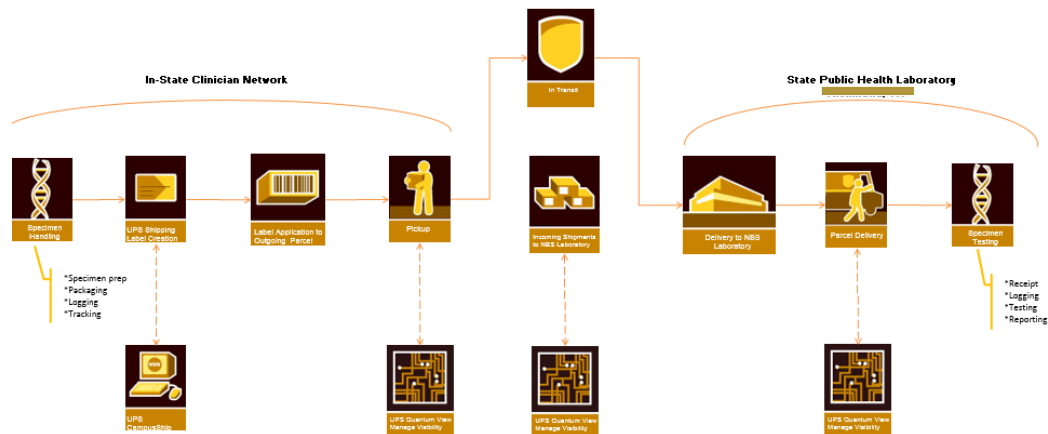


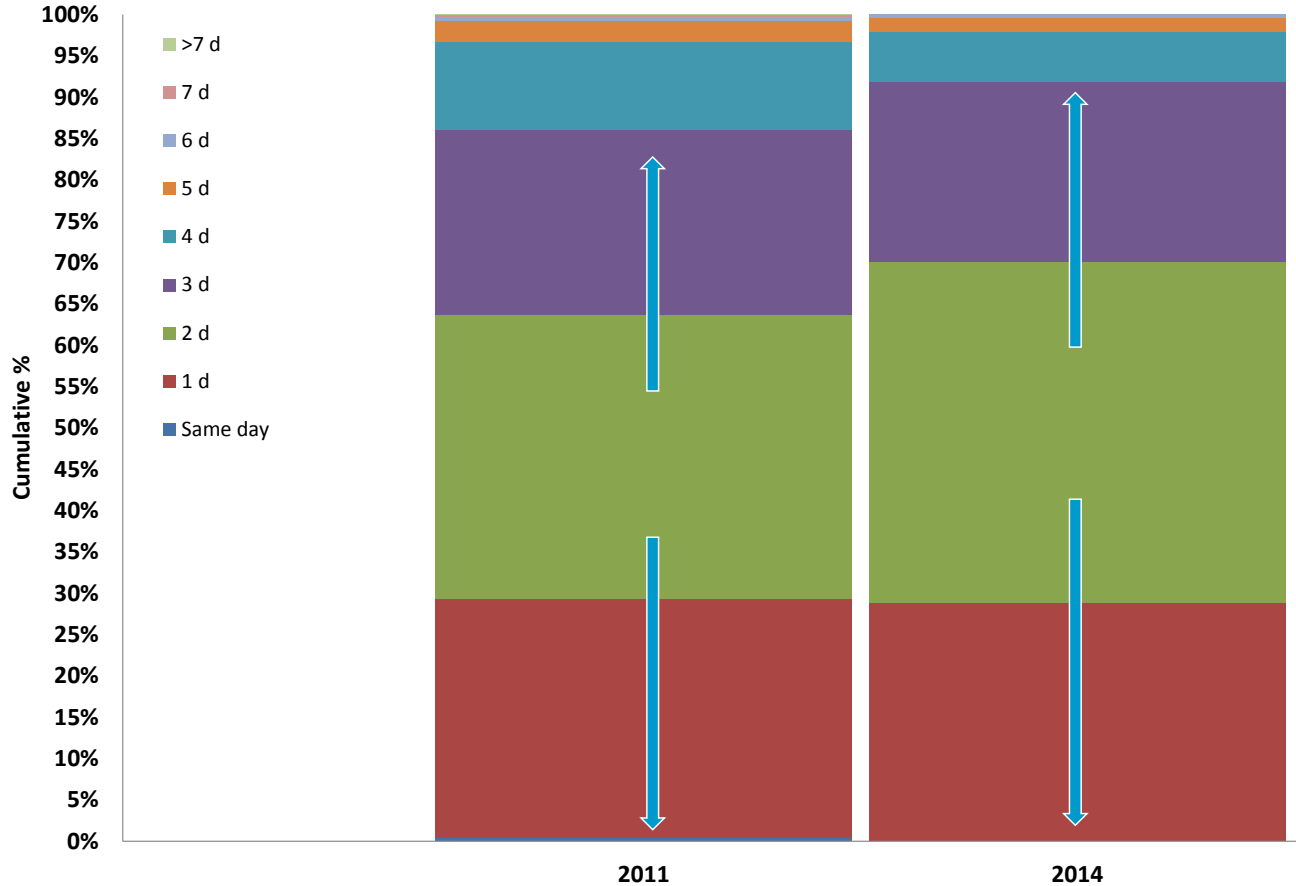
Implementation of a New Electronic Shipping System to Improve Timeliness

