



– Web Interface User Guide Overview

A Mobile Enterprise Logistics Solution

Version 0.2

About

- “ Link-PRO is a Mobile Enterprise Logistics Solution that enables enterprises of any size to more efficiently manage their fleet while increasing their return on investment (ROI).
- “ The solution is comprised of a Web Interface with an Admin Dashboard and a Smartphone app.
 - . The Web Interface receives daily delivery lists in one of two ways:
 - “ Directly from the Client’s (i.e. your) ERP system.
 - “ POSTed directly thru the Link-PRO Admin Dashboard.
 - . The Smartphone app enables the delivery person(s) to record their deliveries and upload that information plus their location in real-time. All information is viewable thru the Web Interface.
 - “ The Smartphone app operates on Android devices. 
 - . An iOS-based app version is in development. 

How the System Works

- “ The Client’s ERP system sends orders to Link-PRO server via XML file format using REST Web Services.
- “ The Admin can review delivery information details before the delivery lists are released, move individual orders to other delivery person(s), and release the delivery lists for each driver thru the Admin Dashboard – one-by-one or “Release All”.
 - . When the delivery lists are released, each driver’s delivery route is optimized and sequenced in order, first to last, thru our **proprietary route optimization algorithm**, or the **Sort by Time algorithm**.
- “ Once the Smartphone app is opened and the driver’s credentials (i.e. username and password) are verified by the Link-PRO server, the Smartphone app is notified of the new delivery list for the day.
- “ With the Smartphone app open, the new delivery list is downloaded.

How the System Works

- “ With the delivery list downloaded and opened, the driver is provided the list of deliveries (first to last), along with the business name and address, and order number.
 - . Multiple orders may be available for a single business
 - . Multiple businesses may be located at the same address (but have a different suite number)
- “ A driver uses the Smartphone app’s feature to Confirm, Cancel or Reschedule a delivery.
 - . Additional features allow a driver to add a note, send the note via SMS, take a picture/video, and view the sequence of deliveries using the Smartphone’s built-in map.
- “ When a delivery is completed, all information is uploaded and summarized on the Web Interface and available for the Admin to review.
 - . All information is returned thru a return XML to the Client’s ERP system.
 - . Information in the Web Interface is refreshed and displayed every 20 seconds.

Web Interface Overview

- “ There are two enterprise solutions available, depending upon the type of fleet business:
1. **Delivery-based: *Optimized Route***, to make deliveries efficient and minimize the distance traveled by your fleet (for each driver) for the day.
 2. **Service-based: *Sort by Time***, to manage the service visits using first in first out (FIFO) service visit posting and sorting a fleet’s service visits (for each technician) by time for the day.

Web Interface Overview

- “ For **Delivery-based** enterprises, delivery orders are sent through a *secure communication channel* by the Client’s ERP system to Link-PRO server using REST Web Services.
 - . Client’s delivery orders also can be POSTed directly thru the Link-PRO website.
- “ Received orders are grouped according to the delivery person’s username and order number, and comprise a **delivery list** for that day.
- “ Orders can be reassigned to other delivery person(s), if needed by the Client’s Admin, and are securely “released” using a password.
- “ Each delivery person’s route is optimized (first to last) using our proprietary routing algorithm.
- “ The current day’s delivery list (for each delivery person) is released and available for download to the Smartphone app.
 - . When deliveries are confirmed by the delivery person, all information is *automatically* uploaded to the Link-PRO server and returned to the Client’s ERP system.
 - . All uploaded information is viewable thru the Admin Dashboard interface.


Web Interface Overview

- “ For **Service-based** enterprises, service orders are sent through a *secure communication channel* by the Client’s ERP system to Link-PRO server using REST Web Services.
 - . Client’s service orders also can be POSTed directly thru the Link-PRO website.
- “ Received orders are grouped according to the delivery person’s username and order number, and comprise a **service list** for that day.
- “ Service visits can be reassigned to other service person(s), if needed, by the Admin, and are securely “released” by the Client’s Admin’s using a password.
- “ Each service person’s visit time is optimized using our proprietary sort by time algorithm.
- “ The current day’s visit list (for each service person) is released and available for download to the Smartphone app.
 - . When visits are confirmed by the service person, all information is *automatically* uploaded to the Link-PRO server and returned to the Client’s ERP system.
 - . All uploaded information is viewable thru the Admin Dashboard interface.


Dashboard

The dashboard interface includes a top navigation bar with a 'Dashboard' link on the left and user information 'Admin : CraigTest' and a 'Logout' link on the right. The main content area is divided into two primary sections: 'Today's Deliveries' and 'Past Deliveries'. The 'Today's Deliveries' section is further divided into two columns of icons. The first column contains icons for 'Today's Delivery List', 'Active Delivery Person List', 'Edit Deliveries', and 'Start Location'. The second column contains icons for 'View Deliveries On Map', 'Add Driver', 'Batch Printing', 'Client Services', 'Deliveries Not Assigned', 'Release All', and 'CSV Report'. The 'Past Deliveries' section contains a single icon for 'Previous Day Delivery List'. All icons are color-coded: blue for main sections, orange for sub-sections, and green for utility actions.

