



Protecting Your Past Investment. Improving Your Future Performance.

Keeping Pace with Changing Technology

With our Life Cycle Management solutions the Building Technologies Division of Siemens Industry, Inc. is committed to helping you stay current with new technology while extending the value from past system investments.

Dramatic changes in technology and other outside variables influence a system's life cycle:

- Obsolescence of third party system components
- Increased failure rates of aging components
- Rapid technology innovations in the industry

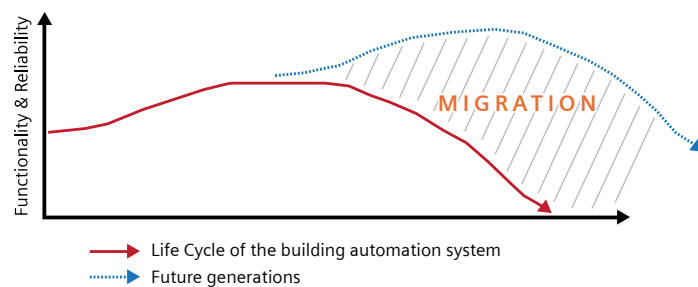
Through Fast Forward migration, you can take advantage of the enhanced functionality of today's technology — greater processing performance, memory, and adaptability — while making the most of your current systems.

Extending the Life Cycle of your Building Automation System

Our Life Cycle Management programs leverage your past system investments, adding new system functionality and reliability, improving the optimization of your system and reducing overall life cycle costs.

Implementing a Life Cycle Management solution through Fast Forward migration allows you to:

- Have a clear upgrade path to new technology
- Build upon existing investments
- Add functionality and reliability
- Optimize system performance
- Reduce lifecycle costs



Life Cycle Management Through Fast Forward Migration

Answers for infrastructure.

SIEMENS



Compatibility by Design

When you take advantage of the Fast Forward migration program, you can be confident we have your future in mind. Our technologies are specifically engineered to allow for forward and backward systems compatibility. Looking forward we proactively develop upgrade paths for clients with older products to take advantage of the ongoing advance of technology. Our new product releases or solutions are designed and engineered to be compatible with your older equipment and systems. This means your investment is protected because the components and products you put in place today will be compatible with the innovations we develop in the future.

Continuing to Benefit from Your Investment

Our goal in developing the Fast Forward migration program has been to create a complete solution consisting of products, tools and processes to minimize cost, downtime and disruptions to you. Fast Forward is a much more cost-effective solution than replacement with a new system. This means, for instance, that you don't need wall space for additional enclosures and wiring installation is minimized; your system will not require new programming or databases to be created; system commissioning is greatly minimized; and your facility staff does not have to learn a new system.

Minimal impact to your facility, as a result of reduced downtime during changeover, is the benefit of the Fast Forward program.

	New Installation	With the Fast Forward Migration Program
System Engineering	\$ \$	
Field Wiring/Electrical Installation	\$ \$	
Field Panel Hardware	\$ \$	\$
Sensors & Actuators	\$	
Programming	\$	
Workstation Hardware	\$	
Graphics Creation	\$	
Create New Point Database	\$	
Tools to Convert Database		\$
System Commissioning	\$	
Operator Training	\$	
System Startup	\$ \$	\$
Extended System Downtown	\$	
Facility Operation Impact	\$	
Total Systems Switchover Cost	\$ \$ \$ \$	
Total Panel Conversion Cost		\$

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