

Quick Configurable Automation For Automatic Guided Vehicle/Automatic Guided Cart Systems

- **AGV/AGC Wireless Path and Operation Configuration Requiring No Software Knowledge**
- **Microsoft Windows Based PC Program**
- **Can Create PC Model of an AGV System Running In Your Facility**

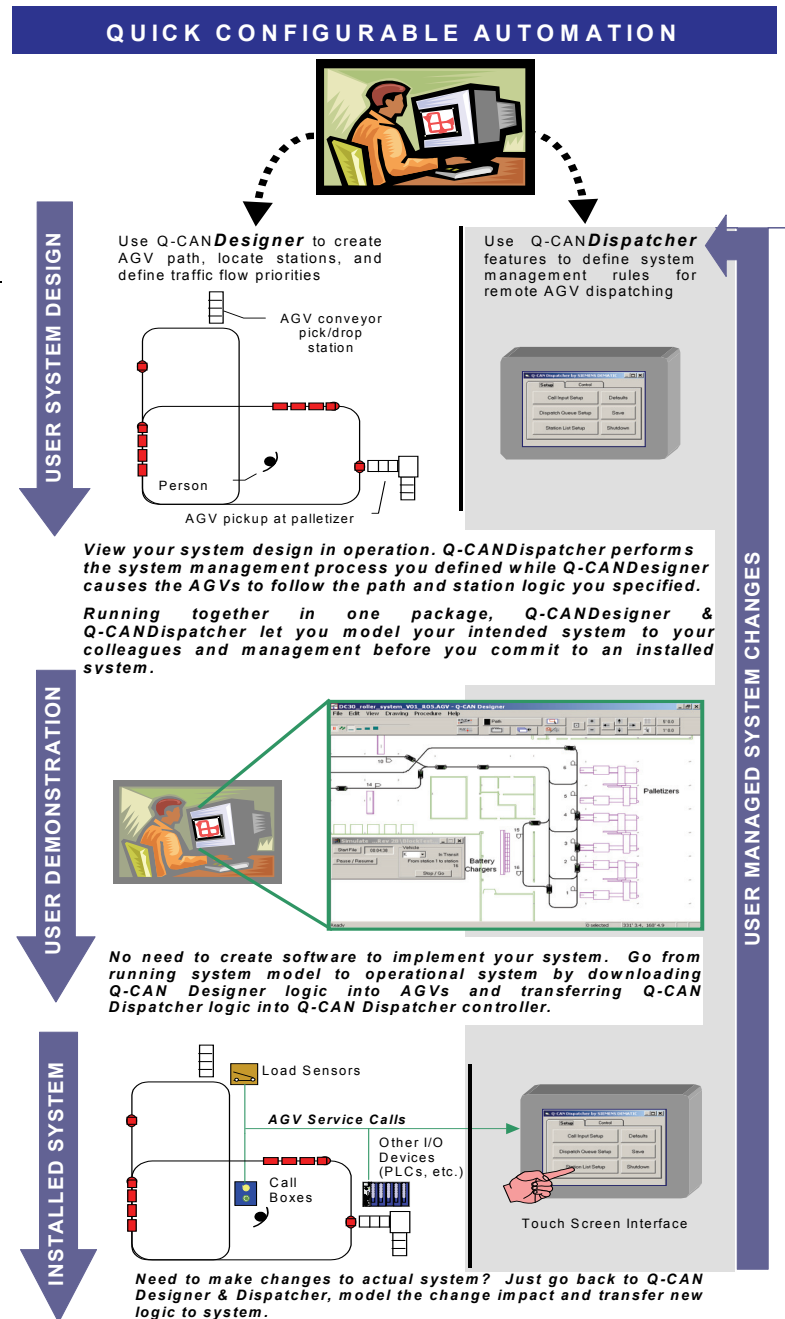
Q-CAN® = Quick Configurable Automation

Q-CANDesigner is part of a comprehensive AGV program package designed to provide an easily configurable AGV system. Quick Configurable Automation also includes Q-CANDispatcher® (see figure at right).

