



GREEN
CLEAN
SUSTAINABLE

“Just in Time Inventory” Cost Savings Utilizing Mobile Supply Store & Neptune Suit Trials

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UniTech R3 Conference
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Mobile Supply Store



PPE



ENVIRONMENTAL



FIRST AID



FACILITY



CONFINED SPACE



PROT. CLOTHING



*UniTech's vast inventory
mobilized and dispensed
conveniently at your site.*

**"We bring the
warehouse to you!"**

**RADIOLOGICAL
INDUSTRIAL
FLAME RESISTANT
FIRST AID
RESPIRATORY**



UniTech Supply Services

UniTech is both a manufacturer of protective wear & accessories as well as a master distributor of over 80 leading manufacturers of high quality industrial & safety supplies.

The 3M logo, consisting of the letters "3M" in a bold, red, sans-serif font.The MSA logo, featuring the letters "MSA" in a bold, white, sans-serif font inside a green rectangular box.The HERCULITE logo, with the word "HERCULITE" in a blue, serif font and a small graphic of a person in a hard hat to the left. Below it, the tagline "Powered by Innovation • Proven by Performance" is written in a smaller font.The EXCEL logo, with the word "EXCEL" in a blue, serif font and a small graphic of a person in a hard hat to the left.The UTICOM SYSTEMS INC. logo, with the text "UTICOM SYSTEMS INC." in a white, sans-serif font inside a black rectangular box.The Bacou-Dalloz logo, with the text "Bacou-Dalloz" in a blue, sans-serif font and a small graphic of a person in a hard hat to the left.The Bradley logo, with the word "Bradley" in a bold, black, sans-serif font and a small graphic of a person in a hard hat to the right.The Aearo logo, with the word "Aearo" in a white, sans-serif font inside a blue oval.The CREWS AN MCR SAFETY BRAND logo, with the word "CREWS" in a blue, sans-serif font and a small graphic of a person in a hard hat to the left. Below it, the text "AN MCR SAFETY BRAND" is written in a smaller font.The Ansell logo, with the word "Ansell" in a blue, sans-serif font and a small graphic of a person in a hard hat to the left.The EAGLE logo, with the word "EAGLE" in a red, sans-serif font and a small graphic of a person in a hard hat to the left.The uvex logo, with the word "uvex" in a blue, sans-serif font and a small graphic of a person in a hard hat to the left.The Médique logo, with the word "Médique" in a red, serif font and a small graphic of a person in a hard hat to the left.The AOSafety logo, with the word "AOSafety" in a white, sans-serif font inside a red oval. Below it, the tagline "Beyond The Standard" is written in a smaller font.

Mobile Supply Store

The ***Mobile Supply Store*** (MSS) is a customized semi-trailer stocked with a complete line of health physics supplies, industrial safety apparel, equipment, fall protection, first aid kits, lockout/tagout systems and consumables.



“Just In Time” Inventory



HP/Safety consumable inventory delivered to site prior to the outage, eliminating the warehouse and associated charges



MSS Enhanced Features



- Durable Adjustable Racking Systems offering over 1,300 ft² of stocking area.
- The entire stock is bar-coded for easy control of inventory.
- 9 foot ceilings offer extended storage space.
- Trailer has a store “map” of product locations.

MSS Enhanced Features



- Fluorescent lighting throughout the trailer.
- Translucent ceiling illuminates the trailer without the need for electricity and will light trailer even when the doors are closed.

MSS Enhanced Features



- Durable steel stairway has hand rails to help prevent slips and falls.
- Rear loading dock with side rails and safety chain allows forklift to access product.
- Rolling staircase for safe handling of product on upper shelf units.

MSS Enhanced Features

- Explosion-proof under trailer lighting system for enhanced security.
- Lighting system on automatic timer



MSS Enhanced Features

- Third party security search and seal eliminates the need for utilities to send guards to seal MSS trailer prior to arriving on site
- X-ray Machine on site at our Morris, IL distribution center



Short & Long Term Placements



Delivered to the job site for to support special short term projects (e.g. outages)

Delivered to your facility for a more permanent safety store with scheduled restocking shipments.



Meetings

- Meet 60-120 days prior to outage to finalize customized order form.

