

# GP OPTIMIZER LIVE



## The Two Sides of Inventory Management



# GP OPTIMIZER LIVE

---

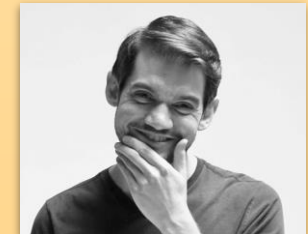


---

**[www.Panatrack.com](http://www.Panatrack.com)**

**262.361.4950**

**[arode@panatrack.com](mailto:arode@panatrack.com)**



---

**Eric Graf**

**[eric@netstock.co](mailto:eric@netstock.co)**

# Key Context for Supply Chains in 2020

COVID-19 created a unique supply chain disruption, and it's not over.

 SUPPLYCHAINDIVE

Deep Dive Opinion Data Library Events Topics ▾

AUTHOR

Morgan Forde  
@morgan\_forde\_

.....

PUBLISHED

June 18, 2020

.....

SHARE IT

 POST

 SHARE

Dive Brief:

- Thirty-four percent of procurement leaders believe coronavirus disruption has already peaked, while 49% believe a peak will come between June and December, according to a recent survey of 605 procurement and supply chain leaders conducted by Procurious.
- While 97% of respondents reported supply chain shakeups as a result of the pandemic, only 17% reported severe disruptions. Nearly 50% said the effects were minor to moderate. Respondents said key challenges were decreased demand for certain products, production and logistics slowdowns, and travel restrictions.

# Key Context for Supply Chains in 2020

2020 has been anything but normal.

But so-called “normal times” have disruptions, too:

- Trade wars & tariffs
- Natural disasters
- Labor strikes
- Political unrest
- Scheduled events like Chinese New Year

# Key Context for Supply Chains in 2020

2020 has been anything but normal.

But so-called “normal times” have disruptions, too:

- Trade wars & tariffs
- Natural disasters
- Labor strikes
- Political unrest
- Scheduled events like Chinese New Year

**Even in normal times, best practices are always called for:  
People // Processes // Tech**

# Best Practices for Your Supply Chain

GP Optimizer is dedicated to help you understand the best practices you can implement to get more out of GP.

Let's take 30 minutes to look at the two sides of inventory management and the best practices around each side.

