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# Drive Supply Chain Efficiencies Through Streamlined Parcel Shipping With SAP

DeVario Voltz, IT Application Analyst,  
The Chicago Faucet Company  
Session ID #84277

# About the Speakers

## DeVario Voltz

- IT Application Analyst  
Chicago Faucets
- Over 10 years experience in  
SAP SD
- SAP TERP10 Certified
- CIS Bachelors from GVSU
- Central Michigan University  
MBA Graduate
- Currently an Illinois resident
- Love to Travel


# Key Outcomes/Objectives

1. Learn how Chicago Faucets overcame shipping inefficiencies.
2. Gain insight on how to streamline parcel shipping.
3. Generate ideas to leverage existing software.

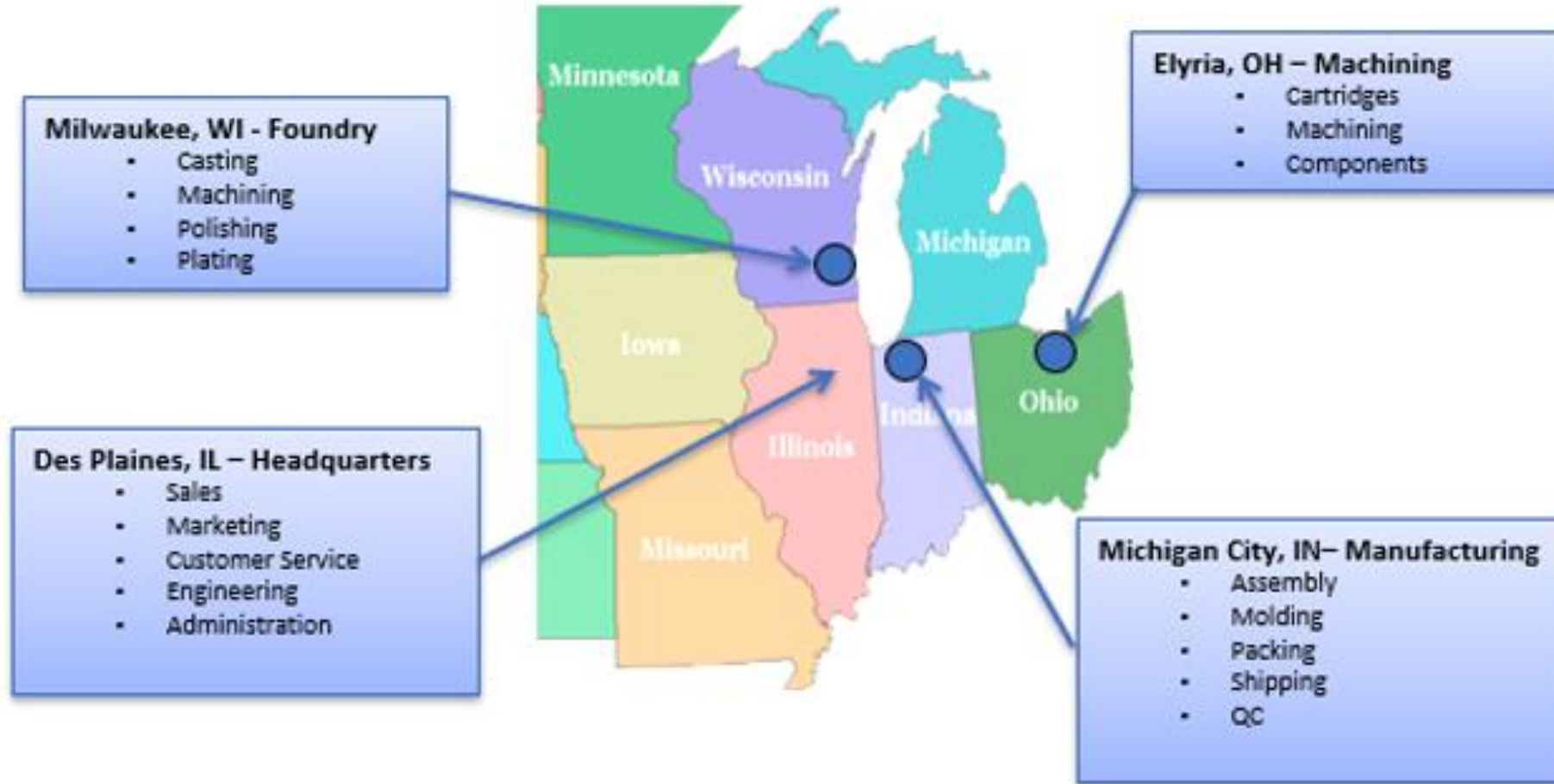
# Agenda

- Background
- Material Flow
- Pre-SAP
- Issues
- Design Points
- Key Benefits
- ROI
- Questions