Sample Mobile Supply Store Order Form

Customer:											Ordered By:			Date Needed:			Outage Start:		
Category	Description	Part Number	Size	Unit Issue	Quantity Requested	Total Quantity Delivered	Qty Returned	Qty Used	Purchase Cost	Storage Location									
Standard Item	Poly/Cotton Splash Protection Apron with Sleeves, 42 1/2inL x 55 1/2inW	APRON-05B-YW:10	N/A	each		-		-											
Standard Item	Laundry Bag, Marked Cloth Only in Top Seam, 32in. W x 36inD x 20in round bottom, White 200 Denier Nylon, Web Top and Side Handles, 4in PVC Window Seam to Seam, CRM Logo Below Window	BAG-07CLOTH-WH:10	N/A	each		-		-											
Standard Item	Laundry Bag, Marked Cool Tech Scrubs Only in Top Seam, 32in. W x 36inD x 20in round bottom, Blue 200 Denier Nylon, Web Top and Side Handles, 4in PVC Window Seam to Seam	BAG-07COOL-BL:10	N/A	each		-		-											
Standard Item	Laundry Bag, Marked Rubber Only in Top Seam, 32in. W x 36inD x 20in round bottom, Red 200 Denier Nylon, Web Top and Side Handles, 4in PVC Window Seam to Seam, CRM Logo Below Window	BAG-07RUB-RD:10	N/A	each		-		-											
Standard Item	Collapsible Round Bag Stand, 3/8 in steel Wire, 18in dia x 28in H, Black	BAG-07STAND-BK:10	N/A	each		-		-											
Standard Item	HP Belt Bag, with Zipper Top, Caution Radioactive Material, Stencil and Rad Symbol on the Bag, Yellow 400 Denier Impervaguard Nylon	BAG-96YW:10	N/A	each		-		-											
Standard Item	Exelon Spec. Bag, White, 200D Coated Nylon, Round Bottom, Side & Bottom Handles, Ladder Lock Webbing Closure, Top In & Middle Out Yellow Band Printed Caution Radioactive Material -Protective Clothing	BAG-EX05A:318	38in x 45in	each		-		-											
Standard Item	Coverall, ProTech, Yellow, Knit Wrist Cuff, Open Ankle, Non-Metallic Zipper	COV-21A-YW:30	Small	each		-		-											
Minimum Purchase Percentage Required (% of Delivered Value):				50%	\$	-	Sub-Total Purchased:			\$	-								
Shipping & Handling Charge:				5.0%				Shipping & Handling:			\$	-							
							Invoice Total:			\$	-								
Ordered By:		Signature:						Date:											
Received By:		Signature:						Date:											



Customized Product Selection

Product selection is easy!

We will provide a detailed database of inventory for specific item selection.

Or we will make recommendations based on our preferred agreements with vendors to save you even more money!



14" Launderable Gloves

GripTech Gloves

SPECIALLY DESIGNED FOR SAFETY AND EASE OF USE

WE HAVE A GLOVE TO FIT YOUR SPECIFIC NEEDS!



UniTech's GripTech gloves are ready for tough work, easy wearing and long-lasting convenience. Comfortable polyester and extra-tough nitrile versions let you choose the protection you need for any job. Key features of all GripTech gloves include:

- Color-coded bands by size for easy identification
- Ergonomic curved design minimizes hand fatigue for comfortable extended wear
- Gloves are marked and color-coded "left" and "right" to facilitate sorting
- 14-inch extended cuff model available to improve seal and minimize the need to tape
- Breathable knit back helps keep hands cool
- Water-resistant dipped palm

- Reduce Usage of Cuffs/Sleeves
- Increase Dexterity
- Increase turns in laundry
- Reduce waste from single use disposable rubber program

