

Automated Transport Systems

For the Healthcare Industry



Join the Growing List of Hospitals Who Have **Saved Millions**

ATLIS 3000

Automated Transport System

Automated Delivery to and from Central Distribution and Patient Floors

Fully Automated Delivery of:

Dietary Trays
Pharmaceuticals
Surgical Supplies
Linens
Trash
Surgical Waste

Automatically Interfaces with:

Elevators
Cart Washers
Automatic Doors
Paging & Fire Alarm Systems
Warehouse Management Systems

Tracks All Movement:

In Central Supply
On Each Patient Floor
At Dietary
Through the Cart Washer
At the Waste Docks
Onboard the ATLIS 3000

The ATLIS 3000 is a direct replacement for AMSCAR ATS Systems and Overhead Monorail Systems



The ATLIS 3000 System at Work

Task: Deliver surgical supplies cart from Central Supply to Surgery

1 Operator positions full cart of surgical supplies in a designated pick up location



2 The Host PC receives the request for cart movement by an operator using a handheld PC/PDA or touch screen, or automatically by an overhead sensor.

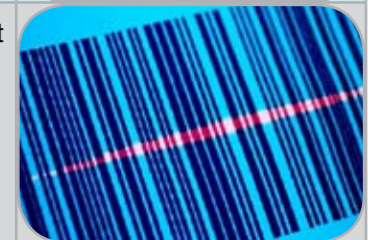


3 The Host PC compares this order's priority level to other requests, and dispatches the closest available vehicle to complete the task.

The host PC interfaces with the elevators and automatic doors to facilitate movement of the carts.



4 The ATLIS 3000 vehicle is equipped with an array of sensors which allow it to safely navigate unmanned throughout the facility. Once the vehicle arrives at the pick up location an onboard barcode scanner reads a barcode located on the cart to verify it will be taken to the correct location.



5 The vehicle notifies the Host PC upon arrival at the pickup and delivery points. All cart movements are recorded in the ATLIS 3000 database.



6 The surgical supplies arrive at the OR on time as planned.

The Host PC maintains a permanent record of the cart movements which are summarized in custom reports.



ATLIS 3000 System Benefits

Return on Investment

The system delivers a quick return on investment by reducing labor and inventory costs, eliminating time wasted looking for supplies, and improving efficiency.

Patient Care

Automatic transportation of materials & supplies in the hospital frees staff, allowing them to spend more time in direct contact with patients and improve patient care.

Flexibility

System administrators can optimize system response time by staging vehicles at Dietary before meal delivery, adjusting battery charge times to allow maximum number of vehicles available for peak usage, using the Layout Wizard software to adjust vehicle guide paths, and monitoring the entire ATLIS system using the handheld PC.

Safety

Employees spend less time transporting carts reducing the potential for work related injuries.

Security

Only authorized personnel using identification cards can access the ATLIS 3000 system to transport materials. Unauthorized removal of materials is also monitored through sensors onboard the vehicle.

Accuracy

The right materials are delivered to the right place at the right time. The system prioritizes material requests in order of importance ensuring materials always arrive on time. The onboard barcode scanner ensures the correct loads are transported and prevents material distribution errors.