# Inventory Control

**Responsibility:** Manage the physical product



Receiving Inventory



Pick, Pack & Ship



Physical Counts



Labeling



# Inventory Control

**Responsibility:** Manage the physical product



Receiving Inventory



Pick, Pack & Ship



Physical Counts



Labeling

# Inventory Replenishment

**Responsibility:** Have the right stock at the right place at the right time



Forecasting



Ordering



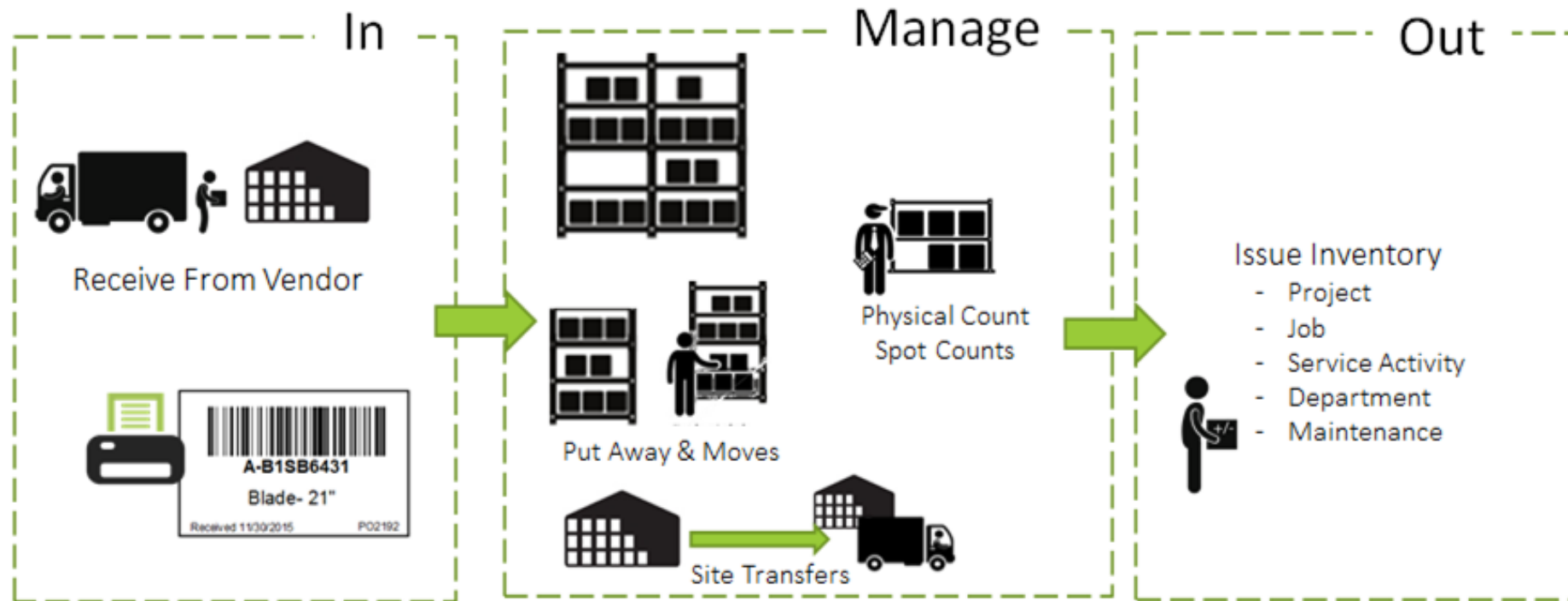
Expediting



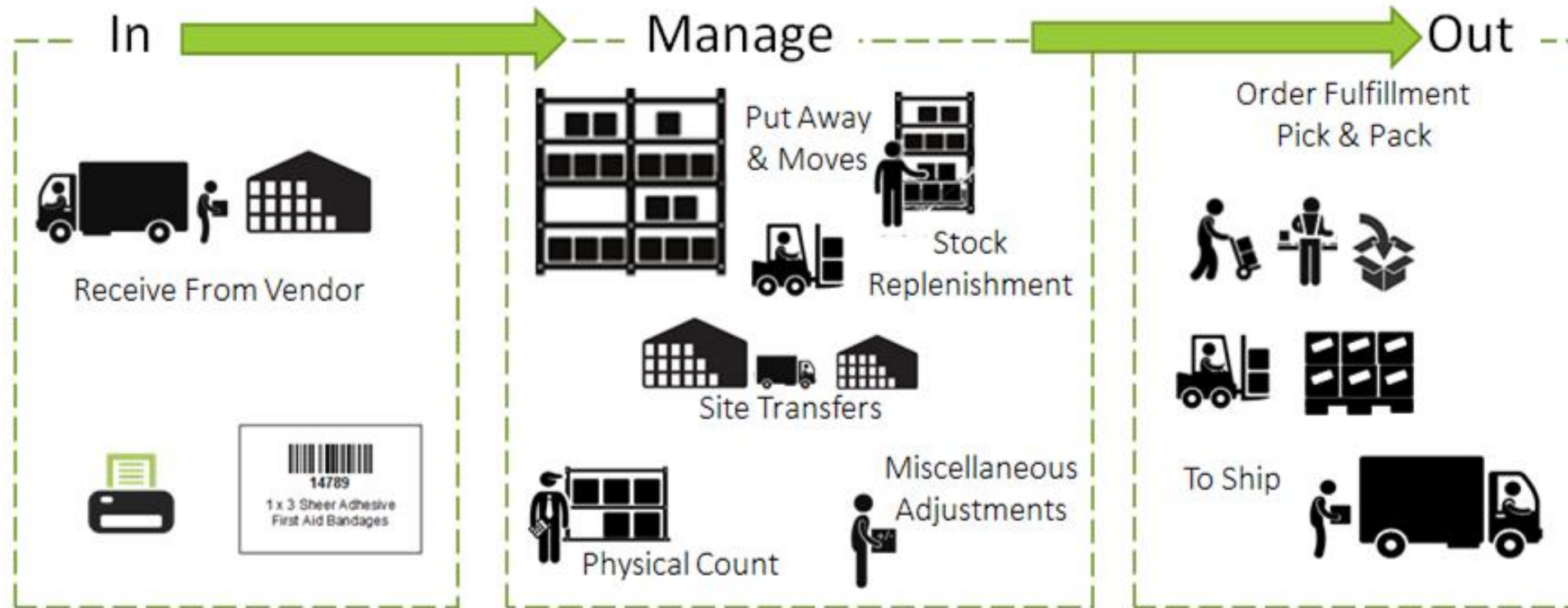