APHL Newborn Screening and Genetic Testing Symposium
New Orleans, LA – 9/10/2017

Scott Shone, PhD



Days from Collection to Receipt – First Specimens



UPS CampusShip

Create A Shipment

Begin Your Shipment

Please enter your shipping information below. Required fields are indicated with *

1 WHERE IS THIS SHIPMENT GOING?

Address Book:

Select One



--- or enter a new address below

4 HOW WOULD YOU LIKE TO SHIP?

Service:

UPS Next Day Air



[Compare Time and Cost](#)

Do you need [additional services](#)?

Fee?

Send E-mail Notifications

Free

Deliver On Saturday

Yes

Some services may require extra information. You will be able to enter the required information on the next page.

7 WOULD YOU LIKE TO SCHEDULE A PICKUP?

Schedule a [UPS On-Call Pickup](#) - An additional fee may apply

Where to?

Selection required, but limited

Where from?

Fixed

What?

Selection required, but limited

How?

Selection required, but limited

Saturday delivery checkbox

Pickup?

Selection required depending on location

Existing Process

Challenges

- Label confusion
 - Incorrect scheduling of pickups/deliveries
 - Multiple labels in system
- Pickup execution consistency
 - No control over pickup time
 - No visibility to specimen tracking at time of pickup
- Difficulty tracking
 - No visibility or pre-notification of the inbound volume of specimen samples
 - Inability to reconcile inbound volume received against expected specimen volume



	▼ Shipped Date	<u>Ship To - Company or Name</u>	<u>Service</u>	<u>Shipment Tracking #</u>	<u>Voided</u>
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V04496434749 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V04496727932 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00199239526 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00198793518 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00198853908 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00196924693 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00198949887 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00197713472 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00195239462 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00199191854 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00198274641 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00196631839 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00197247422 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00199345410 <u>Reprint Label</u>	
<input type="checkbox"/>	07 Sep 2017	NEW JERSEY PHEAL	UPS Next Day Air	1ZF089V00199789807 <u>Reprint Label</u>	

