Migration Solutions

PowerFlex® 700H AC Drive to PowerFlex 755 AC Drive

Why Upgrade or Migrate

While the PowerFlex 700H AC drive has been a valuable part of our portfolio for the past ten years, this product will no longer be available for sale after June 2016. Now is the time to migrate to the PowerFlex 755 AC drive.

As the latest PowerFlex offering in this power range, PowerFlex 755 AC drives offer many new features designed to help improve your operations.

PowerFlex 755 AC Drives Features and Benefits

- More selection for control, communications, safety and supporting hardware options than any other drives in their class

- A slot-based hardware architecture provides flexibility to select up to five option cards to suit your application requirements

- Built-in EtherNet/IP port, allows you to configure, control and easily manage drive data over EtherNet/IP networks

- Safety solutions help to protect personnel and equipment

- Predictive diagnostics and built-in protection helps protect your investment

- Automatic Device Configuration (ADC) – Logix controllers can detect a replaced drive and automatically download all configuration parameters without manual intervention to help reduce downtime

- Premier integration into the Logix environment for simplified and enhanced configuration, programming, commissioning, diagnostics and maintenance

PowerFlex 700H AC Drive   PowerFlex 755 AC Drive

ACTIVE* | ACTIVE MATURE* | END OF LIFE* | DISCONTINUED*

Identify, Mitigate and Eliminate the Risks of Automation Obsolescence

Rockwell Automation® understands that your drives are a critical asset in your automation system, and we support that by providing you with the latest technology to maximize your investment. New technologies can improve and extend the operation of existing equipment and provide an immediate boost to productivity. By migrating from your legacy PowerFlex 700H AC drive to a new PowerFlex 755 AC drive, you can help to decrease downtime, increase speed to market and optimize operations well into the future.

We will help you to meet this demand to innovate by proactively planning and managing your transition every step of the way to help you get the highest possible return on your automation investment.

*ACTIVE: Most current offering within a product category.
ACTIVE MATURE: Product is fully supported, but a newer product or family exists. Gain value by migrating.
END OF LIFE: Discontinued date announced – actively execute migrations and last time buys. Product generally orderable until the discontinued date.[1]
DISCONTINUED: New product no longer manufactured or procured.[2] Repair/exchange services may be available.
1 - Outages on specific items may occur prior to the Discontinued date. 2 - Limited stock may be available in run-out mode, regionally.

Allen-Bradley • **Rockwell Software**

Rockwell Automation

Migration Services

By migrating to the Integrated Architecture,™ you can optimize your plant and supply chain by connecting people and assets. Rockwell Automation will help you develop a long-term migration roadmap that fits your needs. Whether it's a complete turnkey solution that includes assessment through acceptance, or simply providing you with the tools to do it yourself, we will support you every step of the way and help you get the highest possible return on your automation investment.

To help reduce your risk, choose from the following options for your end of life or discontinued products:

1. Migration Project – Migrate your discontinued product now, using the recommended replacement products. Rockwell Automation can perform the migration for you, or provide you with tools to do it yourself. To request a migration quote, please contact your local authorized Allen-Bradley distributor or Rockwell Automation sales office.

2. Migration Contract – This option allows you to migrate on your own schedule and in line with your budget limitations by paying a monthly fee instead of an upfront cost.
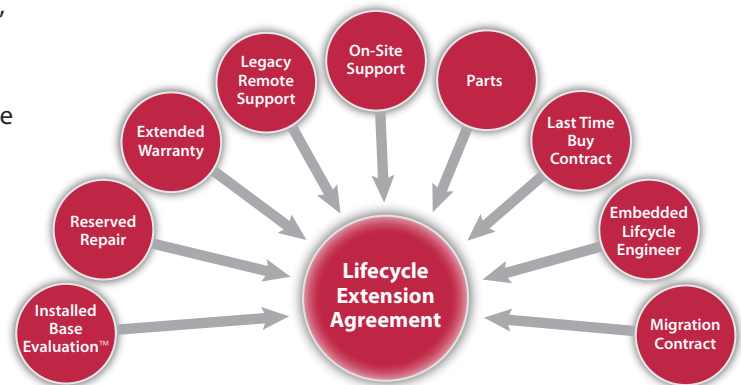
Mitigate Your Risk

If migration is not an option in the near future, you have several options to help mitigate your risk.

1. Last Time Buy – Perform a one-time, last time buy for required product quantity that will support your existing installed base.

