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**Meeting The Needs of**

**The Nuclear Industry**



# Keeping pace with the nuclear industry

*We listen to our customers. We understand both the constant and the changing needs you face. That's why the nuclear industry turns to UniTech Services Group for many of its most important worker safety requirements.*



**ISO 9001 and 14001 Certified**

## **Radiological and industrial safety apparel services**

- Radiological laundry services
- Leasing programs
- Launderable apparel and accessories
- New UniWear disposable and dissolvable apparel
- New Colorsized™ program for easy size identification

## **Automated laundry monitors**

- Industry's leading laundry monitors
- Conveyor monitors

## **Decontamination and respirator services**

- Metal tool and decontamination services
- Respirator cleaning and recertification services

## **Off-Site HEPA air handling unit services**

- Repair and maintenance
- Storage
- Assessments and detailed maintenance history reports

## **New Mobile Safety Store program**

- Custom-packed trailer delivered directly to your site!
- Radiological and industrial safety apparel
- Broad range of accessories and consumable items
- Purchase and rental options available



# Apparel Services

## Radiological laundry services

UniTech is the world leader in radiological laundering and protective clothing programs. With strategically located facilities and a fleet of vehicles, we provide the dependability and high standards our customers demand.

- Our large wash capacities provide optimum mechanical agitation to enhance garment cleaning and guarantee rapid turnaround
- Each customer's garments are laundered separately and all process equipment is completely cleaned between customers, avoiding cross-contamination
- All garments are processed according to type and contamination level



## Garment leasing programs

Your primary business is not managing a protective garment program – ours is. With a UniTech leasing program, we manage garment inventory, storage, maintenance, and LLW disposal. What's more, you will reduce your costs for peak-need reserves, storage, inventory, maintenance, and capital financing. Consider UniTech's Hybrid "ONE" Program combining the protective and cost features of both our lauderable and single use products.



Microprocessor controlled chemical injection systems maximize cleaning efficiencies.



## Launderable apparel

UniTech creates the standard for nuclear protective clothing, from its innovative ProTech Plus garments to its anti C/FR series and Site Wear modesty/scrub garments. We also provide protective clothing shipping, storage and delivery services, as well as lab-tested, economical launderable bags and a range of important accessories from glove liners to launderable tarps, mops and wipers.

## UniWear single-use apparel

Especially during shutdown periods, some customers now want to utilize disposable or dissolvable apparel. UniTech's new UniWear is the premier line of disposable coveralls for the nuclear industry.

Our disposable SoftTech coverall provides maximum comfort and ease of wear.

ShieldTech is an unbeatable disposable barrier coverall.

UniTech has taken the lead in developing cost-effective, comfortable dissolvable garments for shutdown periods or everyday use. New DsolvTech Plus coveralls are a cost-effective PVA garment that provide both comfort and durability while offering the dissolvable waste option.

## New Colorsized program

Speed up dress-outs! UniTech's new Colorsized size identification program accelerates garment selection in change rooms. Rubber gloves, shoecovers and coverall sizes can be instantly identified through this color-coded ensemble system. Change rooms stay neater and require less maintenance.



## Automated laundry monitors

We address your laundry monitoring needs with dependable, precise laundry monitors. Our systems feature upper and lower banks of gas-flow detectors plus synchronized wire mesh conveyors to minimize the distance between detector and garment, and optimize counting geometry.

Alpha/Beta Laundry Monitor uses 100 cm<sup>2</sup> beta detectors and 600 cm<sup>2</sup> alpha detectors in a double offset probe arrangement. Each detector features its own on-board amplifier to maximize efficiency. PC-based counting instrumentation simplifies operation and allows higher inspection rates for any required monitoring sensitivity.

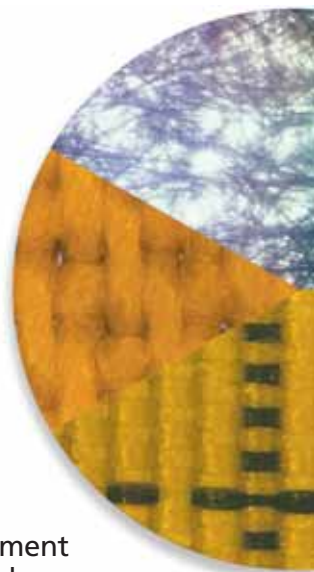
Low Activity Monitor (LAM 410) uses 410 cm<sup>2</sup> detectors and digital instrumentation for monitoring to very low levels of activity (such as free release criteria).



## R & D

UniTech's ongoing research and development provides:

- Proprietary wash formulas tailored to garment compositions, isotopic mixes and soil levels
- The industry's best fabrics and construction techniques



## Decontamination and respirator services

### Tool and metal decontamination

Our advanced metal and tool decontamination services feature cleaning methods such as hot water high pressure water laser, multi-media abrasive blast and CO<sub>2</sub>. We provide high recovery rates that dramatically reduce radwaste volume.

### Respirator services

Respirator services include cleaning, disinfecting, inspecting, and monitoring full-face respirators to comply with all NUREG 0041 requirements. We perform all respirator cleaning in an enclosed, negative pressure controlled environment. We offer respirator filter recertification and rental respirators.



## Off-Site HEPA air handling unit services

Portable HEPA air units are typically not maintained in a manner that supports their continued use.

That's why UniTech offers off-site HEPA ventilation and vacuum cleaner services, including maintenance, storage, repair, and testing. This includes complete

assessment of the units you have on hand and recommendations to make them completely operable. We keep a detailed maintenance history report on file for every one of the HEPA air handling units we service.



Don't tie up capital and storage space. Let UniTech manage your HEPA units.

## Mobile Safety Store program

UniTech can meet your on-site needs – including last-minute requirements – for a broad range of accessories and consumable items as well as radiological and industrial safety apparel. Our mobile safety store is a custom-packed trailer delivered directly to your site. Our unique programs allow you to pick the types of inventory you want in

your trailer, plus choose optional final radwaste disposal of single-use items and even elect to have an on-site coordinator for stock handling and endpoint delivery. Purchase and rental options are available. We are convinced that once you experience our mobile safety store, it will become an integral part of your safety supply program.



# Our Customers... Our Company

UniTech values and benefits from the input and experience of its customers. We were the world's first licensed radiological laundry in the 1950s, and we are the world's largest provider of radiological laundry and protective wear programs today. What's more, our commitment to meeting and anticipating customer needs has led us into the important new safety services, programs and products that we offer today. We are proud to serve our customers:

- Nuclear power reactors
- Naval shipyards
- D.O.E. facilities
- Fuel fabricators
- Private industry

UniTech is a subsidiary of UniFirst, one of North America's largest workwear and textile services companies. UniFirst employs nearly 8,000 people and serves over 150,000 customer locations in the United States, Canada and Europe.



## Licensed Facilities Worldwide



\*Future facilities planned

## UniTech Locations

### U.S.

Springfield, MA  
 Royersford, PA  
 Oak Ridge, TN  
 Barnwell, SC  
 Macon, GA  
 Morris, IL  
 Santa Fe, NM  
 Ontario, CA  
 Richland, WA

### EC:

#### Euro Nuclear Services

ENS, B.V., Coevorden, Netherlands  
 ENS, PLC Oakdale, United Kingdom  
 ENS, Ellgau, Germany



Certificate number 968/95



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A Subsidiary of UniFirst Corporation



Certificate number 968/95

**ISO 9001 & 14001 Certified**  
**ISOQAR, INC.**

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