Specimen Shipping Labels

UPS Solution

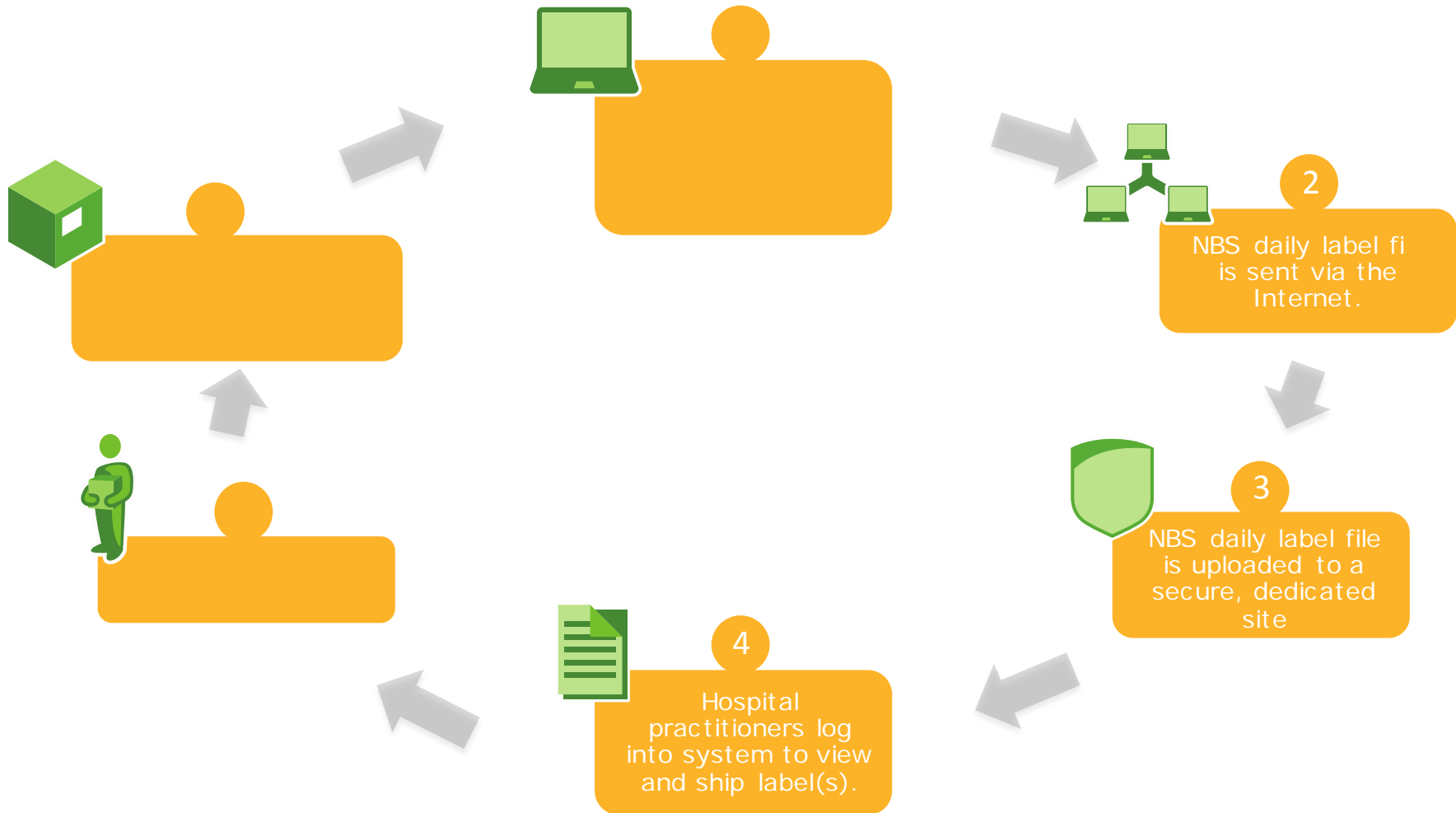
1st Tier Solution = UPS CampusShip

2nd Tier Solution = UPS Complete View Shipping


Benefits

- Dedicated shipping web site that can be configured (to an extent) for the NBS Program
- Site produces a UPS smart label and creates an electronic record for tracking purposes
- Initiates end to end visibility for each and every shipment






Complete View - Administration

 **UPS Complete View® Vendor Management** Welcome, Scott Shone | Logout

Home Admin Orders My Profile

- Admin
 - Edit Company
 - Accounts
 - Vendor Services
- Vendors
 - Add
 - Users
 - Announcement
 - Imports
 - Exports

Vendors for C  **UPS Complete View® Vendor Management** Welcome, Scott Shone | Logout

Search Field: Vendor Alias

Home Admin Orders My Profile

Admin
→ Edit Company
→ Accounts
→ Vendor Services
→ Vendors
→ Users
→ Announcement
→ Imports
→ Exports

Rows: 5

Users List

Users

Field: Operator: Value:
Last Name Starts With

Login Id	Last Name	First Name	Vendor	E-Mail
	George			

 **UPS Complete View® Vendor Management** Welcome, Scott Shone | Logout

Home Admin Orders My Profile

- Orders
 - Orders
 - Order History

Orders for NJNBS

Order Search

Please enter your Search value. Value will be over: PO Number, City, State, Country, Vendor Alias, Item Number and Service.