2. Lifecycle Extension Agreement – This support agreement is a packaged service "bridge" that helps minimize the risk associated with continued operation of older or discontinued automation until you are prepared to migrate.

The agreement can be customized to meet your needs, with potential service options such as:

- Installed Base Evaluation™ – We identify your automation obsolescence risk on site and the lifecycle analysis helps you make data-driven decisions

- Last Time Buy Contract – A commitment to purchase a specified quantity of parts. Rockwell Automation will maintain this inventory and you can access it upon demand.

- Reserved Repair – We provide guaranteed access to a repair of your discontinued products.

- Legacy TechConnect℠ Support – Remote technical support focused on discontinued products that are no longer supported through the standard hardware remote support.

A Lifecycle Extension Agreement may include these options, designed to help minimize the risk of operating discontinued Rockwell Automation hardware as you migrate to newer technology.

3. Remanufacturing – The goal of Rockwell Automation is to support products for at least five years from the date they are removed from general sale, although availability of components may dictate unexpected discontinuation of remanufacturing services.

Migration Services

Benefits

- Decrease planned and unplanned downtime events and duration
- Improve process availability, production capacity and product quality
- Increase speed to market
- Reduce your maintenance costs and efforts
- Increase data availability and security

Lifecycle Extension Agreement

Benefits

- Reduce the financial consequences of extended downtime associated with operating legacy or discontinued automation equipment
- Buy added time for migration planning and budgeting
- Support your facility without increasing assets (no added carrying costs)

What's Included When You Work with Rockwell Automation on Your Migration

- The latest Rockwell Automation PowerFlex drive technology
- All additional peripherals required
- On-site commissioning

PowerFlex 700H AC Drive Compared to PowerFlex 755 AC Drive

	PowerFlex 700H	PowerFlex 755
380…480V **500…600V** **690V**	132…1200 kW / 200…1900 Hp 150…2400 Hp 160…2300 kW	0.75…1400 kW / 1.0…2000 Hp 1.0…1500 Hp 7.5…1500 kW
Motor Control	• V/Hz control • Sensorless vector control	• V/Hz control • Sensorless vector control • Vector control w/FORCE™ Technology with and without an encoder • Permanent magnet motor control (surface and interior)
Enclosure Types	• IP20, NEMA Type 1 • IP21, NEMA Type 1 • IP54, NEMA Type 1 • IP54, NEMA Type 12	• IP00, NEMA / UL Type Open • IP20, NEMA / UL Type 1 • Flange mount back: IP66, NEMA / UL Type 4X • IP54, NEMA / UL Type 12
Standards and Certifications	• ATEX Certified with Safe Torque-off • C-Tick • UL, c-UL • CE – with Rittal Enclosure • IEC (designed to meet) with Rittal Enclosure • TUV FS ISO/EN13849-1 (EN954-1) with Safe Torque-off option	• ABS • ATEX Certified with appropriate options • C-Tick • c-UL-us • CE • EPRI/SEMI F47 • GOST-R • Lloyd's Register • RINA • RoHS compliant materials • FS ISO/EN13849-1 (EN954-1) with Safe Torque-off option
Logix Integration	• Studio 5000 Logix Designer™ – add on profiles	• Studio 5000 Logix Designer – add on profiles • Studio 5000 Logix Designer – embedded
Safety Options	• Safe Torque-off	• Safe Torque-off • Safe Speed Monitor
Communications	Option modules available for: • Ethernet • ControlNet • DeviceNet • Additional modules to support variety of industrial networks	Built-in Ethernet port standard. Option modules available for: • ControlNet • DeviceNet • Additional modules to support variety of industrial networks
I/O	• 6 digital inputs • 2 bipolar differential analog input • 2 bipolar single ended analog output • 3 digital outputs: 1 form A, 1 form B, 1 form C	• 1 digital input standard • Option cards for additional I/O
Motor Types	• Induction motors	• Induction motors • Permanent magnet motors (surface and interior)
Positioning	N/A	• Indexing • PCaming • Electronic gearing • Position/speed profiling
Feedback	N/A	• Incremental • EnDat, Hiperface, SSI and BiSS
Application Sets	N/A	• Lifting: TorqProve™ • Oil well: pump jack & pump off • Fibers: P-Jump & traverse

For More Information

To better understand your options, contact your local authorized Allen-Bradley distributor or Rockwell Automation sales office or visit: **www.rockwellautomation.com/go/lifecycle** and **www.rockwellautomation.com/go/migration**.

www.rockwellautomation.com