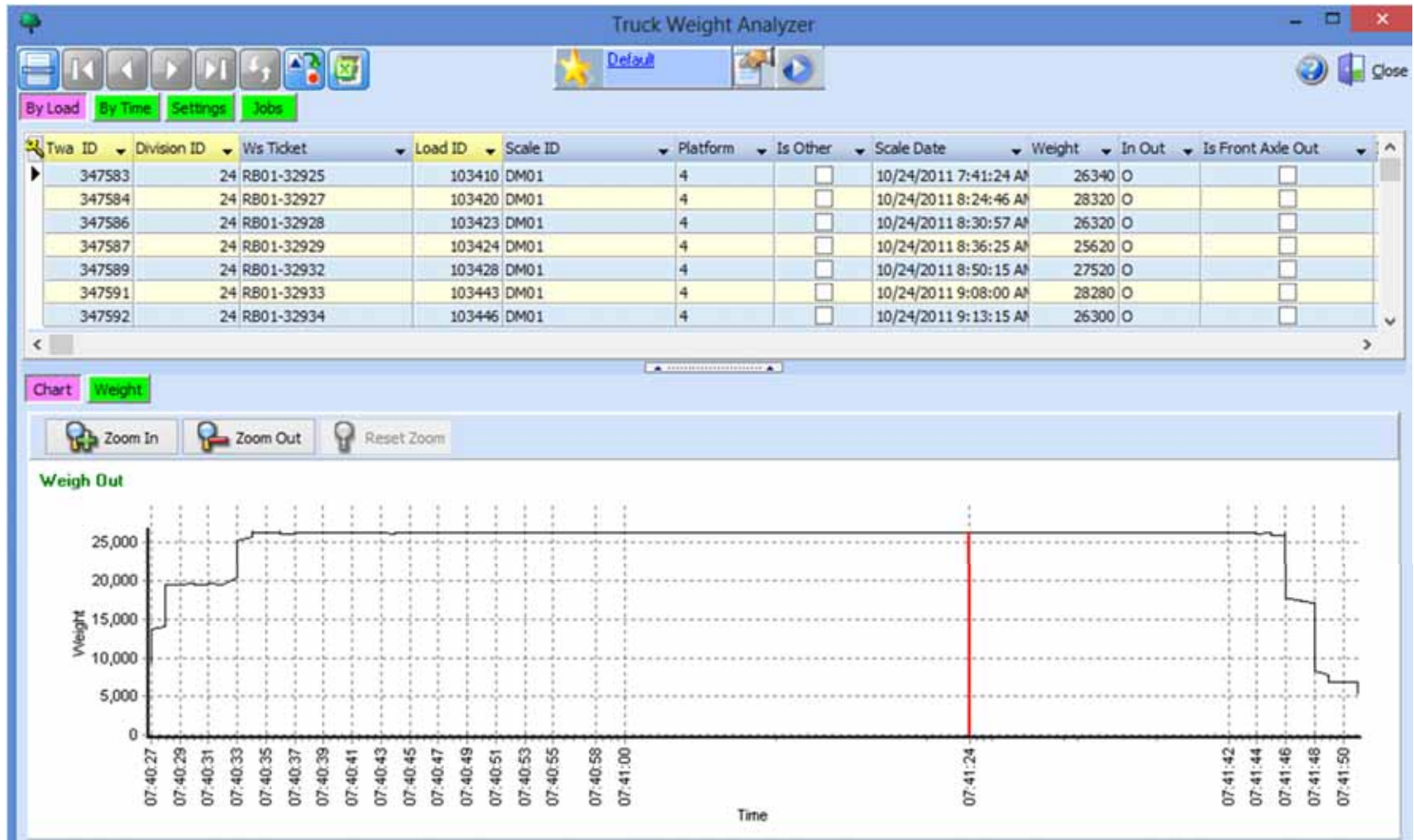
Show Image | Open with Photos

2 of 4209 Records (312 msec) | Browse Filter

Truck Weight Analyzer (TWA)

- **Tool to monitor load weight data**
- **Captures weight every second**
- **TWA uses algorithm to do the analysis against the TWA settings**
 - **Draws a graph**
 - **Marks the load to show the following:**
 - **Front axle off**
 - **Back axle off**
 - **Scale not reset**
 - **Spike**
 - **No Weight**
 - **Other Load**

