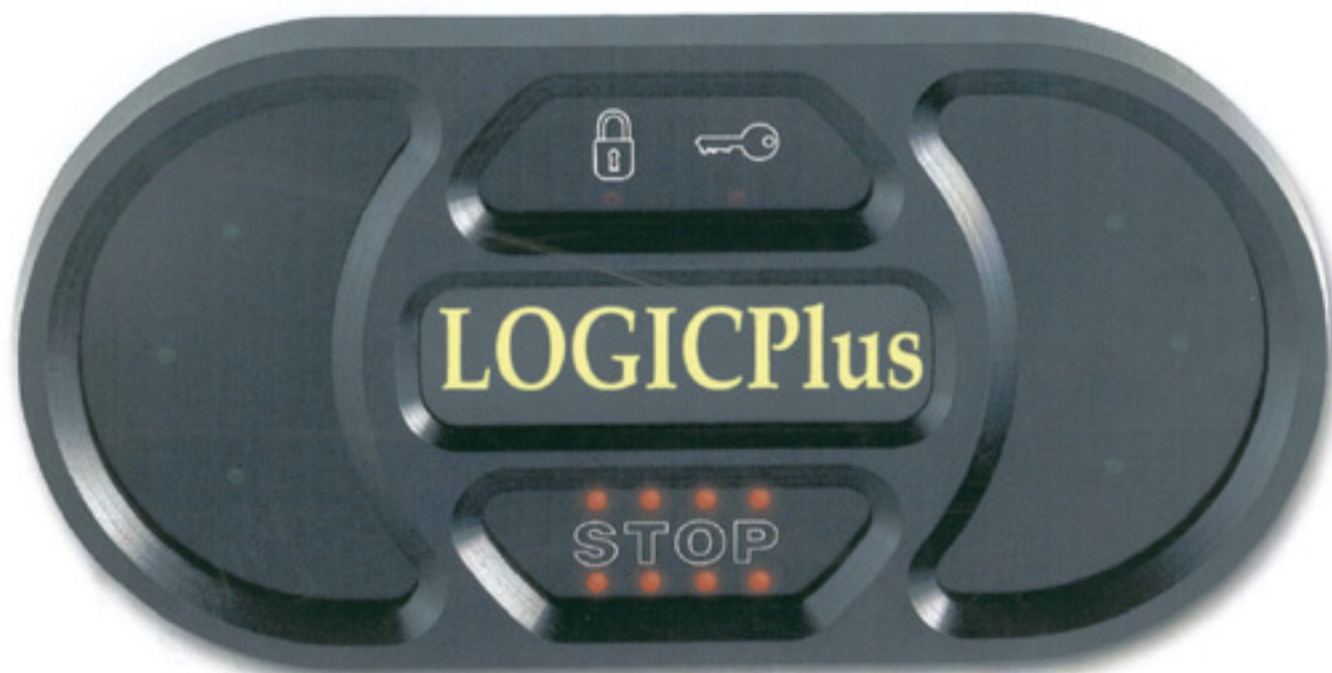


Converting Existing Mobile Storage Systems To LOGICPlus™ Systems

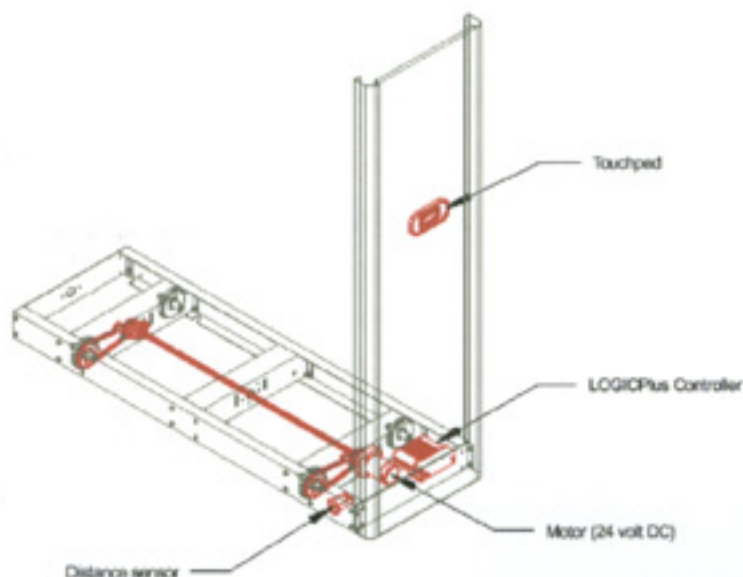


“I Didn’t Have To Replace My Mobile Storage System,

I Made It State of the Art At a Fraction of System Replacement Cost”

Supervisor Medical Records
Large Eastern Medical Facility

The LOGICPlus™ Conversion Kit



Sample Installation Schematic

***You Don't Have To Replace Your Outdated Mobile Storage System
Make It State of the Art At a Fraction of System Replacement Cost***

Space-Tek is the leader in development of advanced electronic controls for mobile storage systems. Space-Tek controls are utilized by leading manufacturers of mobile storage systems around the world. Now Space-Tek has introduced LOGICPlus™ Conversion Kits for use in existing mobile storage systems. Space-Tek is partnering with a selected group of mobile system professionals across North America and Europe to make this truly revolutionary technology available for upgrading previously installed mobile storage systems.



