



# Load Tracking – Bush to Mill

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# Why Track loads

- Govt requirement
- Cut controls
- Contractor Payments
- Mill Needs



# Present Systems

FM9 – LOG HAUL TICKET SAMPLE

**Alberta**  
SUSTAINABLE RESOURCE DEVELOPMENT

**FOREST PRODUCTS HAULING RECORD**

DATE: Jan 1, 2010

SHIPPER OR VENDOR: ABC Logging ADDRESS: Whitecourt, AB

RECEIVER: MWFP ADDRESS: Whitecourt, AB

HALLER: John's Trucking ADDRESS: Whitecourt, AB

TRUCK LIC. NO.: A99999 U00 370175

NO. OF PIECES	DESCRIPTION PRODUCT, SPECIES, DIMENSIONS	VOLUME m <sup>3</sup> m <sup>3</sup>	UNIT PRICE	\$ AMOUNT
<p>The following information needs to be handwritten on each ticket!</p> <p>Truck # (Example: T1)                      Specie Type (Example: SP)                      Form Type (Example: CTL)                      Source ID (Example: PLA100142)</p>				
TOTALS	PIECES	VOLUME	\$	

I hereby certify that these forest products were cut from \_\_\_\_\_ Sec. 18  
 Twp. 61 Rge. 12 W. 5 Mer., under authority of PLA100142

ORIGINAL FOR RECEIVER SIGNED John Doe

Disposition  
Driver Signature (Mandatory)

Vendor  
Receiving Mill  
Hauling Company  
Truck License #

Date  
Vendor Address  
Mill Address  
Company Address

Legal Land Location

# Present Systems

- Bar Coded – Frontier System



## LoaderWiz: Native Mobile Client App



## LoaderWiz: Native Mobile Client App

# Loader Wiz at MWFP

- LoaderWiz – system developed by 3Log to track loads from Bush to mill.
- Barcoded tickets are created at the loader with GPS.

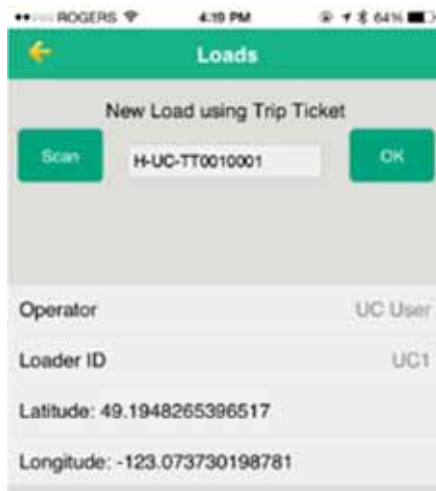


# Why Loader Wiz

- Used by loaders, loggers, foresters, landowners to ensure loads of raw materials are properly tracked
  - Create Barcoded Trip Tickets (TM9) with GPS in the Woods
  - Manage trip tickets and scale data faster with less paperwork, more detail and greater accuracy
  - GPS stamp proves chain of custody
- Cost effective solution to transition from disconnected legacy systems / paper forms to real-time mobile solution
- Configurable field names, lists, screen orders and more to fit different business requirements

# Why We Are going To Loader Wiz

- First and foremost – cut down on errors
- It allows us to use pick lists rather than be at the mercy of operator punching in data.