TWA Simulation



Truck Auto Tare

Defaults | Setup | Scale | Computer | Screen Layout Parameters |

Defaults | Messages | Captions | AutoTare |

Allow Auto Tare (LOG Trucks) Print Inbound Ticket

Never
 Use Trip Ticket First

- Use weighouts during last days

OR last loads

Always
 - Also randomly require manual Tare of loads

Base on history
 - Require manual Tare when config changes

- Require manual Tare when Auto Tare differs from last weighout more than %

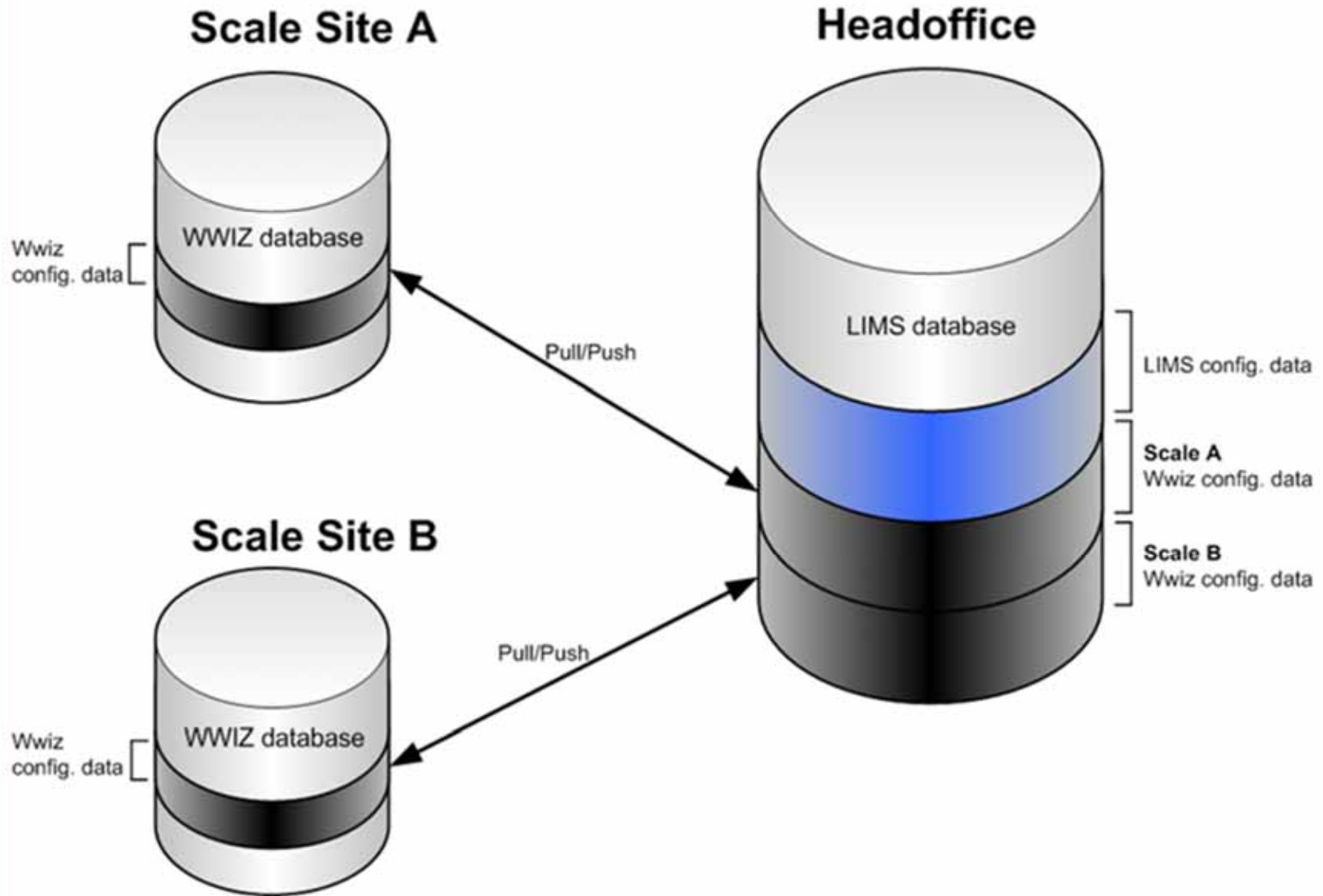
Based On What | When | Validation SQL |

Available Fields		Selected Fields
APPLY_MIN_PAY	<input type="button" value="➡"/> <input type="button" value="➡"/>	CONTRACTORID
BDT		TRANSPORTID
BDU		
BF		
BF_DEDUCT		
BF_NET		
BOL		
CERTIFICATE		

Data Audit

- **Sarbanes-Oxley Compliant**
- **Track who does what and when**
- **Complete history archived**
- **Setup audit triggers**
 - **Audit all data changes**
 - **Audit important data changes only**

Data Synchronization



Schedule Reports

avorites

Schedule Maintenance

Division ID 32 User ID LIMS Parameters Settings Concatenated Field DATE_IN Send Raw Data

Output Email Email Subject Daily loads report

Email Body Please find attached the thrice-weekly loads report.