# Panatrack Warehouse Management



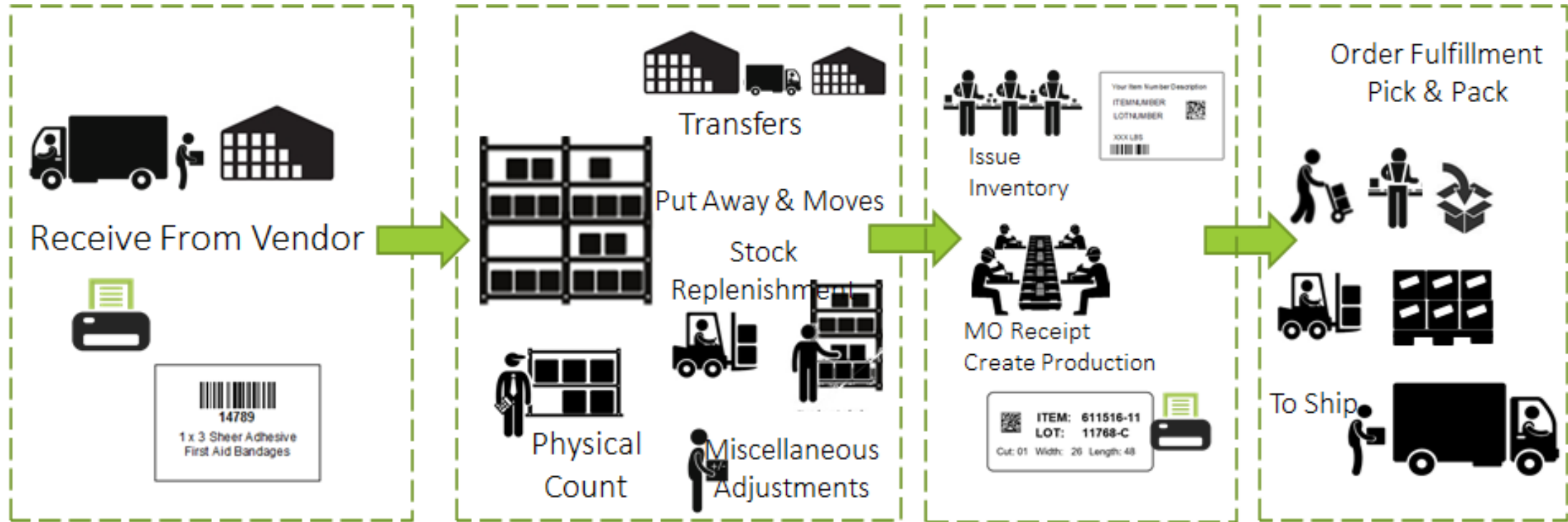
# Stockroom Inventory



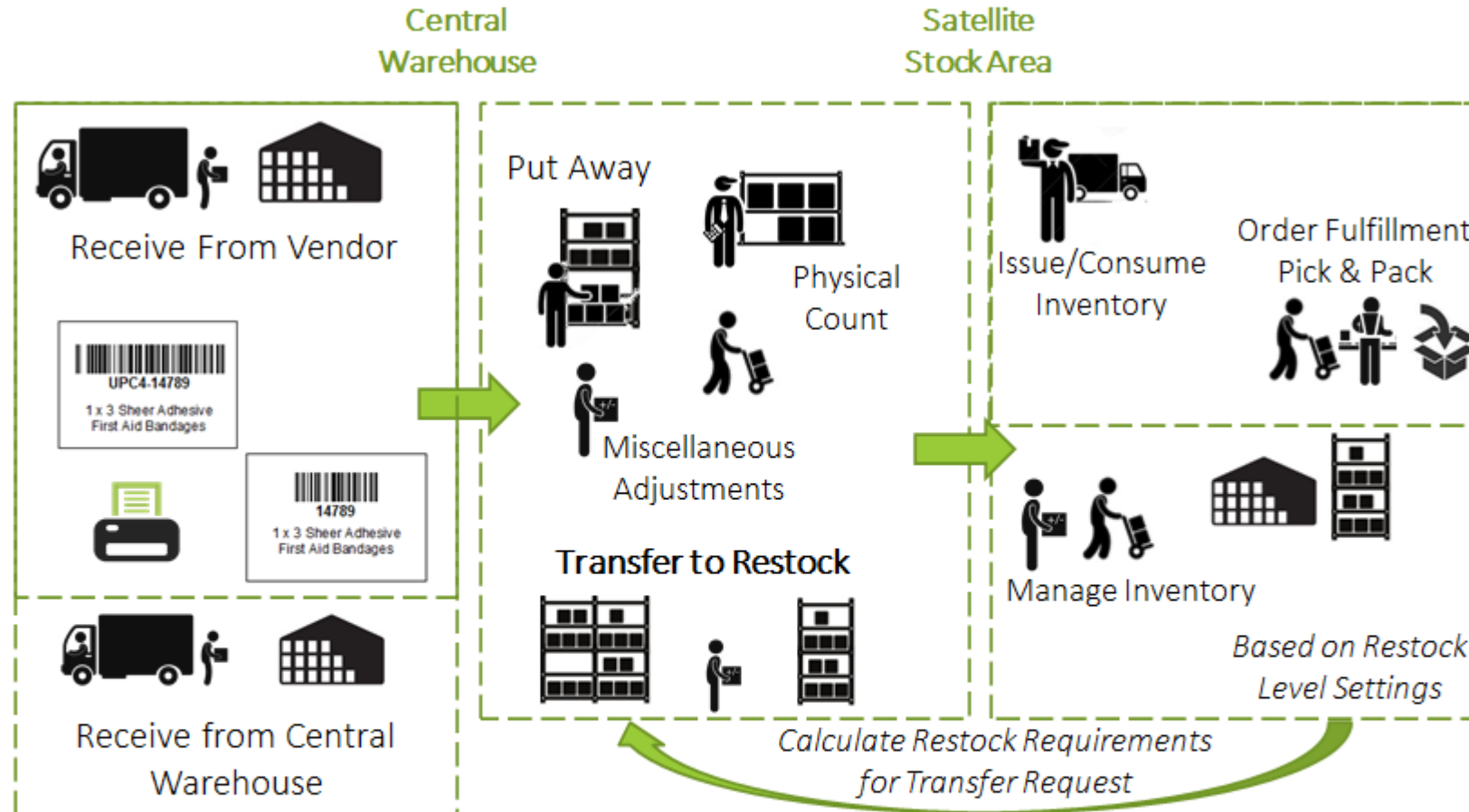
# Distribution Inventory



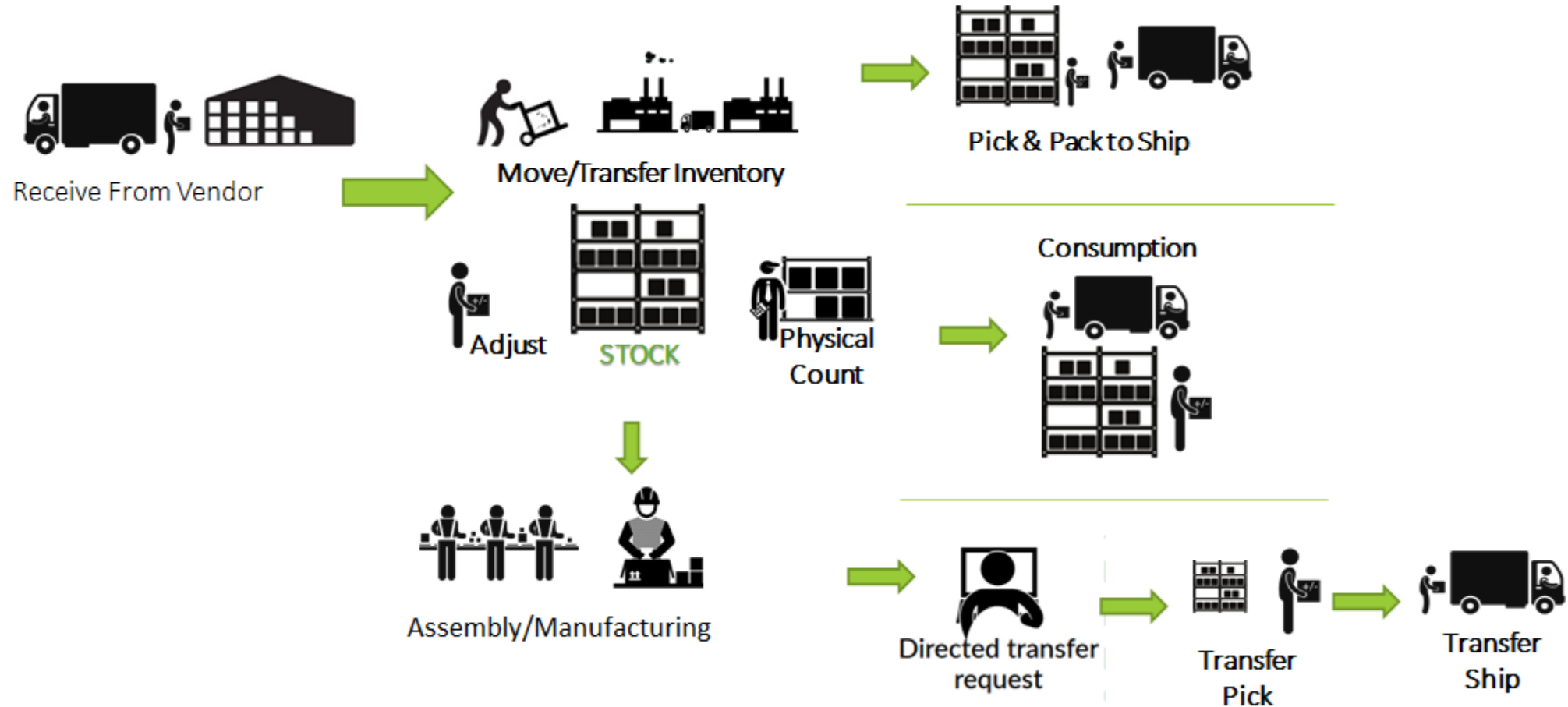
# Manufacturing Inventory



# Central Warehouse Management



# Inventory Workflow





# Capturing Transactions



# Transaction Overview

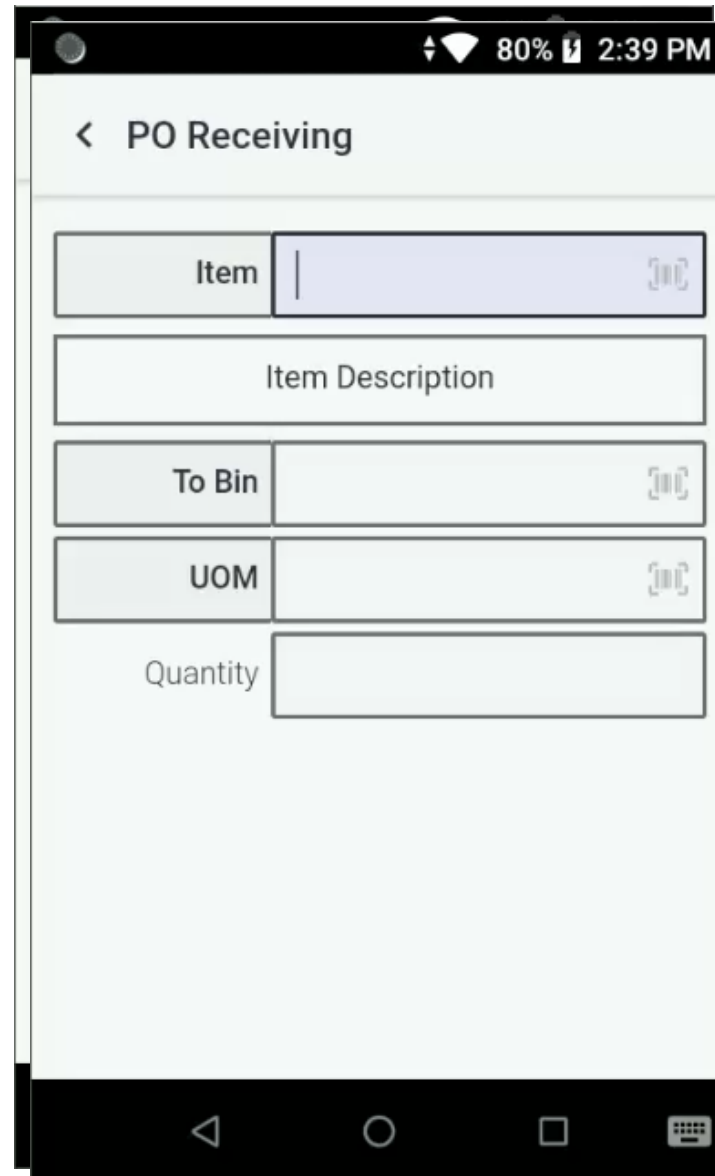
80% 2:39 PM

☰ PO Receiving Receive >>

Vendor	VENDOR	☰
Site Filter		☰
Item Filter		☰
PO #	ORD1016	☰

☰

# Transaction Overview



The image shows a mobile application interface for a 'PO Receiving' transaction. The screen is displayed on a smartphone with a status bar at the top showing 80% battery and 2:39 PM. The app's header bar is light green with a back arrow and the text 'PO Receiving'. Below the header, there are several input fields: 'Item' (with a barcode icon), 'Item Description' (a wide text field), 'To Bin' (with a barcode icon), 'UOM' (with a barcode icon), and 'Quantity' (a wide text field). The bottom of the screen shows the standard Android navigation bar with back, home, and recent apps buttons.