Custom Covers, Carriers, and Bags



3M Versaflo TR-600

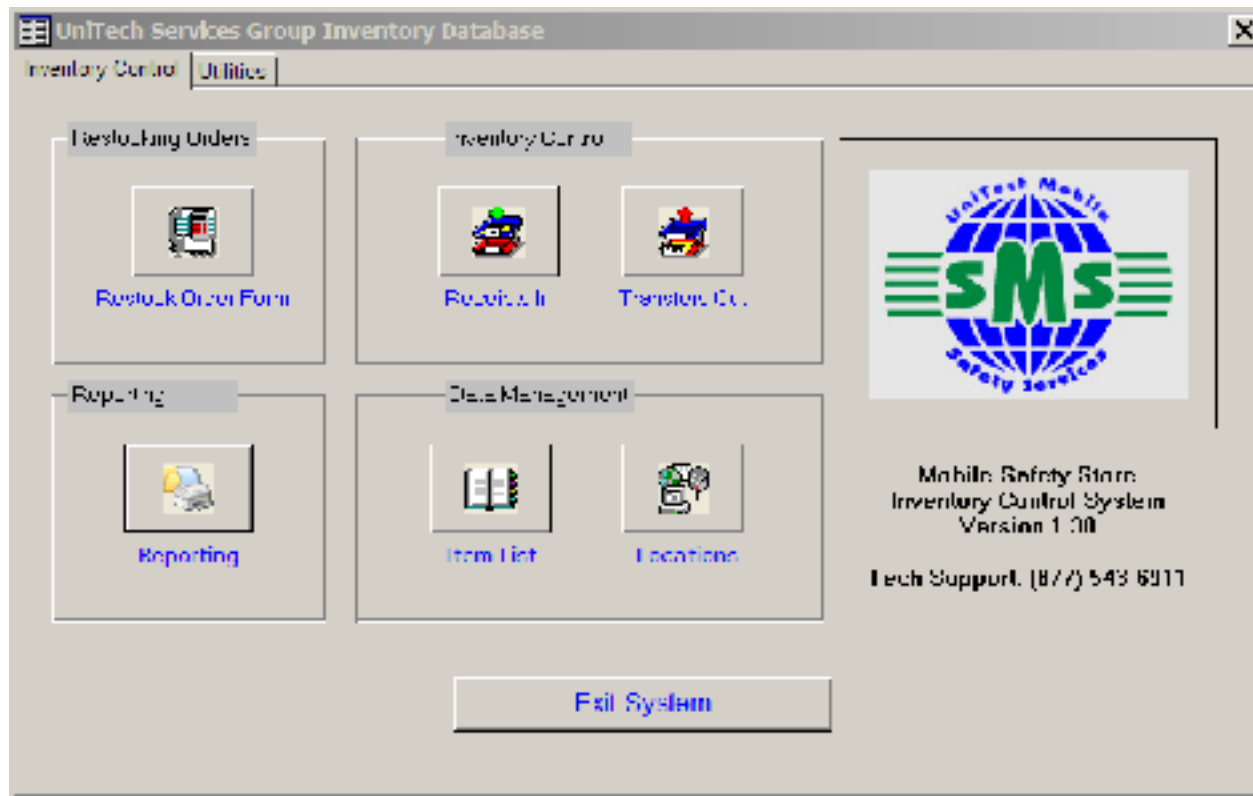


***3M Headtops
and
consumables
available on
MSS units!***



Inventory Control

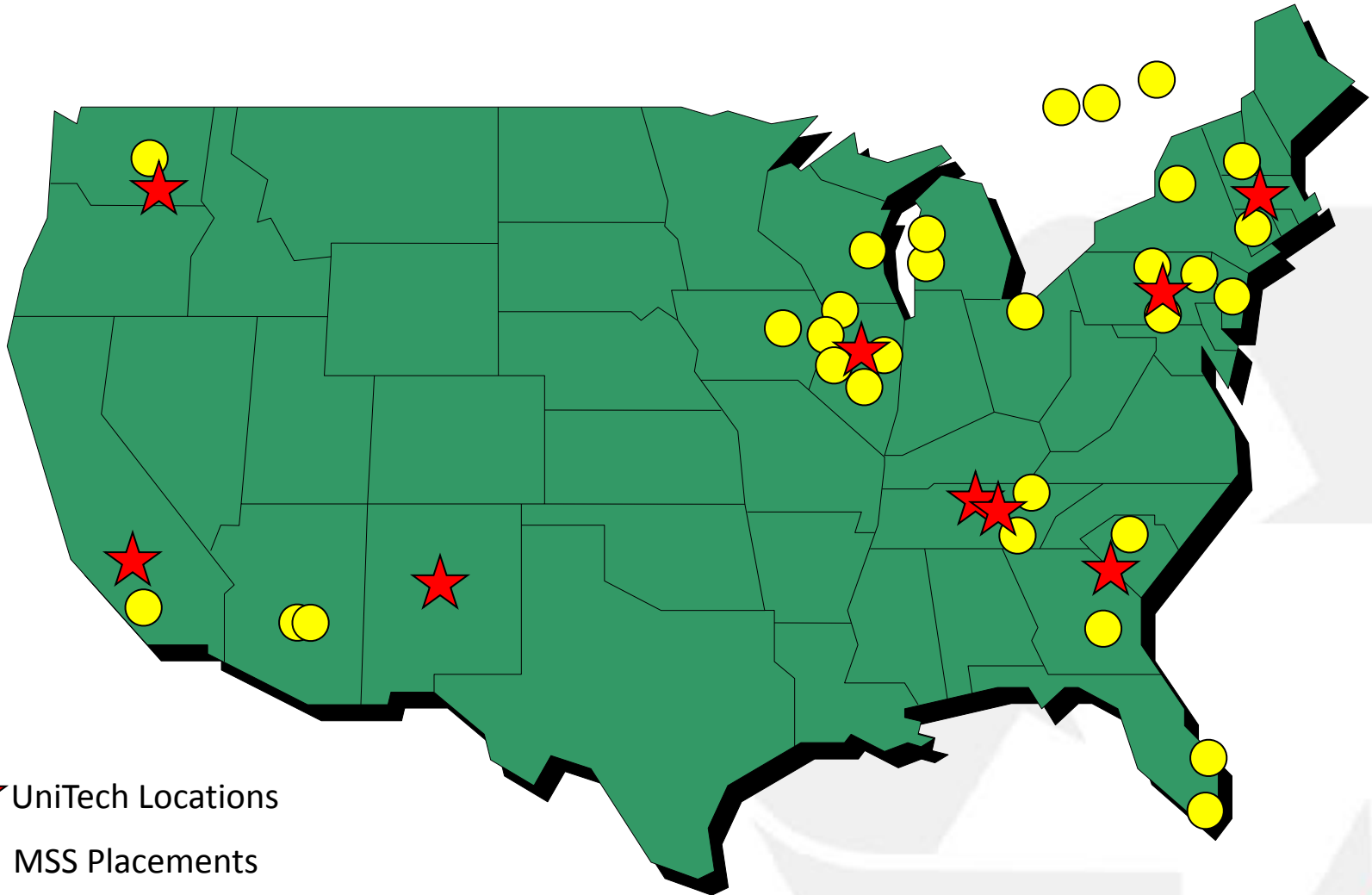
Our computerized inventory control system allows for separate billing based on your individual departmental needs



Reports detailing overall usage – broken down for any date range and any group!



 UniTech Locations
 MSS Placements



Dresden Experience

Dresden has used a temporary UniTech MSS placement (outages) for 10+ years!

Plans for Summer 2019 to convert from outage only (temporary placement) to permanent placement



Dresden Experience

UniTech Capabilities:

Ability to restock trailer based on min-max inventories via On-Board Inventory System. This can be done on regularly scheduled laundry shipments



Inventory Ordering Report




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Size	Quantity	Minimum Inventory	Maximum Inventory	Action Required	Amount to Order
APRON-05B-YW - Poly/Cotton Splash Protection Apron with Sleeves, 42 1/2inL x 55 1/2inW					
