

RF PPPS Implementation at Sub-Zero Group, Inc.



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Today's Agenda

- ✓ Opportunity for Improvement
- ✓ Implementation
- ✓ Continued Deployment
- ✓ Q & A

RF PPPS

Service Parts / Sales Accessories

- Initiated through standard enhancement request
 - Help desk ticket to modify item sorting on pick list
- Investigation to gather requirements
 - Onsite in service department
- Determine if new process & technology is needed

RF PPPS

Service Parts / Sales Accessories

- Paper Pick List Process
 - Rip n Split Picking
- 5000 line items shipped a week
- 280 hrs a week picking
- 40 hrs a week shipping
 - Double shipping (COM and FedEx)

RF PPPS

Service Parts / Sales Accessories

- Base COM Green Screen Shipping
- 755 reprocessed orders a year
 - Under Quantity, wrong item, over quantity
- Using Pick List for Shipment Documentation
 - Marked up document
 - Pick Quantity, Picker's name, priority, notes, etc.

RF PPPS

Service Parts / Sales Accessories

- RF solution justification submitted to executives
 - Net Present Value
 - Customer Satisfaction
 - Project Implementation Plan
 - Core team identified

RF PPPS – Implementation

- Barcode Scanners and Software
 - 9 scan guns
 - Spare batteries, charging station, emulator software & operating system
- PPPS Licensing and Maintenance
- Consulting and training
 - 2 weeks of consulting services

RF PPPS – Implementation

- Internal Resources
 - IT BSA – 100 hrs
 - SP/SA Supervisor – 100 hrs
 - Scanner infrastructure – 10 hrs
 - Profile/System/Report setup – 10 hrs
- Training
 - 4 hours (1 hrs classroom, 3 hrs hands-on)
- FedEx Interface
 - 3 hours (FedEx tech support)

RF PPS - Implementation

- Enhancements
 - Zone Picking
 - Added From and To Locations
 - Cosmetic Screen Refinements
 - Item Description
 - Display open quantity on initial screen

RF PPPS – Implementation

- In full production immediately after training and turning on interfaces
- No drop in customer order fulfillment on ‘go live’
- Improvements seen by end of 1st week
 - Order accuracy (less corrections per pick)
 - Efficiency (less time per pick)

RF PPPS

Benchmarking Success!

- Volume consistent at 5000 line items a week
- 240 hrs/week in picking and shipping
- Elimination of paper, overtime and temps
 - \$2970/year in paper
 - \$20,280/year in overtime
 - \$11,960/year in temp employees

RF PPPS

Benchmarking Success!

- 70 reprocessed orders a year
- 9 steps to fulfill customer order
- Supervisors spend more time focusing on improving process

RF PPPS

Continued Deployment

- Affiliated Distributor Project
- Bring AD's onto XA
- Replenish Warehouse with Factory Inventory
 - ISL/MISL
 - Inter Factory Transfers
- Fulfill Customer Order Demand
 - CFL to fulfill COM orders

RF PPPS

Continued Deployment

- ISL Volume
 - AD and Factory replenishment
 - 5,000 ISL Transfers a Month
 - 8 physical warehouses across 4 states
 - WI, AZ, IL, CA,

RF PPPS

Continued Deployment

- AD Volume
 - 300 Customer Shipment a week per AD
 - 1-30 line items per shipment
 - Finished goods and sales accessories
 - 2 warehouse personnel

RF PPPS

Continued Deployment

- AD Implementations
 - 4 hours setup, train per AD
 - 8 hours to recover volume

RF PPS

Continued Deployment

- RF PPS used at every distribution point within Sub-Zero Group, Inc.
- 7 more AD conversions through 2014
 - New York, New Jersey, Houston, Dallas, Charlotte, Atlanta & Orlando

RF PPPS

Continued Deployment

- Post Implementation Support
 - 1-2 service desk calls a month
 - Stuck picks and manifests
 - Service Desk Quote---
 - “ I’m never going to learn how this software works behind the scenes, because it never breaks”

RF PPPS

Ongoing Deployment

- RF Packing
 - Increase order accuracy to 99.9%
 - Packer checking Pick accuracy
 - Improved paperwork and labeling
 - International Documentation
 - BOM format Packing List

QUESTIONS

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Comments

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Thank You!

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