80% 2:39 PM

< PO Receiving

Item

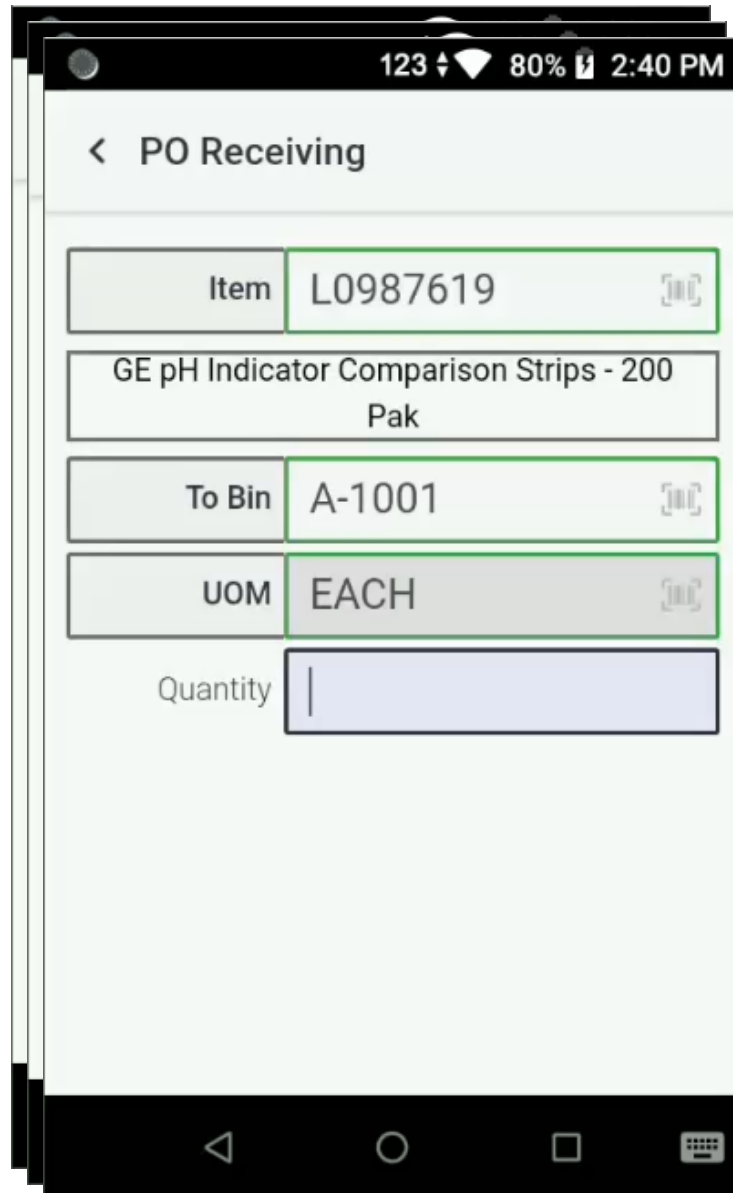
Item Description

To Bin

UOM

Quantity

# Transaction Overview



The image shows a mobile application interface for a 'PO Receiving' transaction. The screen is displayed on a smartphone, with the status bar at the top showing the number 123, signal strength, 80% battery, and the time 2:40 PM. The app's header is a light blue bar with a back arrow and the text 'PO Receiving'. Below the header, there are four input fields, each with a label on the left and a value on the right, followed by a barcode icon. The first field is 'Item' with the value 'L0987619'. The second field is 'To Bin' with the value 'A-1001'. The third field is 'UOM' with the value 'EACH'. Below these fields is a 'Quantity' label followed by an empty input box. The text 'GE pH Indicator Comparison Strips - 200 Pak' is displayed in the center of the screen. The bottom of the screen shows the Android navigation bar with back, home, and recent apps buttons.

123 80% 2:40 PM

< PO Receiving

Item L0987619

GE pH Indicator Comparison Strips - 200 Pak

To Bin A-1001

UOM EACH

Quantity

# Transaction Overview

123 80% 2:40 PM

< PO Receiving

Item	L0987619
GE pH Indicator Comparison Strips - 200 Pak	
To Bin	A-1001
UOM	EACH
Quantity	150

# Transaction Overview

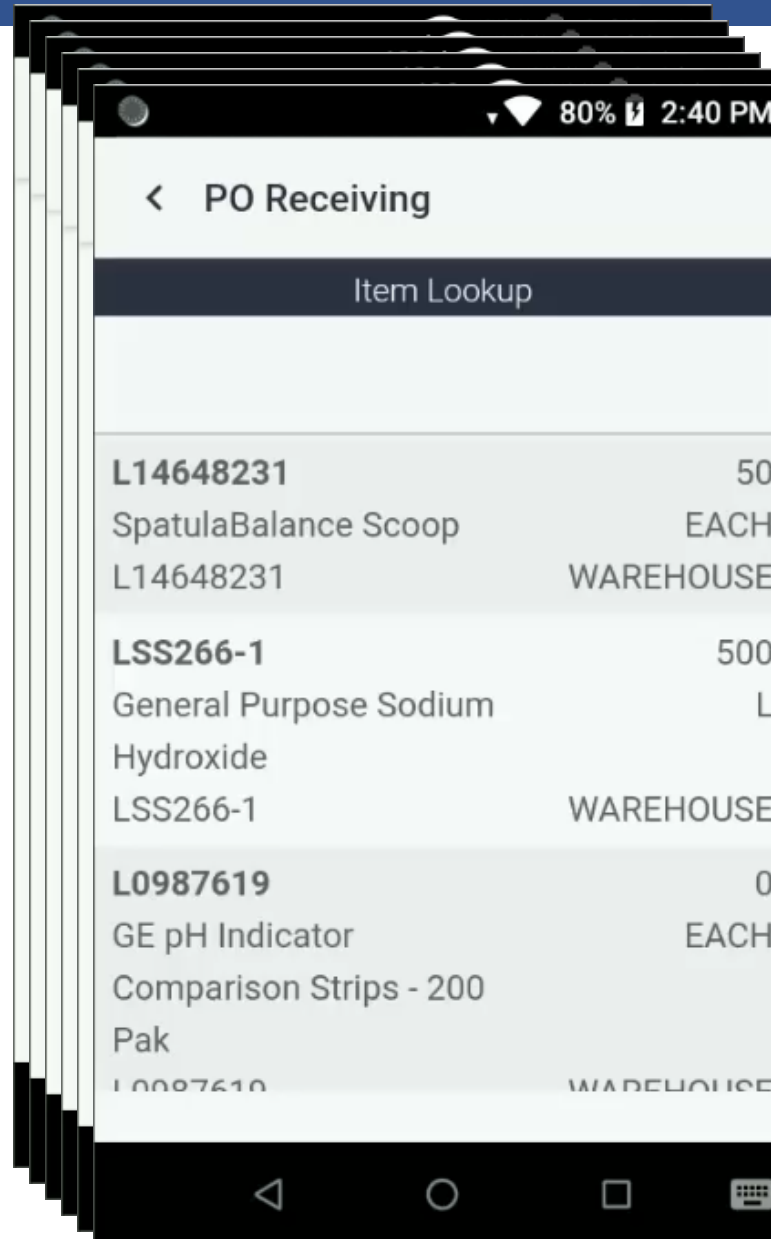
The image shows a stack of smartphone screens displaying the 'PO Receiving' transaction form in the PANATRACK app. The top screen shows the following details:

- Item:** L10455A
- Description:** Classic Glass Thistle Tube Funnel
- To Bin:** A-1001
- UOM:** EACH
- Quantity:** 100

The status bar at the top indicates a signal strength of 123, 80% battery, and the time is 2:40 PM. The app interface includes a back arrow, a 'Review' button with a list icon, and a standard Android navigation bar at the bottom.