PO Number	Vendor	Import Date	Ship To Location	Service	Quantity Ordered	Quantity Shipped
9999	UMCPP	08/08/2017	Ewing, NJ US	UPS Next Day Air	1	

Complete View – Hospital

UPS Complete View® Vendor Management

Welcome, Scott Shone | Logout

Home Admin Orders My Profile

Home

Welcome to the UPS Complete View® Vendor Management

Announcements

New Jersey Newborn Screening

Thank you for evaluating our new shipping system. Please call us with any concerns at 609-530-8371

Orders
→ Orders
→ Order History

Shipment for Company NJNBS and Vendor UMCPP.

Ship From Vendor: UMCPP Attention Name: Karen Address Line 1: 1 Plainsboro Road Address Line 2: CHOP Newborn and Pediatric Care Address Line 3: City: Plainsboro State: NJ Zip: 08536 Country: US	Ship To Name: New Jersey Department of Health Address Line 1: 371 Schwarzkopf Dr. Address Line 2: Address Line 3: City: Ewing State: NJ Zip: 08628 Country: US <input type="checkbox"/> Residential Address	Ship Information Import Date: 8/8/2017 Service Level: UPS Next Day Air Printer Type: Laser Reference 1: 131 Reference 2: 9999
--	--	---

Item Number	Description	Quantity Ordered	Quantity Shipped
0001	NBS Shipping Label	1	

Rows 5 Page 1 of 1 Total Records 1

Continue »

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Complete View – Hospital

CAPITAL HEALTH SYS: HOPEWELL
6093034000
1 CAPITAL WAY
PENNINGTON NJ 08534

0.5 LBS LTR

1 OF 1

SHIP TO:

NEWBORN SCREENING
6095308371
NEW JERSEY DEPARTMENT OF HEALTH
372 SCHWARZKOPF DR.
EWING NJ 08628

UPS Complete View® Vendor Management Welcome, Scott Shone | Logout

Home Orders **My Profile**

Orders
→ Orders
→ Order History

Package Wizard

Item Number ▲	Description	Remaining Quantity	Ship Quantity	Action
0001	NBS Shipping Label	1	<input type="text"/>	<input type="checkbox"/>

Page 1 of 1 Total Records 1

Package 1 ▼

Weight Unit of Measure Package Type:

Additional Handling

Items Assigned to this Package

Item Number	Description	Quantity Assigned
-------------	-------------	-------------------