N/A	48 each	149 each	298 each	X	250 each
Item Total:	48 each	149 each	298 each		250 each
BAG-07RUB-RD - Laundry Bag, Marked Rubber Only in Top Seam, 32in. W x 36inD x 20in round bottom, Red 200 Denier Nylon, Web Top and Side Handles, 4in PVC Window Seam to Seam, CRM Logo Below Window					
N/A	30 each	15 each	30 each		0 each
Item Total:	30 each	15 each	30 each		0 each



Dresden Experience

Ability to capture and summarize spend for each individual project or work order. Eliminates Waste in RP Department.

Location Summary Report				Page 1 of 3
Location:	CUS01 - SC1170066 - MSM Stem/Disc Vulnerability			 CUS01
Contact:	Chris Baker	Capital		
Phone #:	123.456.7890	Fax #:		
Work Package:	TBD			
Location:	CUS02 - SC2119819 - CSCS Project (Pumps, Strainers, Valves, Piping, & Heat Exchangers)			 CUS02
Contact:	Chris Baker	Capital		
Phone #:	123.456.7890	Fax #:		
Work Package:	TBD			
Location:	CUS03 - SC2110163 - HD Controller Upgrade			 CUS03
Contact:	Chris Baker	Capital		
Phone #:	123.456.7890	Fax #:		
Work Package:	TBD			