# Transaction Overview



PO Receiving		
Item Lookup		
L14648231	50	
SpatulaBalance Scoop	EACH	
L14648231		WAREHOUSE
LSS266-1	500	
General Purpose Sodium Hydroxide	L	
LSS266-1		WAREHOUSE
L0987619	0	
GE pH Indicator Comparison Strips - 200 Pak	EACH	
L0987619		WAREHOUSE

# Transaction Overview

123 80% 2:40 PM

< PO Receiving Review

Item	L14648231
SpatulaBalance Scoop	
To Bin	A-1002
UOM	EACH
Quantity	25

# Transaction Overview

123 80% 2:40 PM

< PO Receiving Review

Item LSS266-1

General Purpose Sodium Hydroxide

To Bin C-1005

UOM L

Lot 611269818994

Exp Date 6/25/2021

Quantity 400

# Transaction Overview

Receiving Review  
[ORD1016] Submit ✓

1. L0987619	150	
GE pH Indicator	EACH	
Comparison Strips -		>
200 Pak		
For:	of 150	
	WAREHOUSE	
2. L10455A	100	
Classic Glass	EACH	
Thistle Tube Funnel		>
For:	of 100	
	WAREHOUSE	
3. L14648231	25	
SpatulaBalance	EACH	
Scoop		>
For:	of 50	

# Transaction Overview

The image shows a stack of smartphone screens displaying the 'PO Receiving' application. The top screen is in focus and shows a success message. The status bar at the top indicates 80% battery and 2:41 PM. The app header is 'PO Receiving'. Below the header are four input fields: 'Vendor', 'Site Filter', 'Item Filter', and 'PO #'. Each field has a barcode icon on the right. The 'PO #' field is highlighted in blue. At the bottom, a dark blue banner displays the success message: 'Success. Your transaction has been submitted: Transaction Code: RCV000074'. The bottom of the screen shows the Android navigation bar.

Field	Value
Vendor	
Site Filter	
Item Filter	
PO #	

**Success**  
Your transaction has been submitted:  
Transaction Code: RCV000074

# Transaction Review

PO Receiving

Vendor

Site Filter

Item Filter

PO #

**Success**  
Your transaction has been submitted:  
Transaction Code: RCV000074

Receivings Transaction Entry - MBINS (Alex)

Save Delete Void Post Auto-Rcv Reports AA Options View Additional File Tools Help

Actions Options View Additional

Type: Shipment  
Receipt No. RCV000074  
Vendor Doc. No. 1  
Date 6/26/2020  
Batch ID PTGP\_RECEIVE

Vendor ID VENDOR  
Name Your Vendor  
Currency ID Z-US\$

PO Number Item Qty Shipped Unit Cost  
U of M Site ID Quantity Ordered Quantity Invoiced Extended Cost  
Description Previously Shipped Previously Invoiced

ORD1016	L0987619	150	\$32.54
ORD1016	L10455A	100	\$21.32
ORD1016	L14648231	25	\$3.44
ORD1016	LSS266-1	400.000	\$0.00
		0.00	\$0.00

1099 Amount \$0.00  
Payment Terms  
Landed Cost Func. Total \$0.00

Subtotal \$7,099.00  
Trade Discount \$0.00  
Freight \$0.00  
Miscellaneous \$0.00  
Tax \$0.00  
Prepayment \$0.00  
Total \$7,099.00

Tax Schedule ID

Landed Cost Distributions User-Defined

Receipt Number

Created	Transaction C...	Sta...	Pr...	Device	User Name	Purcha...	Vendor	Alter ...	FlexFL...	Package	FlexFL...	FlexFL...	FlexFL...	FI
6/26/2020 2:41 PM	RCV000074	Succeeded	PRODUC...	TC20-1160	Alex	ORD1016	VENDOR							

Transaction Details	Integration Details
---------------------	---------------------

ons	Purchase Order	Site	Bin	Vendor Item	Item	Item Description	Unit
	ORD1016	WAREHOUSE	C-1005	LSS266-1	LSS266-1	General Purpose Sodium Hydroxide	Lot: 611269818994 Qty: 400 L, Exp: 6/25/20
	ORD1016	WAREHOUSE	A-1001	L0987619	L0987619	GE pH Indicator Comparison Strips - 200 Pak	Quantity: 150 EACH
	ORD1016	WAREHOUSE	A-1001	L10455A	L10455A	Classic Glass Thistle Tube Funnel	Quantity: 100 EACH
	ORD1016	WAREHOUSE	A-1002	L14648231	L14648231	SpatulaBalance Scoop	Quantity: 25 EACH



# Replenishment for 2020 and Beyond

Balancing your investment in the right stock at the right time is critical to staying afloat, particularly in difficult times.

Supply and demand shocks show just how hard it is to manage demand planning with “gut feel” or an inventory spreadsheet.

So let’s talk about inventory replenishment and demand planning best practices...

# Demand Planning Best Practices

Best practices for **people** and **process** include:

- Increased communications up & down the chain
  - What about your suppliers' suppliers?  
Your customers' customers?
- Make bulk adjustments of expected demand
  - Short-term; Medium-term; Long-Term
- Identifying alternative suppliers - and using them!
- Item classification to focus on your most important items

# Demand Planning Best Practices

How are you controlling your inventory levels and demand forecasts currently?

- Spreadsheets
- ERP
- 3rd party app

# Demand Planning Best Practices

How are you controlling your inventory levels and demand forecasts currently?

- Spreadsheets      ← *Most businesses are stuck here*
- ERP      ← *What can GP provide?*
- 3rd party app      ← *To manage supply chain complexities*

# What are the Main Replenishment Problems?

## Stock-Outs

---



## Excess Stock

---



## Productivity

---



# Demand Planning Best Practices

No matter what tool you're using for replenishment and demand planning, what your business needs is...