Replacing An Existing Mobile System May Be Wasting Money!



The tracks and wheels and carriages of most mobile storage systems don't wear out, they last for years and years. It is the crank mechanisms, safety floors and sweeps, limit switches and other mechanical parts that fail and cause system downtime and repair and maintenance expense. Buying a whole new mobile system just because some of the parts don't work can be a needless expense at a time when expense control is so important.

And while the cost of the new system is a large budget item, it is only part the replacement expense. There is the cost of installing the new system and of course, the cost and inconvenience of removing the existing system and storing the materials during the long installation process.

In most cases, the LOGICPlus™ Conversion Kit approach let's mobile system owners avoid the expense, inconvenience and productivity loss of total system replacement.

Advanced Design Makes LOGICPlus™ Conversion Kits Easy To Install

Whether the existing mobile system is a mechanical assist drive or an electrical drive, LOGICPlus™ can be installed with no need to remove all stored materials from the carriages. The “Plug and Play” design of LOGICPlus™ dramatically reduces component installation time. In most cases the installation can be accomplished during off hours. Even if usage is 24/7, conversion can be sequenced by section to minimize disruption of system usage patterns.



LOGICPlus™ Conversion Kits Bring Advanced Safety, Reliability, and Functionality to Existing Mobile Systems

Safety

When existing carriages, mechanical assist or electrical, are converted to a LOGICPlus™, system users can gain the benefit of the most up to date safety systems. LOGICPlus™ controllers provide two level safety as a standard. Additionally, LOGICPlus™ controllers interface with any safety devices allowing system owners to determine the safety system configuration required for their specific situation.

Reliability

While the convenience of electrical mobile systems has never been in question, operating reliability has been a continuing problem with many electrical systems. When existing electrical mobile systems are converted to LOGICPlus™ failure prone mechanical push buttons, limit switches, safety sweeps and safety floors are replaced with advanced electronic and photo optic components. With no mechanical parts to fail, reliability issues and costly maintenance calls become a thing of the past.

New Functionality

After conversion to LOGICPlus™, existing mobile storage systems offer system users a wide array of new capabilities such as:

- Ten level lock-free security
- Automatic system self-adjustment when load weights change
- Easy interface to media locator programs, fire suppression systems, and environmental controls
- Convert carriages from mobile to stationary with one-touch
- Adjust carriage stopping distances without special tools or complicated codes
- Make system adjustments remotely from a PC or LAN



Frequently Asked Questions About LOGICPlus™ Conversions

What Does Converting A Mobile System To LOGICPlus™ Mean?

System conversion means that the LOGICPlus™ carriage controller system is installed in existing mobile storage system carriages. This allows the existing mobile system to provide the same advanced functionality and reliability offered by brand new mobile systems featuring the LOGICPlus™ controller provided by leading mobile storage manufacturers in North America, Europe, United Kingdom, Australia and the Pacific Rim.

Why Have System Owners Chosen to Convert To LOGICPlus™ Controllers?

They are looking for the advanced safety, security and operating convenience offered by the LOGICPlus™ controller. These systems were purchased before LOGICPlus™ was available. In the vast majority of installations the steel components such as carriages, wheels and track are in perfectly good working order and will offer many years of service. The LOGICPlus™ conversion program allows the system owners to avoid the unnecessary expense of replacing the entire mobile system in order to gain the advanced safety, operational features and reliability.

For many owners of older electrical mobile systems, frequent system failure and the resulting downtime and productivity loss are a sad fact of life. In some cases replacement parts are simply no longer available. Many system owners have also viewed the inconsistent performance as a significant liability issue.

Owners of mechanical assist mobile systems want the advanced functionality provided by LOGICPlus™. For some it is again a safety issue, for others it is a way to make the mobile storage an integrated part of the working environment. In work environments where the ability to limit access to certain sections of the system make the system more useful, LOGICPlus™ offers the solution. Most conversion decisions are driven by a combination of goals, objectives and concerns.

What Kinds of Mobile Storage Systems Can Be Converted To LOGICPlus™?

When the system drive shaft assembly and wheels are in good working order virtually any mobile storage system, electrical assist or mechanical assist, from any mobile manufacturer is a candidate for conversion to LOGICPlus™. LOGICPlus™ controllers have been used to convert both electrical and mechanical systems manufactured by a variety of U.S. based and foreign companies.

How Can I Determine If My Current Mobile Storage System Can Be Converted?

