



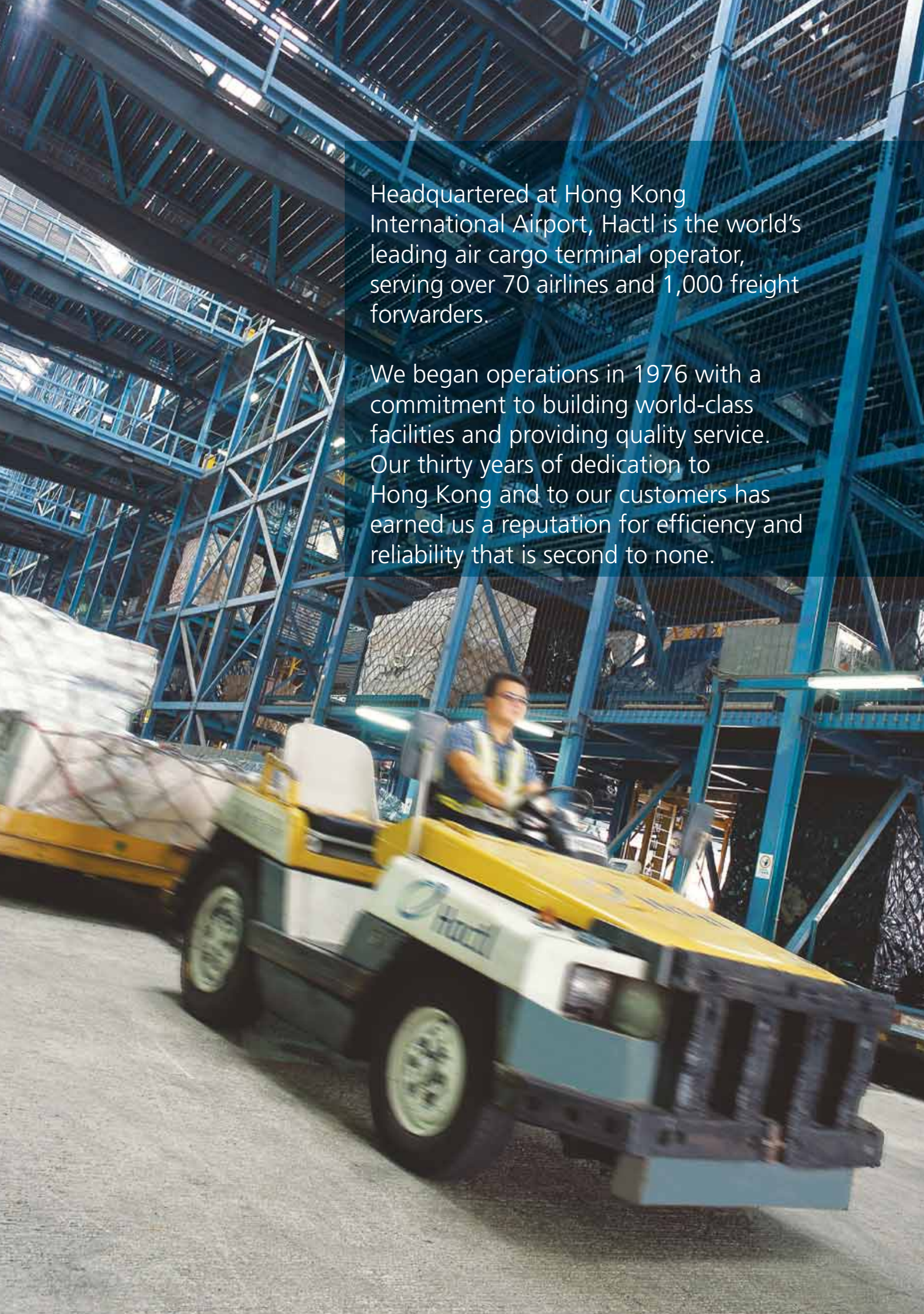
# SuperTerminal 1 –

**The world's largest** air cargo terminal at your service



Moving forward with you



A photograph of a worker operating a yellow Hactl trolley in a large, multi-level industrial facility. The structure is made of blue steel beams and walkways. The worker is wearing a blue shirt and a high-visibility vest. The trolley is carrying a large, wrapped load. The scene is brightly lit, and the overall atmosphere is one of a busy, modern industrial environment.

Headquartered at Hong Kong International Airport, Hactl is the world's leading air cargo terminal operator, serving over 70 airlines and 1,000 freight forwarders.

We began operations in 1976 with a commitment to building world-class facilities and providing quality service. Our thirty years of dedication to Hong Kong and to our customers has earned us a reputation for efficiency and reliability that is second to none.