## Optimal Order Recommendations

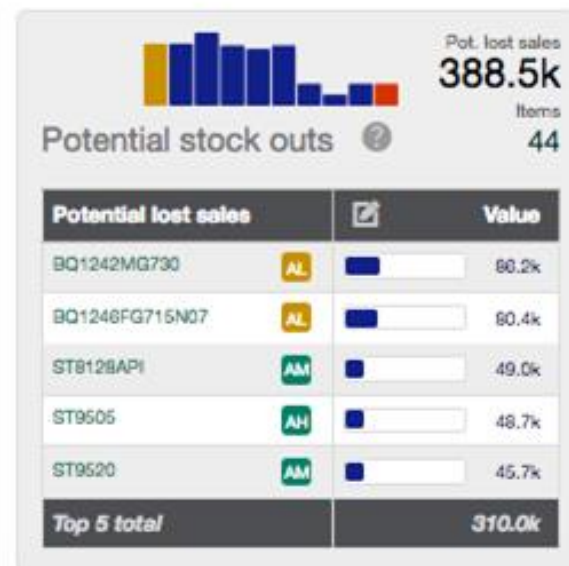
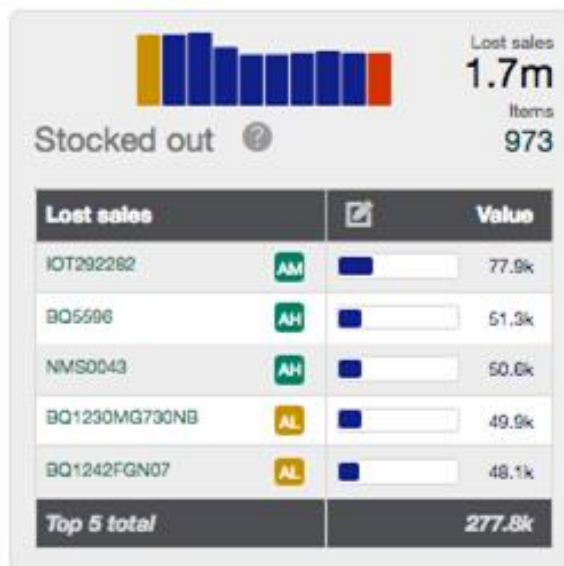
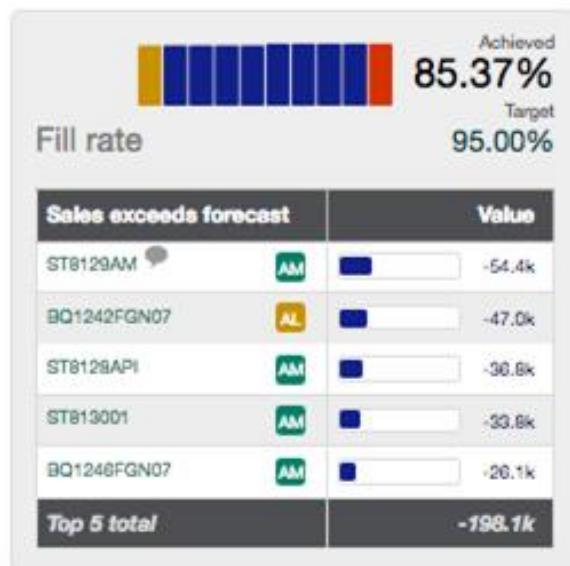
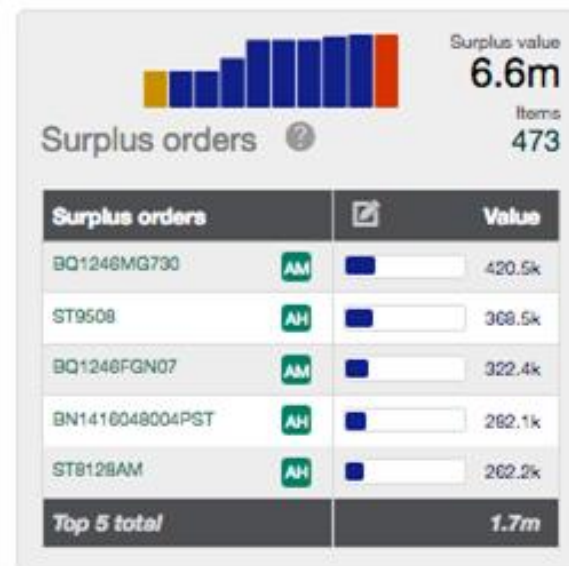
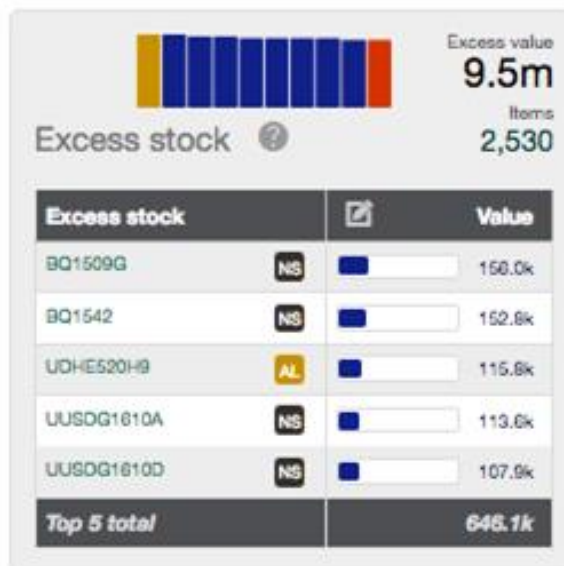
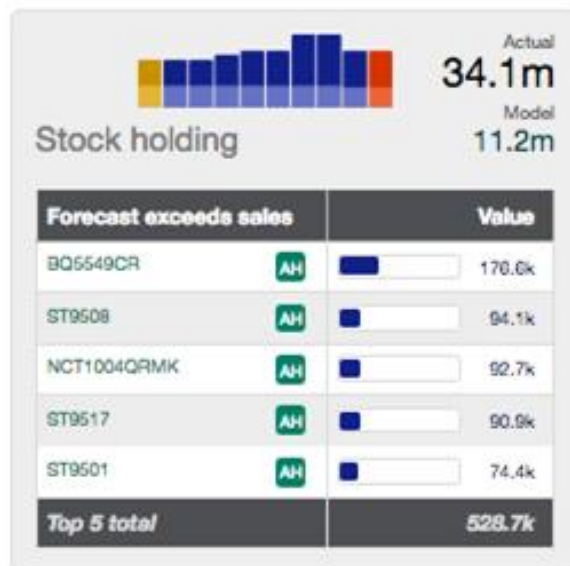
- Data-based forecasts and visibility      *leads to...*
- Smarter ordering      *leads to...*
- Properly balanced levels      *leads to...*
- **More profit**