Dresden Experience

Sample transfer to RR Seal Replacement Project

MSS-719TR003

Transfer Number: MSS-719TR003 Date: 3/5/2019

To Location: CUS15 From Location: MSS-7

Notes:
Requested by John Doe, for RR seal replacement

SKU	Size	Description	Quantity	On Hand
RS-3MEM-935:10	N/A	3M Versaflo Standard Facesal. 5 Each Per Case	10 case	25
Z-BAG-10BYW:10	N/A	Polybag, Yellow, 6 mil, 36in x 48in, Magenta Imprint Caution Radioactive M	20 roll	92
*				

Add New Delete

Save Cancel Delete Post Into Stock Close

Find a Past Transfer #: Find

Dresden Experience

Sample transfer to RR Seal Replacement Project

MSS-719TR004

Transfer Number: MSS-719TR004 Date: 5/7/2019

To Location: CUS15 From Location: MSS-7

Notes:
Requested by John Doe, RR Seal Replacement Project

SKU	Size	Description	Quantity	On Hand
▶ Z-BAG-10AYW:10	N/A	Polybag, Yellow, 6 mil, 18.5in x 26in, Magenta Imprint Caution Radioactive	10/roll	92
* [Empty]				

Add New Delete

Save Cancel Delete Post Into Stock Close

Print Add New

Find a Past Transfer #: Find

Dresden Experience

Sample transfer to RR Seal Replacement Project



Inventory Usage Report

All Transfers For: 5/7/2019 to 5/7/2019

Size	Date	Quantity	Cost	Value Transferred	From	To	Transfer#
Z-BAG-10AYW - Polybag, Yellow, 6 mil, 18.5in x 26in, Magenta Imprint Caution Radioactive Material on 4 sides and Trifold in 4 corners, Caution Radioactive material tag, magenta text, 100 per roll							
N/A	5/7/2019	10 roll	\$1.00	\$10.00	MSS-7	CUS15	MSS-719TR004
Total for Size:		10 roll		\$10.00			
Total for Item:		10 roll		\$10.00			
Total Product Cost for Period:				\$10.00			
Shipping Charge (5.00 %):				\$0.50			
Total Charge for Period:				\$10.50			



Dresden Experience

- **UniTech's ability to deliver product rapidly helps us succeed during outage and non-outage periods**
- **MSS Units delivered to site comes fully stocked from our customized order form meaning minimal impact to plant**
- **Ability to track spend for each project using On-Board Inventory System helps RP to control costs and project usage for future outages**



Reduce Costs

UniTech Supply Services can provide low cost, one stop shopping for all your safety and protective wear needs.

Our “Just in Time” inventory eliminates utility warehouse charges and handling fees



Estimated Savings Using MSS

By utilizing a UniTech MSS you eliminate the need for warehouse to order, stock, store, and handle the consumable products used during the outage. Typical costs for storing, handling, and receiving inventory exceed 15% of the purchase price. Also by ordering these items from one supplier you eliminate the purchasing costs associated with generating, issuing, following purchase orders, typically costing companies \$200 per purchase order. Having the MSS arrive already security inspected and with a fixed shipping fee you will have an additional 2%+ savings.

MSS Savings	
Average Outage Consumable Spend	\$150,000
Warehouse Fees (15%+)	\$22,500
Cost to cut PO	\$200
PO's cut if from 30 different vendors	30
Total PO cost	\$6,000
Shipping & Delivery (Saving 2%)	\$3,000
Total Outage Savings	\$31,500
Percent Savings	21%



Neptune Suit

UniTech/Exelon are actively working on a replacement to the Delta Suit used for under vessel work for a number of reasons:

- Supply Chain Issues with Delta Suit, manufactured overseas. Usually limited stock in US warehouses
- Expiration date of 2 years cause further supply chain issues
- Cost - Delta Suits cost nearly \$300.00 and are used once!



Neptune Suit

Morris, IL Bag Suit Trial – April 2019



Neptune Suit – Cost Comparison

Cost Comparison

<i>Delta Suit</i>	
Purchase Cost	\$250.00

<i>Neptune Suit</i>	
Suit Cost	\$92.00
3M Hood	\$72.20
Standard Adapter (reusable /25 uses)	\$6.70
Breathing Tube (reusable /25 uses)	\$1.95
Total 1st Use	\$172.85

Savings per use: \$77 or 31%



Questions?



***REDUCE, REUSE,
RECYCLE***