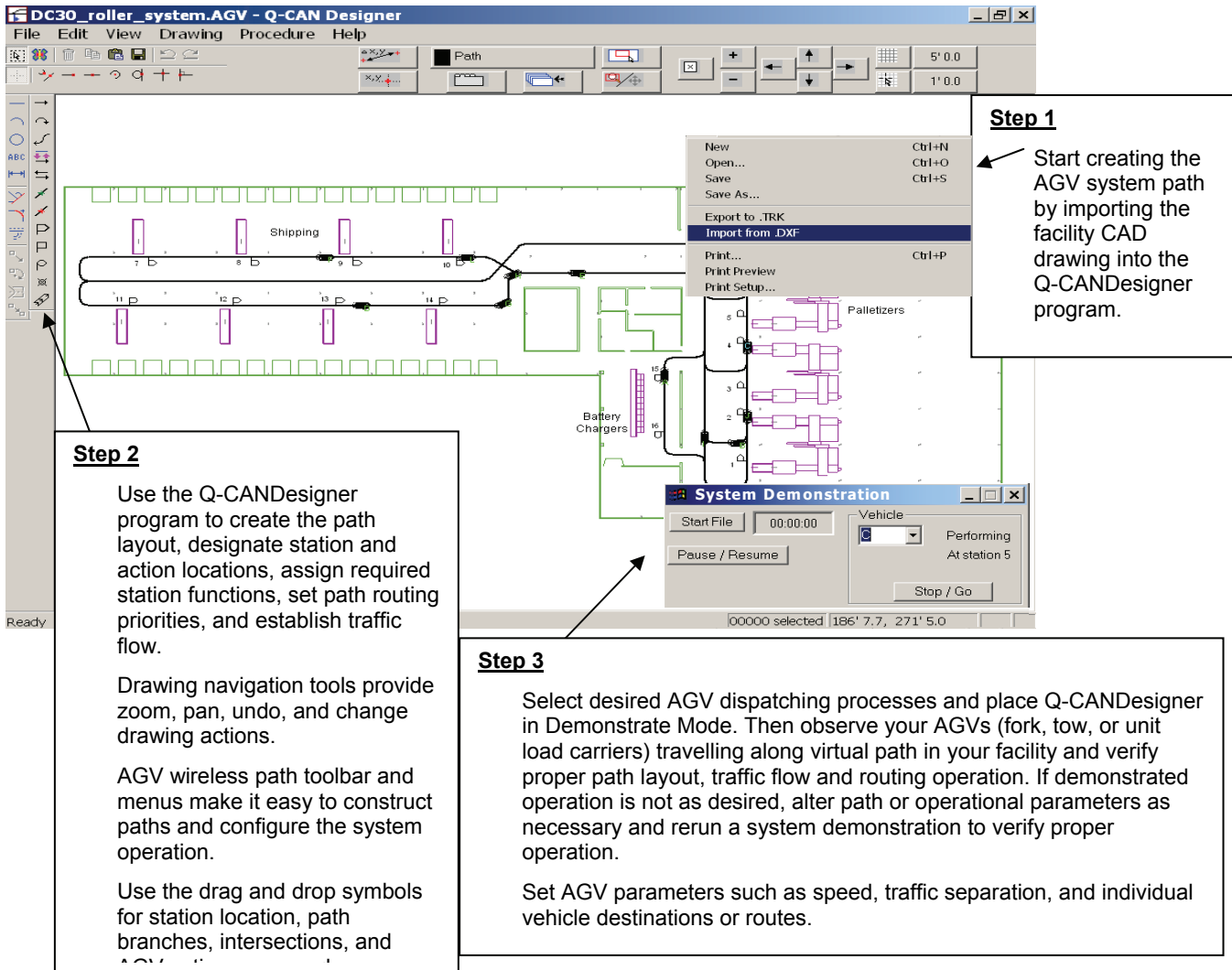
- Q-CANDesigner provides easy non-wire AGV path layout and configuration.
- Q-CANDispatcher is used in AGV systems where remote AGV call and dispatch functions are required.
 - Q-CANDesigner is a standard PC program used to create AGV system designs.
 - Q-CANDesigner provides for quick, easy AGV system design and configuration.
 - Q-CANDesigner allows AGV system users to re-configure the AGV system layout or operation without writing software code while minimizing/eliminating AGV vendor dependence.
 - Q-CANDesigner interfaces with Q-CANDispatcher when performing a system demonstration.

Standard Program Features

- DXF file import (plant layout drawing)
- CAD drawing tools
- Design verification and testing
- System demonstration
- File export of vehicle software



Build a computer model of a wireless AGV system for your facility. View its operation in a system demonstration on your own PC.



The screenshot shows the Q-CAN Designer software interface. The main window displays a facility layout with a path layout. A menu is open, showing options like 'New', 'Open...', 'Save', 'Export to .TRK', and 'Import from DXF'. A 'System Demonstration' window is also visible, showing a timer and a 'Vehicle' dropdown menu. Three callout boxes provide instructions for using the software.

Step 1
Start creating the AGV system path by importing the facility CAD drawing into the Q-CANDesigner program.

Step 2
Use the Q-CANDesigner program to create the path layout, designate station and action locations, assign required station functions, set path routing priorities, and establish traffic flow.

Drawing navigation tools provide zoom, pan, undo, and change drawing actions.

AGV wireless path toolbar and menus make it easy to construct paths and configure the system operation.

Use the drag and drop symbols for station location, path branches, intersections, and

Step 3
Select desired AGV dispatching processes and place Q-CANDesigner in Demonstrate Mode. Then observe your AGVs (fork, tow, or unit load carriers) travelling along virtual path in your facility and verify proper path layout, traffic flow and routing operation. If demonstrated operation is not as desired, alter path or operational parameters as necessary and rerun a system demonstration to verify proper operation.

Set AGV parameters such as speed, traffic separation, and individual vehicle destinations or routes.

Q-CANDesigner features numerous AGV system design aids:

- Graphical user tools for automating system design
- Microsoft Windows based program
- Easy to learn (user manuals, user training ware, and help menus)
- Integrated design features

Q-CANDesigner provides the following AGV system benefits:

- Reduced system design effort and cost
- AGV system design creation, error checking, demo-simulated operation, and documentation
- No system software de-bugging
- Users can change their system layout and operation

NOTE Specifications are subject to change without notice based on product improvements and/or technical requirements.