ROGERS 4:19 PM 64%

← Loads

New Load using Trip Ticket

Scan  OK

Operator UC User

Loader ID UC1

Latitude: 49.1948265396517

Longitude: -123.073730198781



ROGERS 2:44 PM 71%

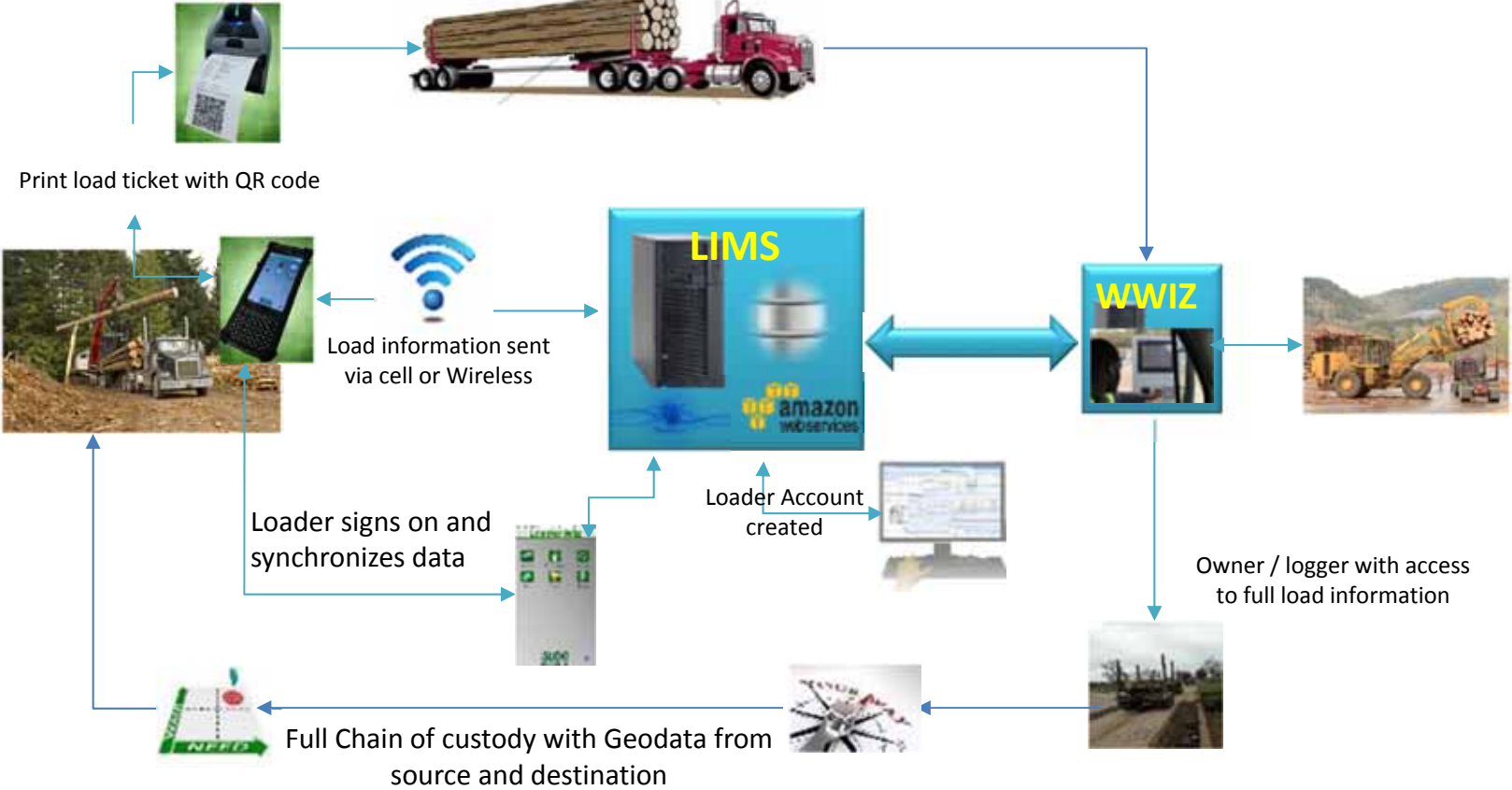
✖ Load(NEW)

Trip Ticket	UC0010501
Source	H-UC-S1
Species Group	SW
Species	SP
Product	SAWLOG
Condition	
Destination	MILL1
logger	LOGGER2
Truck	TM1
Truck Config	CTM1
Comments	

