



ABOUT SAVANT AUTOMATION

Savant Automation is a full service AGV / AGC system provider. We engineer and manufacture the product in Grand Rapids, MI. Our focus is on standard product, field proven designs. Our staff averages 20 years working together in the AGV business providing systems for all industries and environments.



Automated Hospital Cart Transportation Systems

Solutions for Reducing Labor Costs and
Better Managing Product Delivery



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Automated Cart Transporter

Savant Automation provides automated material transport systems for a variety of needs within the healthcare and hospitality industries. Whether it's supplies, food, linens or trash, our automated cart transporter system provides a consistent and reliable delivery process. Reducing the dependency on personnel to perform simple and redundant tasks not only increases efficiency, it provides safer and more cost-effective transportation of materials.

Savant's automated transporter utilizes internal navigation technology which eliminates the need for floor tape, wall mounted reflective targets, and floor marker grids. The vehicles follow an easily created 'virtual' path map stored in their onboard memories.

DRIVE UNDER 'TUNNEL' CART TRANSPORTATION

The Savant automated cart transporter has an extremely low profile allowing it to drive under pre-positioned hospital carts. This is ideal for hospital cart transportation systems and applications where carts need to be picked up and dropped off automatically. Safety rated sensors insure vehicle stops for objects and people encountered along its route.



AUTOMATED DELIVERY OF:

- LINENS
- DIETARY / FOOD SERVICE
- PHARMACEUTICALS
- SUPPLIES
- MEDICAL WASTE & TRASH

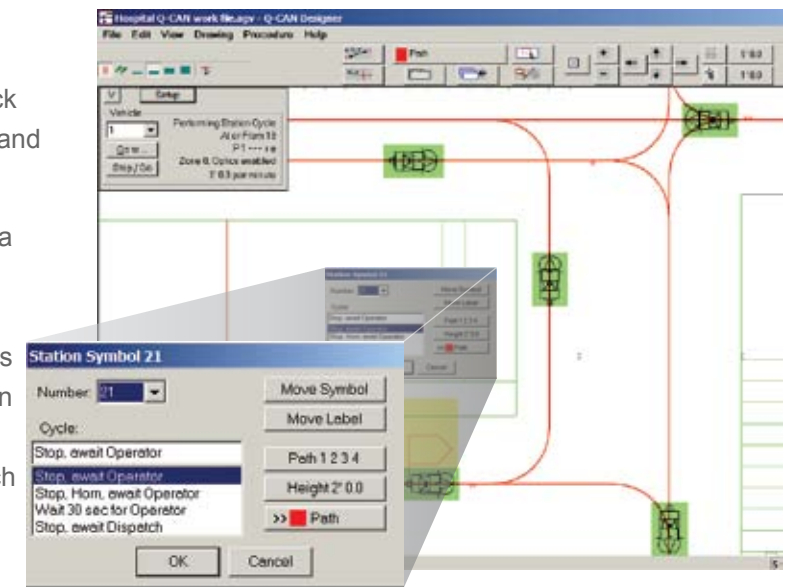
INTERFACES WITH:

- CART WASHING STATIONS
- ELEVATORS
- PAGING & FIRE ALARM SYSTEMS
- FACILITY MANAGEMENT SYSTEMS
- AUTOMATIC DOORS

SIMPLE, EASY-TO-USE TECHNOLOGY

Transform your manual, people-intensive cart transportation process into a highly-efficient and automated system with quick payback—substantially reducing your annual operating costs and helping your bottomline.

Think of the new process as a horizontal elevator which uses a corridor-based route instead of a vertical shaft route. You will select corridor destinations for the automated cart transporter similar to a person selecting elevator floor destinations. Just as technology has eliminated elevator operators, implementing an automated cart transportation system allows you reduce the dependency on using personnel to handle repetitive tasks such as moving carts around your facility.



BENEFITS

- Quick, simple implementation by maintaining same processes and movement routes currently handled by personnel
- Substantial savings through reduced labor costs
- Minimal downtime and no personnel issues allow for consistent and reliable performance
- Improved process and control with cart tracking capabilities

SYSTEM COMPONENTS

- Battery-powered vehicle(s)
- Small, inconspicuous, flush-mounted floor markers
- CAD map of virtual route
- Your existing carts (linens, food, supplies, etc.)

USER-FRIENDLY CONTROLS: QUICK CONFIGURABLE AUTOMATION (Q-CAN®)

With Savant's optional Q-CANDesigner™ PC program you can easily create or change an automated cart transportation virtual path, locate station destinations and define traffic flow priorities.

Simple PowerPoint-like drawing tools require no software knowledge or expertise. Once created, you can demo system operation on your computer screen. When desired setup is complete, simply download file to automated cart transporters and your system is ready for use.



Need to make changes? Launch Q-CANDesigner, make necessary modifications, preview and transfer new logic to the system.

It really is that simple.

Contact us today for concepting and pricing or to schedule a demo

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▲ Onboard or remote destination selection

110V AC plug-in or automatic charging ▼