## The largest air cargo terminal in the world, SuperTerminal 1 is remarkable in scale, design and performance.

At the heart of the flow of cargo at Hong Kong International Airport – the world's leading international air cargo hub – is SuperTerminal 1. Built, owned and operated by Hactl, SuperTerminal 1 is a mammoth infrastructure – a US\$1 billion investment with a potential to handle 3.5 million tonnes of cargo per annum. This ultra modern, six-floor complex has integrated automated handling systems throughout, designed with a single objective in mind: to handle your cargo with the utmost precision and efficiency.





SuperTerminal 1's automated handling systems are the world's finest example of logistics technology.



Stretching from the eastern to western perimeters, and rising to the same height as the terminal building, the Container Storage System (CSS) is fully automated and provides a direct and sheltered interface with the airside, allowing cargo units and pallets to move swiftly between the system and the tarmac. In addition, the CSS offers:

- More than 3,500 fully automated and highly secure storage positions
- 12 computer-controlled stacker cranes for moving pallets and units within the system
- Direct linkage with cargo break-down / build-up workstations via 72 overhead bridges



The Box Storage System (BSS) is another example of advanced logistics technology. Located at the heart of the terminal building, the BSS automates the movement of bulk cargo in the terminal building without the need for human intervention.

The BSS also offers:

- 10,000 storage positions for bulk cargo
- A direct link with the Customs Examination Hall (rendering it a customs-bonded area with maximum security)
- A fully automated system connecting directly with cargo release and acceptance points

Around these two operating systems is an intricate network of conveyor loops, computer-controlled cranes and cargo hoists – all working seamlessly to ferry cargo between floors and processing workstations, and ensuring that your cargo is processed with unprecedented reliability, security and efficiency.

SuperTerminal 1 is purpose-built to process every kind of cargo imaginable.





SuperTerminal 1 is equipped with wide-ranging facilities to handle not only mainstream shipments, but also special cargo types to meet your specific needs. Our holistic range of cargo handling facilities include:

- **Perishable Cargo Handling Centre:**

Located adjacent to the cargo apron, enabling direct transfer to the truck dock for timely release

- **Refrigerated Cargo Centre:**

The cool room and freezer room help your cargo stay cool and fresh even in the hot and humid summer climate of Hong Kong

- **Valuable Cargo Handling Centre:**

Ultra-secure, custom-designed strong room with dedicated armoured vehicle loading zone

- **Dangerous Goods and Radioactive Goods Store:**

Ensures safe handling of all dangerous goods from category 1 to 9

- **Mini-Shipment Centre:**

Facilitates fast acceptance and release of mini-shipments

- **Twenty-Foot Container Handling Centre:**

Caters to the needs of out-sized cargo

- **Livestock Handling Centre:**

Designed to meet the most stringent requirements for safety and protection of travelling animals

- **ULD Centre:**

Expedites the release and handling of your ULDs

- **Express Centre:**

This two-storey building is dedicated to the needs of integrators



## Our attention to security results in one of the world's lowest rates of terminal pilferage.

With millions of dollars worth of cargo being processed every day at SuperTerminal 1, cargo security takes high priority. All shipments are policed 24 hours a day by a 250-strong security force maintaining the first line of defense. Their vigilance is reinforced by an extensive network of sensors, an intruder detection system and a rigorous access control system with more than 120 control points and over 700 CCTV cameras to monitor access into the restricted areas. The integrity of this security network is enforced by Hactl's Security Control Office round-the-clock surveillance, which ensures that your cargo remains completely safe and intact at SuperTerminal 1.