Save & Close Print or Email

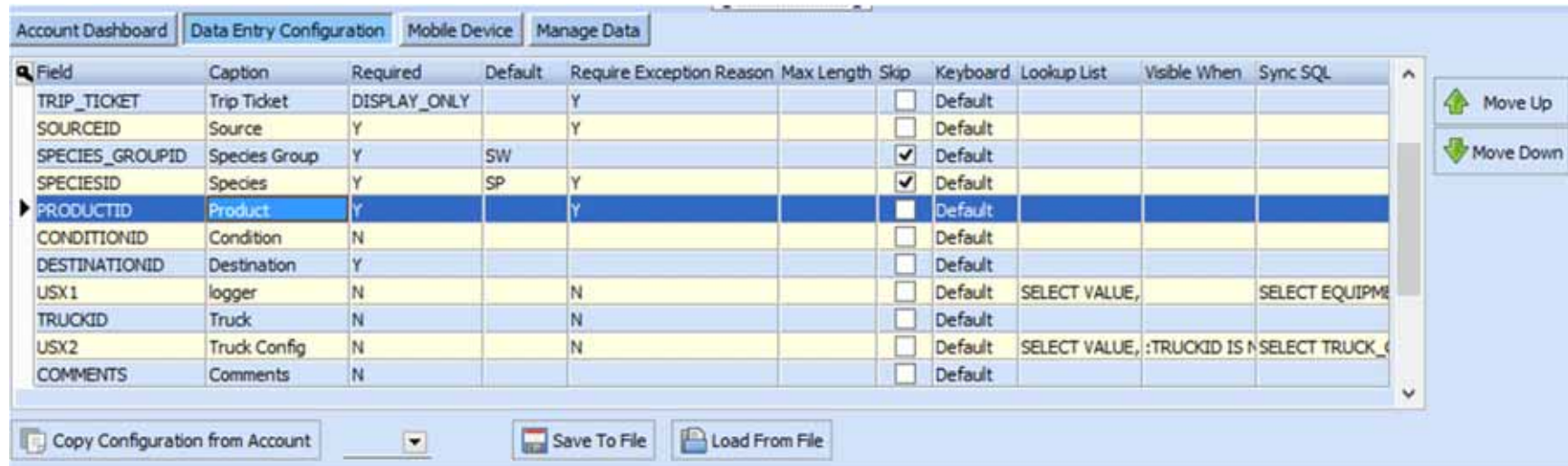


# Overview



# Configure Ticket Data Entry for LoaderWiz

- User definable per each account
  - Fully configurable data entry screen: field order, caption, defaults, lookup list, visibility, keyboard, etc

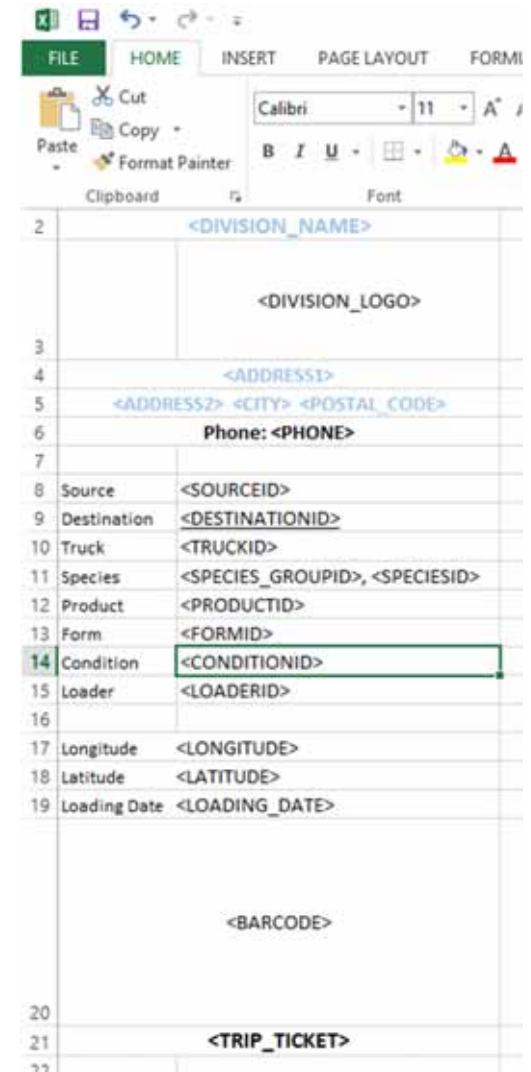


The screenshot shows a software interface with a navigation bar at the top containing 'Account Dashboard', 'Data Entry Configuration', 'Mobile Device', and 'Manage Data'. The main area is a table with the following columns: Field, Caption, Required, Default, Require Exception Reason, Max Length, Skip, Keyboard, Lookup List, Visible When, and Sync SQL. The 'PRODUCTID' row is highlighted in blue. To the right of the table are 'Move Up' and 'Move Down' buttons. At the bottom, there are buttons for 'Copy Configuration from Account', 'Save To File', and 'Load From File'.