# The Right Tool for the Job

Here's NETSTOCK's approach to inventory replenishment and demand planning:

- Cloud-based & on-demand
- Integration Dynamics ERPs
- Dashboard driven
- Graphical, colorful, and interactive
- Management by exception
- Rapid deployment
- Affordable subscription pricing

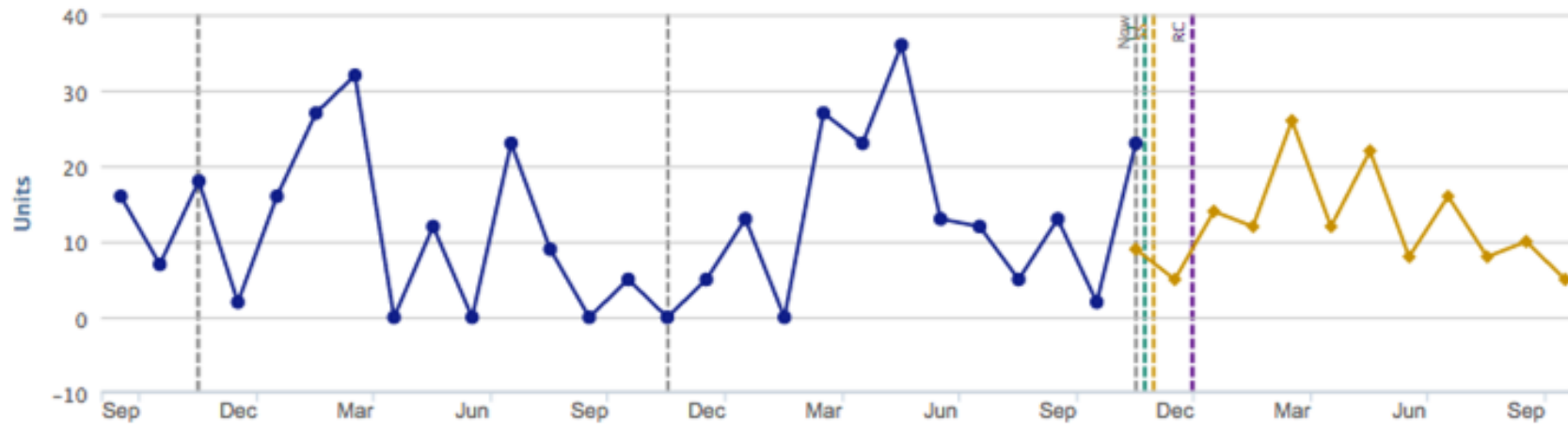




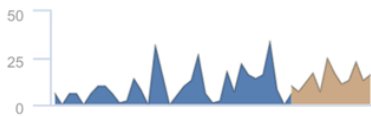



Forecast   Forecast shots   Purchase Orders   Supplier performance   Customer Orders   BOM   CW   Projection   Comments

Year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
08 - 09											16	7	23
09 - 10	18	2	16	27	32	0	12	0	23	9	0	5	144
10 - 11	0	5	13	0	27	23	36	13	12	5	13	2	149
11 - 12	23	9	5	14	12	26	12	22	8	16	8	10	147

 Amend forecast



▲ Product code, Description,	Order						
	UOM, LT, EAD	Rec, Amended	Cost, Amended	Value	Class, Velocity	Policy	Demand
<b>BQ1853C</b> Brake Drum Propar Apxxxx C Standard	units LT: 110 days 110 EAD: 09 Jun 2019	Ideal: 84 MOQ: 0 Rec: 112 112	Mult: 16 78.8339 78.8339	8,829	AM Stocked out	LT 110d 211u SS 82d 113u RC 30d 43u O/H 0d 0u O/O 187d 336u B/O - 53u Fill 95%t 0%a	 Avg sales: 48.1 Avg FC: 48.8 Tot CO: 52 PTD sales: 0 Age: 51
<b>BQ1855C</b> Brake Drum Special 5 Spoke D/d Apxxxx C Standard	units LT: 110 days 110 EAD: 09 Jun 2019	1.1k 1093	79.1190 79.1190	86,477	AH Ok	LT 110d 1.8ku SS 53d 840u RC 30d 533u O/H 96d 1.6ku O/O 40d 472u B/O - 32u Fill 98%t 100%a	 Avg sales: 441.8 Avg FC: 471.7 PTD sales: 149 Age: 51
<b>BQ1870C</b> Brake Drum Bpw 10-stud Late Style 335pcd Apxxxx K Standard	units LT: 110 days 110 EAD: 09 Jun 2019	41 41	93.6286 93.6286	3,839	BM Ok	LT 110d 41u SS 172d 87u RC 45d 25u O/H 93d 32u O/O 215d 80u B/O - 0u Fill 98%t 100%a	 Avg sales: 12 Avg FC: 14.3 PTD sales: 6 Age: 34
<b>BQ1871C</b> Brake Drum Bpw New Gen Spider Apxxxx C Standard	units LT: 110 days 110 EAD: 09 Jun 2019	Ideal: 0 MOQ: 0 Rec: 104 104	Mult: 1 93.4924 93.4924	9,723	AH Ok	LT 110d 520u SS 45d 182u RC 30d 138u O/H 51d 251u O/O 137d 560u B/O - 0u Fill 98%t 100%a	 Avg sales: 132.3 Avg FC: 133.7 PTD sales: 36 Age: 51

# GP OPTIMIZER LIVE

---

Questions about inventory?



---

**[www.Panatrack.com](http://www.Panatrack.com)**

**262.361.4950**

**[arode@panatrack.com](mailto:arode@panatrack.com)**



---

**[netstock.co](http://netstock.co)**

**602.459.4869**

**[eric@netstock.co](mailto:eric@netstock.co)**