# Chicago Faucets Background

- USA Manufacturer since 1901
- Founded by Albert C. Brown 
- Most Notable Innovation – Quatern Cartridge 
  - The heart of Chicago Faucets since 1913 
- Acquired by Geberit in 2002 
  - European Manufacturer of sanitary products

# Material Flow



# Pre-SAP

- Legacy JDE System
- Each warehouse maintaining individual instances of:
  - UPS WorldShip
  - FedEx Ship Manager
- Default carrier labeling

# Key Issues

- Limited integration between carrier applications and JDE
- Painful Manual Track & Trace
- Lack of Label Customization
- Tedious master data maintenance in multiple systems
- Lack of reporting
- Manual Freight Charge Billing



# Specific Design Points

- Track & Trace At Delivery Level
- Process shipments via delivery number
- Automate delivery updates
- Custom labels for drop shipping
- Freight charge capture for invoicing
- User exits for growth & future customizations

# Our Partner - ProcessWeaver



- Provider of Built-In SAP Supply Chain Solutions
- Enterprise Centralized Shipping
  - Simplistic single screen processing of shipments integration
  - Produces shipping labels & all associated shipping documents
- Enterprise Freight Shopping
  - Rate comparison between carrier options
- Enterprise Track & Trace
  - Tracking for each handling unit shipped
- SAP Certified ABAP Solution
  - No additional hardware required
  - Visually Seamless to Users
  - Easily “Configured” By Users
  - Quickly Customizable to Meet Emergent Business Requirements

# Process Overview

The screenshot displays the 'Process Weaver' software interface, which is used for managing shipping processes. The main window is titled 'ECS : Global - Enterprise Centralized Shipping Solution'. The interface is divided into several sections:

- Top Bar:** Contains navigation icons and a menu with options like 'Plan Shipment', 'Cancel Shipment', 'Display Delivery/Shipment', 'Clear Shipment', 'Manifest Report', 'Reprint Label', and 'View Rateshopping'.
- Form Fields:** Includes 'Delivery Number' (141.6463720), 'Ship Method' (AB UPS GROUND), 'Ship To Address' (FIRST COMPANY, 123 MAIN STREET, TUCSON, AZ, US), and 'Payment Terms' (Ship Date: 04/01/2019, No. of Packages: 1, Payment Code: SENDER Sender, Shipper Account: Y21F85).
- Tracking Information:** Shows 'Tracking Number' (1ZY21F850390356058) and 'Freight' (53.65).
- Handling Unit Section:** Features a table for 'Items to be Packed' and 'Items to be Packed' with columns for Item, Material No., Total Qty, Un, Balance Qty, and Partial Qty. A 'Handling Units' table is also visible with columns for Handling Unit, Pack. Material, Weight, Dimensions, and Track.
- Bottom Bar:** Contains buttons for 'Pack', 'Packall', 'Multi Pack', and 'Delete HU'.

# Key Benefits – Automatically Update Delivery

Delivery note 1416468653 Display: Header Details

Delivery note 1416468653 Display: Header Details

Post Goods Issue

Ship-To Party 544904

Loading Shipment Foreign Trade/Customs Financial Processing Administration Partner Texts Conditions Dates Parcel Tracking ETT Aut... < >

Dates			Goods to be loaded	
TransptnPlanng	03/15/2019	00:00	<input type="checkbox"/> ContainsDG	
Loading	03/15/2019	00:00	DGMgmtProf	
Planned GI	03/15/2019	00:0...	Trans. Grp	0000 generally

Ship-to party

Delivery Date 03/15/2019 00:00  
Friday 00:00 - 00:00 and 00:00 - 00:00

Unloading Point

Shipment

ShippingPt 1411 CFC Michigan City TrnsPlnSta  Not rel.transp.plan.  
Route US0000 Best Way ShpmtBIRsn

RouteSched

Incoterms EXW Plant

BillOfLad.