Field	Caption	Required	Default	Require Exception Reason	Max Length	Skip	Keyboard	Lookup List	Visible When	Sync SQL
TRIP_TICKET	Trip Ticket	DISPLAY_ONLY		Y		<input type="checkbox"/>	Default			
SOURCEID	Source	Y		Y		<input type="checkbox"/>	Default			
SPECIES_GROUPID	Species Group	Y	SW			<input checked="" type="checkbox"/>	Default			
SPECIESID	Species	Y	SP	Y		<input checked="" type="checkbox"/>	Default			
▶ PRODUCTID	Product	Y		Y		<input type="checkbox"/>	Default			
CONDITIONID	Condition	N				<input type="checkbox"/>	Default			
DESTINATIONID	Destination	Y				<input type="checkbox"/>	Default			
USX1	logger	N		N		<input type="checkbox"/>	Default	SELECT VALUE,		SELECT EQUIPME
TRUCKID	Truck	N		N		<input type="checkbox"/>	Default			
USX2	Truck Config	N		N		<input type="checkbox"/>	Default	SELECT VALUE, :TRUCKID IS N		SELECT TRUCK_
COMMENTS	Comments	N				<input type="checkbox"/>	Default			

# Configure Load Ticket Printout

- Configure Using Excel
  - Any data in Loads can be printed
  - Can handle merging data dynamically
- Loaded in LIMS and Automatically syncs to each account / device



2	<DIVISION_NAME>
	<DIVISION_LOGO>
3	
4	<ADDRESS1>
5	<ADDRESS2> <CITY> <POSTAL_CODE>
6	Phone: <PHONE>
7	
8	Source <SOURCEID>
9	Destination <DESTINATIONID>
10	Truck <TRUCKID>
11	Species <SPECIES_GROUPID>, <SPECIESID>
12	Product <PRODUCTID>
13	Form <FORMID>
14	Condition <CONDITIONID>
15	Loader <LOADERID>
16	
17	Longitude <LONGITUDE>
18	Latitude <LATITUDE>
19	Loading Date <LOADING_DATE>
	<BARCODE>
20	
21	<TRIP_TICKET>
22	

# Manage Tickets assignment

- Manage Load tickets by account / Device
  - These numbers can replace paper ticket books
  - Assign a range of tickets (like ticket books)
    - Ticket Start (including prefix)
    - Ticket End (including prefix)
    - Tickets per Device (each device under this account will initially get xx tickets)
    - Min Tickets Per Device: When device has less than this amount, Server will automatically assign “Tickets Per Device” more

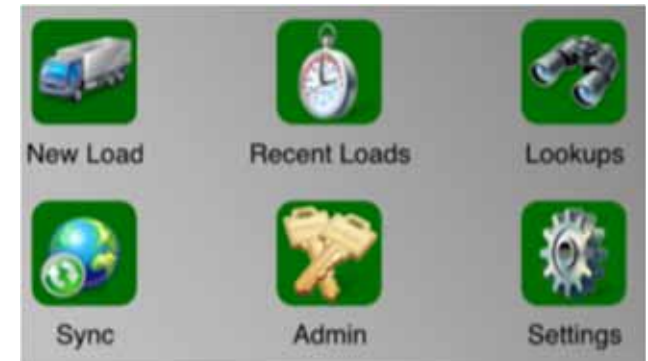
Ticket Start ▼	Ticket End ▼	Tickets Per Device ▼	Min Tickets Per Device ▼	Active ▼
UC0010001	UC0015000	500	100	<input checked="" type="checkbox"/>

# LoaderWiz Benefits

- **Service Contractors / Loaders**
  - Automatically generate Daily Loader logs report
  - Monitor loader location / status on near real-time
  - Timely access to load information with weights and mill data
- **Haulers / Truckers**
  - Accurate cycle times and reporting
  - Simplify weighing at the scales by scanning QR barcoded trip tickets
- **Mill / Land Owners**
  - Geo data at the source / destination proves chain of custody, traceability and certifications
  - Follow loads from loader to customer / mill
    - Prevent fraud and timber security
    - Know when, what and where load was transported
  - Ensure proper payments from buyers and harvesting company