NJ 086 0-04



UPS NEXT DAY AIR

TRACKING #: 1Z 3Y2 0A0 01 3367 9172

1 S



BILLING: P/P

Reference No.1: 133
Reference No.2: 1023

302L 17.08.07

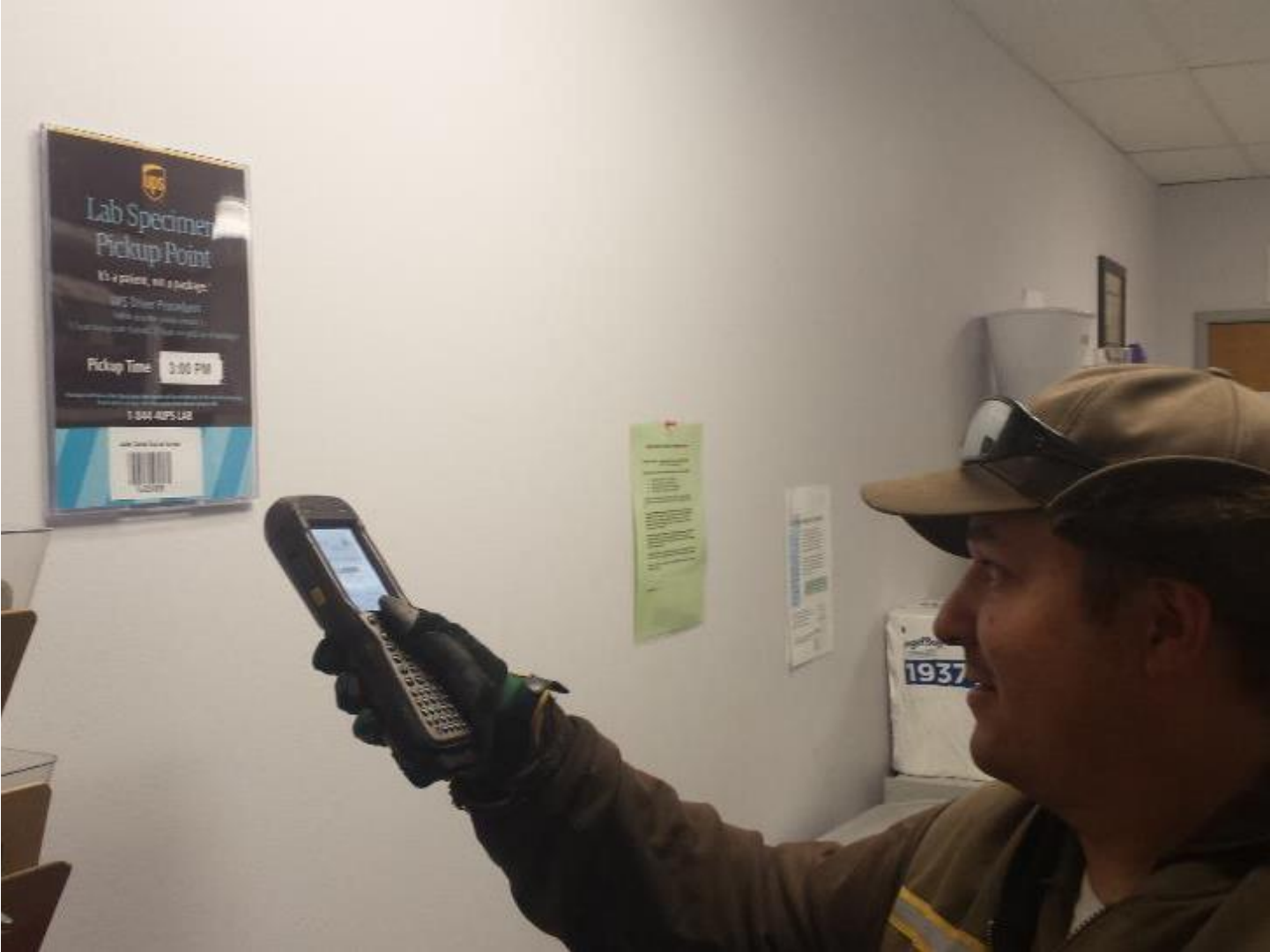
NW45 90.0A 07/2017



Specimen Pickup Point



- Enhances package visibility
- Reduces missed pickups
- Synchronizes lab, clinician & UPS
- Streamlines on-boarding
- Weekday/end specific pickup points




Lab Specimen Pickup Point
It's a point, not a package.
UPS Drive Forward
Pickup Time **3:00 PM**
1-800-UPS-LOG

NOTICE

NOTICE

1937

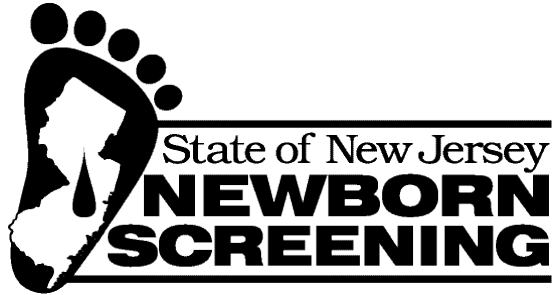
CampusShip

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Complete View

- Label creation is controlled
 - Pickup/Delivery days set
 - Number of labels “ordered” is limited
- Defined Pickups
 - Every hospital has a defined pickup location(s) and time(s) in UPS System
 - Scanning Pickup Point marks first entry
- More Accurate tracking
 - Visibility of packages entering and moving through system
 - Inbound volume known to allow Program to anticipate work and identify lost packages earlier

Acknowledgements



- Irwin Margolin
- Donna McCourt
- Rosemary Bernardo
- Shawn O'Leary



- Lauren Gokhale
- Sean Pender
- Cassie Dyer
- Brad Moser

Contact Information



delivering **the promise of science**
for global good



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