Today's Deliveries and List – Main Page


Hello, CraigTest

←
Home : Today's Deliveries


CraigTest ▾

Main Navigation

- Dashboard
- Today's Deliveries ▾**
 - Today's Delivery List
 - Active Delivery Person List
 - Deliveries On Map
 - Client Service
 - CSV Report
 - Order Search
- Past Deliveries ▾**
 - Previous Day Delivery List

Start Location

Batch Printing

Release All

Post File

Displaying 1 to 2 of 2 records

Name	Last name	Username	Sector	Deliveries	NOT Released / Released	
John	Robbins	jrobbins12	22	View Sequence	NOT Released	View <input type="checkbox"/>
Kate	Smith	ksmith433	23	View Sequence	NOT Released	View <input type="checkbox"/>


View All

First Previous 1 Next Last


View Deliveries on Map

The screenshot displays the AptoLink Pro web application interface. At the top left, a user profile icon is followed by the text "Hello, CraigTest". The top right corner shows a user profile icon and the name "CraigTest". Below the header is a "Main Navigation" sidebar with several menu items: "Dashboard", "Today's Deliveries" (expanded), "Past Deliveries", "Todays Delivery List", "Active Delivery Person List", "Deliveries On Map" (highlighted with an orange border), "Client Service", "CSV Report", and "Order Search". The main content area is titled "Home : Deliveries View Map". It features a filter bar with four dropdown menus: a star icon with "49", a red star icon with "50", a green star icon with "Sector", and a blue star icon with "Sector". A "View" button is located to the right of these filters. The map itself shows a geographical area with various townships and parks labeled, including Lakeville, Rochester Hills, and Rochester. Several red and blue circular markers are placed on the map, representing delivery locations. A black star icon is also visible on the map near Lakeville. The map includes a "Map" and "Satellite" toggle in the top left corner.

Active Delivery/Service Persons List


Hello, CraigTest

←


CraigTest ▾

Main Navigation

- Dashboard
- Today's Deliveries ▾
- Today's Delivery List
- Active Delivery Person List
- Deliveries On Map
- Client Service
- CSV Report
- Order Search
- Past Deliveries <

Home : Delivery Persons

Add driver


10 ▾

Search...


Displaying 1 to 9 of 9 records

#	First name	Last name	Username	Added date ↓↑	Start Location	Actions
1	John	Edelman	jedelman11	Jan 01 2016	No	Edit Delete
2	Larry	Smithy	lsmithy01	Nov 17 2015	No	Edit Delete
3	Janice	Johnston	jjohnston444	Nov 17 2015	No	Edit Delete
4	Conrad	Palmer	cpalmer882	Nov 17 2015	No	Edit Delete
5	Sally	Steinmetz	ssteinmetz	Nov 17 2015	No	Edit Delete
6	Barbara	Lowry	blowry11	Nov 17 2015	No	Edit Delete
7	Jennifer	Levine	jlevine1234	Nov 17 2015	No	Edit Delete
8	Bob	Reichert	breichert02	Nov 17 2015	No	Edit Delete
9	James	Dunthrope	jdunthrope	Nov 17 2015	Yes	Edit Delete

View Past Deliveries


Hello, Craig Test

←


Craig Test ▾

Main Navigation

Dashboard

Today's Deliveries <

Past Deliveries ▾


Previous Day Delivery List

Home : Past Deliveries


Displaying 1 to 5 of 5 records

Name	Last name	Username	Sector	NOT Released / Released	
John	Edelman	jedelman11	49	Released	View <input type="checkbox"/>
Larry	Smithy	lsmithy01	50	Released	View <input type="checkbox"/>
Janice	Johnston	jjohnston444	111	Released	View <input type="checkbox"/>
Conrad	Palmer	cpalmer882	111	Released	View <input type="checkbox"/>
Sally	Steinmetz	ssteinmetz	111	Released	View <input type="checkbox"/>

Batch Printing of All Delivery Lists


Hello, CraigTest

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CraigTest ▾

Main Navigation

- Dashboard
- Today's Deliveries ▾
 - Today's Delivery List
 - Active Delivery Person List
 - View Deliveries On Map
 - Deliveries
 - Client Services
 - CSV Report
 - Order Search
- Past Deliveries <

Home : Batch Printing

Displaying 1 to 2 of 2 records

Name	Last name	Username	Sector(Count)	Print All	<input checked="" type="checkbox"/>
Holly	Sapinski	hsapinski44	22	Print	<input checked="" type="checkbox"/>
Jason	Maunder	jmaunders122	23	Print	<input checked="" type="checkbox"/>

For more information go to: AptolinkPRO.com