# LoaderWiz (Setup)

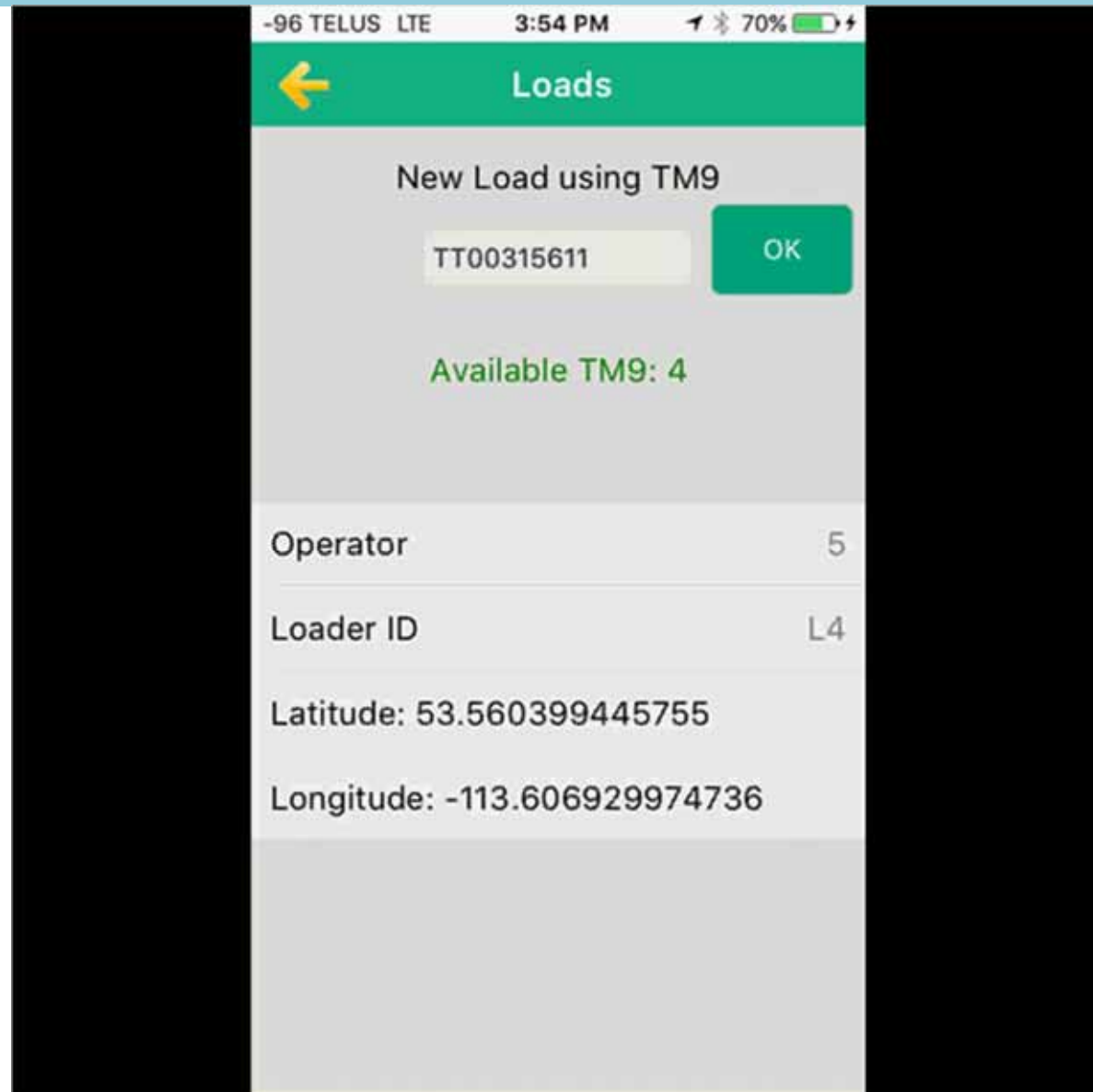
- Automatically synchronize
  - Register Device
  - Get data such as source, truck, tickets
  - Company information, logo
  - Load Ticket layout
  - Any loads shipped



# Example 1



# Example 2





# LoaderWiz (Printer Setup)

- Direct communication using Bluetooth
- Supports Zebra printers: QLN420, iMZ320, iMZ220