GR/GI Slip

MnsTransTy  Shp.Cond. AB UPS Ground  
TrnsIDCode  Ship.type   
Mns of tr.  SpecProcId

Weight and volume

Total Weight 12.222 LB  
Net weight 11.182  
Volume 878.274 CI

# Key Benefits – Track & Trace

Outbound Delivery Edit Goto Extras Environment Subsequent Functions System Help

Delivery note 1416468653 Display: Header

Ship-To Party 544904

Shipment Foreign Trade/Customs Financial Processing

ECS Tracking

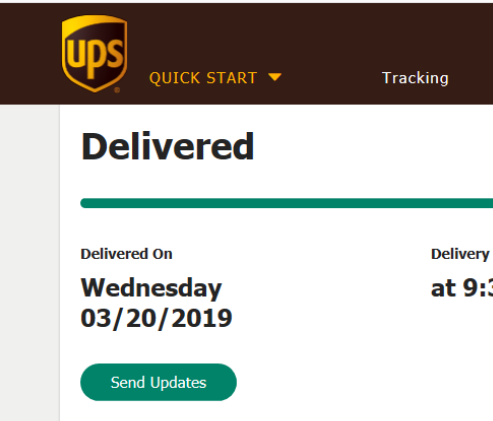
Delivery Number 1416468653  
Sales Order 1411354516

Shipment Tracking Details

Ship Date	Handling Unit	Tracking Number
03/14/2019	00306119430005645713	1ZY21F850394719

System Help

Delivery note 1416468653 Display: Header Details



**Delivered**


Delivered On **Wednesday 03/20/2019** at 9:34 A.M.

Send Updates

Shipment Progress

Overview Detailed View

	Date
Delivered	03/20/2019 9:34 A.M.
Out for Delivery	03/20/2019 8:29 A.M.
Shipped	03/14/2019 5:53 P.M.
Label Created	03/14/2019 12:01 P.M.

**GEBERIT** Chicago Faucets | Geberit North America Log Out | Contact 

Username:

Home > Order Status > Search Results > Order Details

### Order Status

Customer Number: 544945  
Customer Name:  
Address:  
City: JACKSONVILLE State: FL Zip:  
Salesman: House Account ()  
Entered By:

Customer PO Number: SAC 668623  
Order Number: 1411270057  
Order Confirmation: C1411270057  
Order Date: 01/08/2018

Consignee  
Address:  
City: SACRAMENTO State: CA Zip:

Line	Item	Order Qty	Status
0010	217-X245LJKABNF LH SLO-COMP FLO-CONTROL UNIT	5	Date: 01/15/2018, Quantity: 5, Tracking: 1ZY21F850390607723 Invoice: 1412321376, Packing List: 1416359509
0020	224-011JKABCP ADAPTER	5	Date: 01/15/2018, Quantity: 5, Tracking: 1ZY21F850390607723 Invoice: 1412321376, Packing List: 1416359509
0030	83-58ABNF HOSE & HANDLE ASSY, 58"	5	Date: 01/15/2018, Quantity: 5, Tracking: 1ZY21F850390607723 Invoice: 1412321376, Packing List: 1416359509

> Date Detail > Price Detail > Order Summary (.pdf) > Order Ship Summary (.pdf)

> Site Requirements Print

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Track Ask UPS

# Key Benefits – Capture Freight Costs

Outbound Delivery   Edit   Goto   Extras   Environment   Subsequent Functions   System   Help

Delivery note 1416468653 Display: Header Details

Ship-To Party: 544904

Shipment   Foreign Trade/Customs   Financial Processing   Administration   Partner   Texts   **Conditions**

Net: 0.00 USD  
Tax: 0.00

Pricing Elements										
N.	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Conditio
0001	ZFR0	Freight charges	22.46	USD	0		22.46	USD		

# Benefits Summary

- Operations
  - Available to Any Workstation
  - Ability to add shipping stations quickly
  - Shipping Manifest Reporting
  - Scale connections
  - Manifest Report
  - Custom Labeling
  - LTL Shipments
- Logistics
  - Upstream control of carrier determinations
  - User Level Configurations to accommodate changing needs
- Sales
  - Customer specific controls
  - Shipment cost capture for invoicing
- Customer Service
  - Linked Track & Trace

# Return on Investment

- Quick Investment Reclamation
- Sunset Multiple Programs & Databases
- Reduced hours of support
- Reduction of labor hours across departments
- Call center phone time reduction
- Streamlined shipping process
- No middleware required
- Less Returned Shipments



# What's Next

- Fiori
- Rate Shopping
- Supplier Portal

# Take the Session Survey.

We want to hear from you! Be sure to complete the session evaluation on the SAPPHIRE NOW and ASUG Annual Conference mobile app.



# Presentation Materials

Access the slides from 2019 ASUG Annual Conference here:

<http://info.asug.com/2019-ac-slides>

# Q&A

For questions after this session, contact us at  
[DeVario.Voltz@chicagofaucets.com] and [Martin.Garza@processweaver.com].

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