

The **PolyTex** system is a new innovative application that provides a comprehensive and superior solution for dispensation, retrieval, and management of textiles, including uniforms, towels, garments, and more.

The system is based on a unique textile distribution method, developed and patented by **PolyTex Technologies**, a leading company with many years of experience and in-depth knowledge of the textile industry.



Provides Advanced Management and Control Features

The PolyTex system provides real time information and detailed reports about inventory status, consumption, and the condition of the system itself.

Prevents Costly Textile Losses

The PolyTex system effectively tracks usage and prevents losses through designated distribution of items using advanced textile identification technology.

Ensures Authorized Usage Only

Only authorized users can gain access to the PolyTex system, through use of personal ID cards.

Reduces Inventory Size

The effective and efficient distributive capacity of the PolyTex system eliminates the need for personally allocated items, saving over 40% of textile inventory costs.

Improves Availability of Services

The PolyTex system provides around-the-clock availability of services, supplying clean and ready-to-use items in sealed nylon bags.

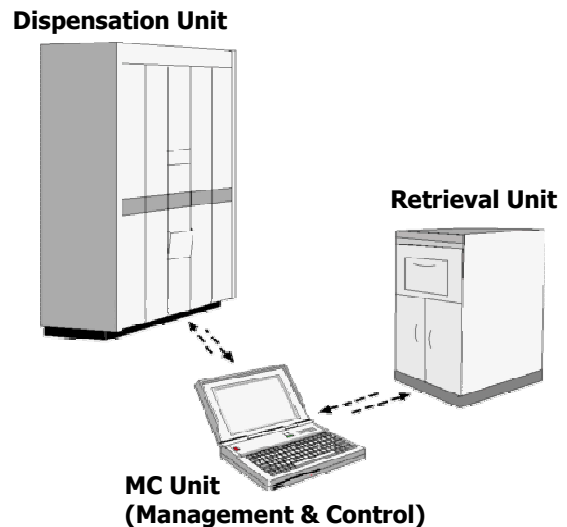
Decreases Human Resources and Storage Space

The PolyTex system decreases handling of textiles by staff and reduces storage space requirements.

Textile Items Life Cycle

The PolyTex System automates the entire textiles items life cycle:

1. The items return from the laundry and stored directly inside the Dispensation Unit without the need for additional storage space.
2. The users via their personal ID card can access the unit to get their desired items according to their authorization. The user's operations are recorded in the MC Unit (Management & Control) to enable real-time monitoring.



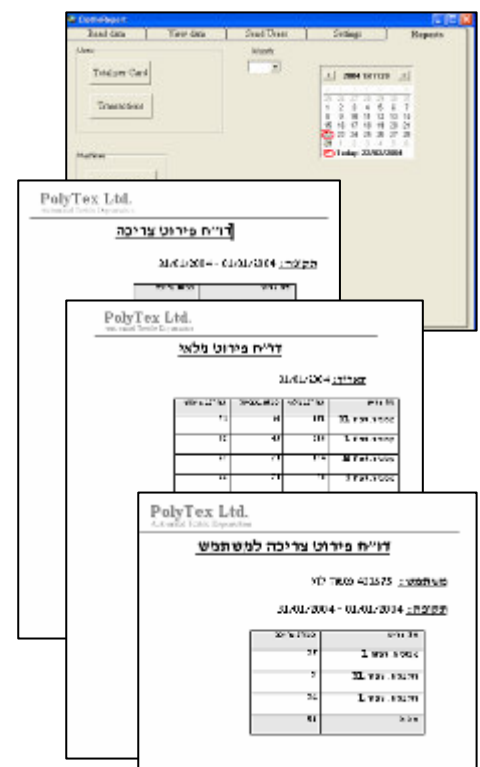
3. After using the textile items, the users return it to the Retrieval Unit which identifies the items based on its attached identification tags. These operations are also recorded in the MC Unit.
4. The soiled items are stored inside the Retrieval Unit until collected to the laundry.

Management & Control Abilities

The PolyTex system is directed by specifically designed software which collects data from all of the system's components.

Such data is used to provide real-time information about inventory status, consumption statistics, and system monitoring.

Furthermore, the software manages user privileges, ensuring controlled distribution of items.



Textile Dispensation Unit

The Textile Dispensation Unit stores and distributes items.

- Access is via a personal ID card
- Simple and easy-to-use control interface
- Fast dispensation of items is ensured (less than 10 seconds)
- Each unit stores over 1,200 items, with up to 16 variations in the size, color or type of items available (The smaller unit can store up to 600 items with 8 variations)
- Refilling of full unit is fast and simple (less than 10 minutes)
- Supports emergency conditions which demand rapid and immediate distribution.

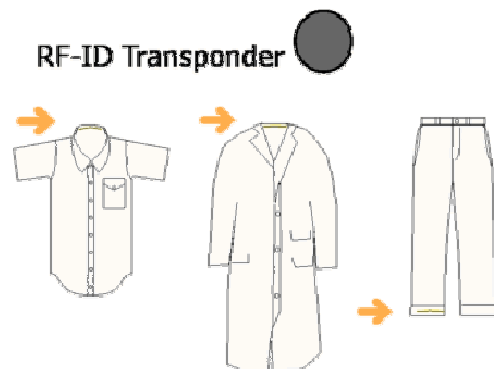
Unit size

Height:	2.2 m; 90"	The Textile Dispensation Unit requires an area of less than 5 square meters for full operation.
Width:	2.5 m; 100"	
Depth:	0.7 m; 30"	

Identification of Items

All items contain an electronic chip for identification purposes, allowing for monitoring of consumption, tracking of unreturned items, history of usage and treatment of an item, etc.

The chip utilizes RF-ID technology. Other identification technologies can be accommodated.



User Identification

The PolyTex system can only be accessed by authorized users who possess personal ID cards, allowing the system to be configured for designated dispensation in line with the individual user's needs.

The PolyTex system supports existing ID card technologies, avoiding the need for additional cards and costs.

Textile Retrieval Unit

Users return soiled items to the Textile Retrieval Unit, which monitors the return process by means of electronic chips attached to each item. The size and structure of the Textile Retrieval Unit may be altered to suit the client's consumption requirements and spatial limitations.

The PolyTex Distribution equipment is distributed in Europe by:

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