Space-Tek, the makers of LOGICPlus™ controllers, has partnered with a selected group of mobile storage experts around the country. These partner companies have been designated as **LOGICPlus™ Alpha Partners**. To gain the Alpha Partner designation these companies must offer complete design, installation, service and technical support capabilities. All Alpha Partners have a minimum of ten years experience with first class mobile storage systems and long lists of satisfied customers.

The LOGICPlus™ Alpha Partner firm nearest you will be happy to have a trained representative meet with you and do an evaluation of your existing mobile storage system. Following the evaluation, you will be provided with a proposal covering the components necessary for the conversion and an installation plan based on your individual requirements.

Can I Use My Mobile Storage System While the Conversion Is Being Done?

In most cases the answer is yes. The conversion is handled in a staged process meaning that only certain carriages are out of service for relatively short periods of time. Often this takes place during off hours or time periods when system usage is at it's lightest. In most cases, very little of the material being stored on the mobile system needs to be moved during the conversion. The actual time required for each carriage is based on several factors such as components needed, storage equipment being used on the system and design and location of the existing system. All of these factors will be reviewed in detail during the evaluation.

The primary goal of the LOGICPlus™ Alpha Partner representative will be to gain a full understanding of your mobile storage system and your usage patterns so that the conversion can be accomplished in the quickest and most economical manner with minimum disruption of your activities.

We can state with certainty that a conversion to LOGICPlus™ will cause only a fraction of the inconvenience and expense that would result from removing your existing mobile storage system and installing a complete new system.

How Will the Conversion Affect My Current System Warranties?

The conversion should not affect warranties in place on parts of the system that are not replaced with LOGICPlus™ components. All LOGICPlus™ components installed will carry a full manufacturers warranty. The LOGICPlus™ Alpha Partner service professionals will provide warranty service. Annual maintenance contracts covering service to the system and providing for future software upgrades are also available from the LOGICPlus™ Alpha Partner.

How Do I Locate A LOGICPlus™ Alpha Partner?

Send an e-mail to marketing@space-tek.com. We will be happy to provide you with the information for the LOGICPlus™ Alpha Partner in your area. If you would like us to have an Alpha Partner contact you just let us know how you can be reached and we will see that a representative is in touch.

Other LOGICPlus™ Informational Materials Available

Introducing LOGICPlus™
"It Just Seems Like Magic" CD
LOGICPlus™ specifications

White Papers:

Computerized Systems vs Mechanical Systems
Technology Development in Carriage Controls

To request any of these materials e-mail marketing@space-tek.com

LOGICPlus™ CONTROLLER

FEATURES/BENEFITS SUMMARY

Category	Feature	Benefit
Safety	Passive Block System	Included with all LOGICPlus™ Controllers No User Action Required Ideal For Public Access Installations
	Motor Current Monitoring System	Included with all LOGICPlus™ Controllers No Moving Part Reliability Not Effected By Changes In Carriage Content Weights, No Adjustment Needed
	Fully Compatible With Outside Safety Systems	Controller Ready for Interface With Infrared, Digital Sweep, and Safety Tape Systems Based On system User Selection
Security	System Uses Programmable Transponder	No Keys and Locks To Be Refitted No Pass Code Sharing Easy Permission Changes In High Turnover Area Unlimited Permission Configurations
Ease of Use	Plug and Play Installation	Rapid Installation No Special Technical Skills or Training No Calibration Charts or Equipment
	Big Button Electronic Keypad	User Intuitive Operation Handicapped Friendly "Hands Full" Activation
	Dual Access Synchronization	LOGICPlus™ Controllers Allow Convenient Mounting On Both Ends of An open Ended System Without Reducing Safety Levels
	Diagnostic Indicator Lamping	Easy To Interpret Diagnostic Lights Appear on Keypad to Simplify and Speed Problem Identification and Correction System Designed To Accept Remote Diagnostics and Maintenance
Reconfiguration	Transponder Reconfiguration	One Touch Reconfiguration Allows users To Maintain Maximum Benefit and Efficiency From the System Even When Usage Patterns or Requirements Change No Technician Support Required To Convert Carriages From Mobile To Stationary
	Transponder Adjustable Stopping Distance	Users Can Adjust Stopping Distance To Accommodate Oversized Contents with One Touch Simplicity No Technical Staff Required No Calibration Charts or Equipment Required
	Off Hour Positioning	LOGICPlus™ Controllers Can Be Activated Automatically Without the Need For Staff Action
Reliability and Durability	Electronic Keypad	No Moving Parts Extends System Life
	Analog Distance Sensor	No Need For Mechanical Stopping Devices Means Reduced Maintenance and Replacements Requirements Prevents Frequent Breakdown In Dusty or Dirty Storage Environments
	Motor Control	The LOGICPlus Controller Moderates the 24V DC Motor To Assure Soft Starting and Stopping Dramatically Reducing Motor Wear
WorldWide Standards	UL 1950 EIC 950 ENEC CE DEMKO	Allows Multinationals To Establish Global Procurement Standards