## Value-added facilities to complete the full spectrum of world-class offerings.

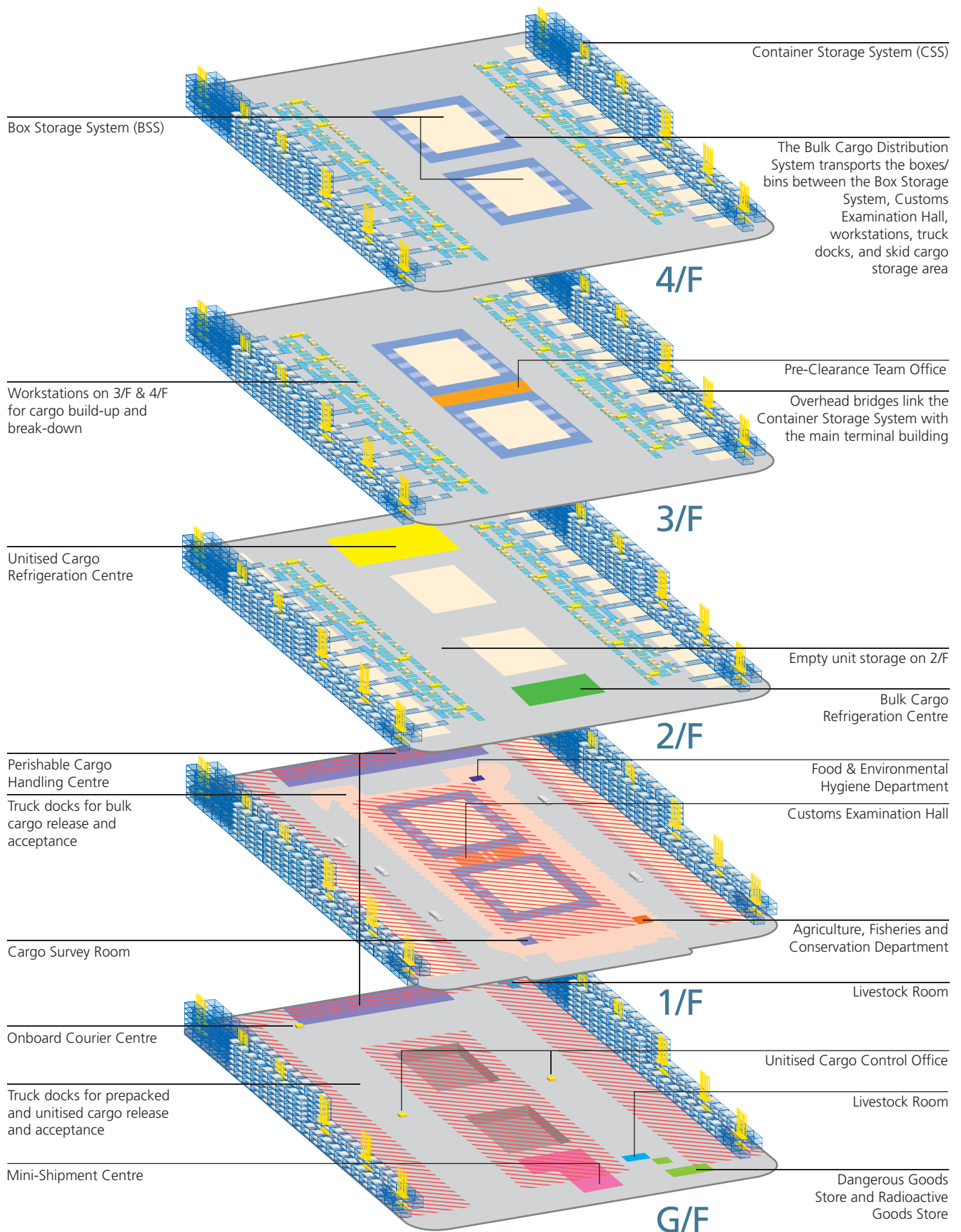
SuperTerminal 1 offers a host of landside facilities designed to provide complete one-stop convenience for you and your customers. The Customer Service Hall offers a dedicated area where your cargo agents can handle import and export documents (close to the area where cargo is accepted and released). Ample truck docks are available at the cargo release and acceptance area for both bulk and prepacked cargo, providing maximum handling efficiency for both your agents and cargo.

Your cargo agents will also benefit from the close proximity of the Customs Examination Hall – a major facility provided by Hong Kong Customs for cargo clearance and examination.

Designed to facilitate communication between your business partners and maximize cargo operation efficiency, office accommodation is available for cargo handling staff, freight forwarding agents and government departments in the two-block office complex connected to SuperTerminal 1's cargo handling area.



# SuperTerminal 1's Cargo Handling Area



 Tenant Restricted Area  
 2/F - 4/F are Tenant Restricted Areas





# Major Facts and Figures

## Overview

Initial Investment	US\$1 billion
Potential Handling Capacity	3.5 million tonnes (P.A.)
Total Floor Area	328,702 sq. metres
Total Site Area	171,322 sq. metres

## Airside Facilities

• Airside Transfer Frontage	1,940 metres
• Number of Normal-Sized Pallet Dolly Positions	938

## Landside Facilities

• Number of Truck Docks	
- For Bulk Cargo	226
- For Prepacked Cargo	53
- For Perishable Cargo	60
- For Empty ULD Release	14

## Special Cargo Handling Facilities

• Express Centre	
- Airside Transfer Frontage	336 metres
- Number of Truck Docks	87
• Refrigerated Cargo Centre	
- For Unitised Cargo	1,550 sq. metres
- For Bulk Cargo	755 sq. metres
• Dangerous Goods Store	166 sq. metres
• Radioactive Goods Store	43 sq. metres
• Valuable Cargo Handling Centre	333 sq. metres
• Livestock Handling Centre	1,725 sq. metres
• Livestock Room	162 sq. metres
• Twenty-Foot Container Handling Centre	140 Twenty-Foot ULD positions

## Cargo Handling Equipment

• Number of Automatic Transfer Vehicles	40
• Number of Workstations	362
• Number of Empty ULD Standard Positions	1,803



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