Output Fax Output Printer

Output Folder Output File

Run Mode Local Remote

Schedule Task Weekly Start Date 02/15/2011 Start Time 02:00 End Date

Every 1 week(s) on: Mon Tue Wed Thu Fri Sat Sun

- Can be daily, weekly, monthly, etc
- Can print, email and/or fax reports
- View the results of scheduled runs online

Import Electronic Data

```

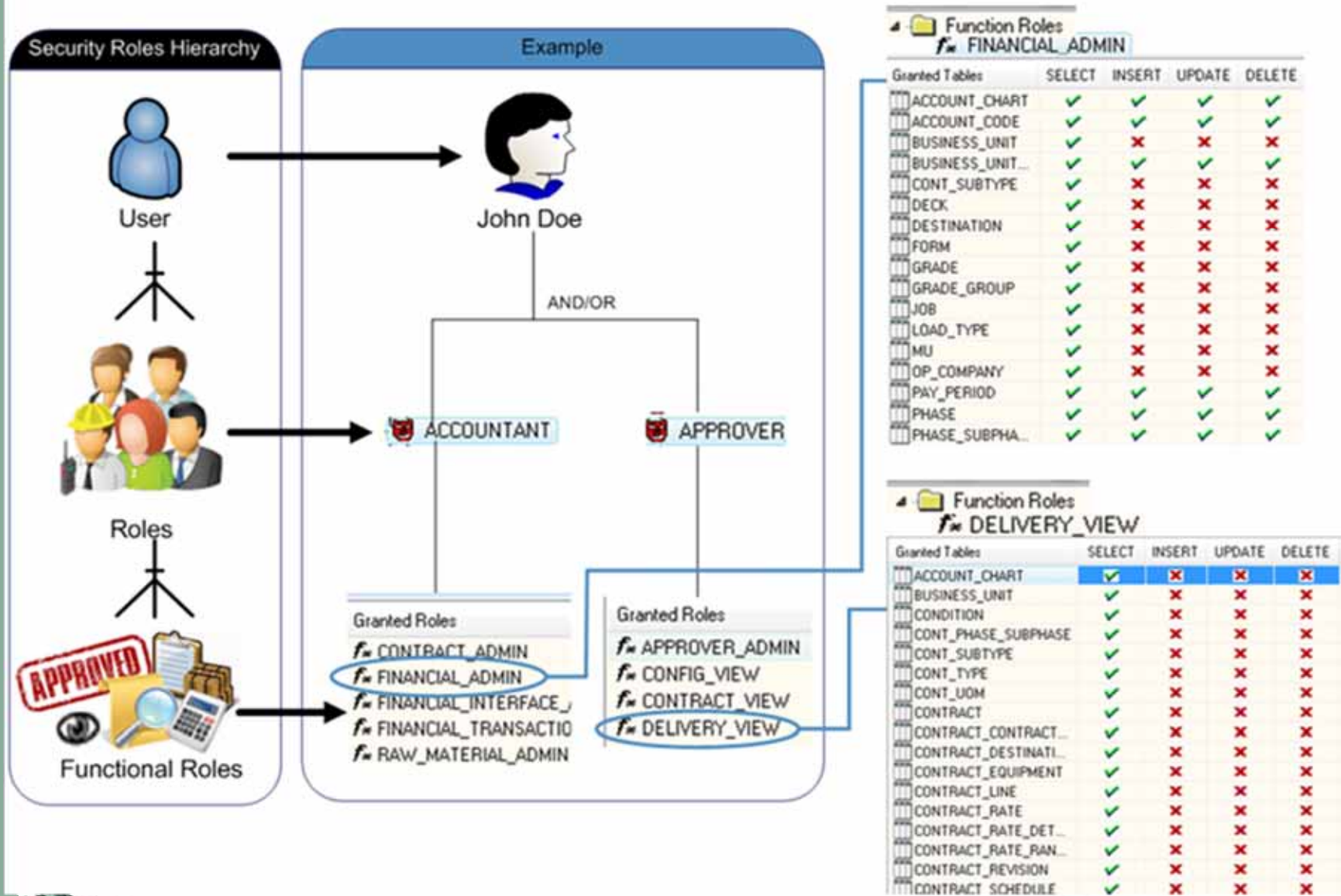
F1676078332000000PORT ARTHOR          72946N  NN05320100222
F2676078332          JACKHAMMER        17377      4270
F36760783320800 PL&S MULT 1074532406050000 0000000001366300000000VS      13 12.
F4676078332          NLT OVER 7          000000000000000000
F567607833200      0000000030012000000000001  2905300015000150000000000000000000
F567607833200      000000003001200000000000002  2905300015000150000000000000000000
F567607833200      000000003000600000000000003  4405300004000040000000000000000000
F567607833200      000000003000800000000000004  4405300006000060000000000000000000
F567607833200      0000000030013000001000005  2905300018000180000000000000000000
F567607833200      000000003001000000601006  4705300011000060000000000000000000
F567607833200      000000003000700000400007  4405300005000040000000000000000000
F567607833200      0000000030011000000000008  4705300013000130000000000000000000
F567607833200      000000003001100000100009  3205300013000120000000000000000000

```

- **Import electronic load and log information from third parties**
 - All scaling bureau formats
 - Reads text, CSV and XML files
 - Utilizes key indicators in file to determine the import type
 - Maps file information to LIMS
 - Translates third-party codes to LIMS codes
 - Highlights errors for correction
 - Bulk update and replace for quick correction



Security – Access/Authorization



Q&A

