



## Series 90-70 Modernization FAQs and Appendix A

Since 1989, GE Intelligent Platforms' Series 90\*-70 family of programmable controllers has delighted customers with reliable uptime and high performance. It has been an exciting journey over the past two decades, and we are proud of this history. As we continue to innovate to solve your toughest challenges, our commitment to delivering you with outstanding performance and value into the future remains steadfast.

Below are some FAQs related to our Series 90-70 Modernization.

### **Q. How do I know if my Series 90-70 component has been discontinued?**

**A.** In January 2009, GEIP notified our channel partners and customers that certain part numbers in the Series 90-70 family were maturing, based on limited component availability, which adversely affected production. These products that have been discontinued are listed in **Appendix A** (see below).

### **Q. Why is GE making this announcement now?**

**A.** Per our Life Cycle Policy, we committed to provide these products for a minimum of two years once we announced mature status, after which time, we would discontinue selling new parts. As of July 1, 2011, we have reached a point where we are unable to manufacture and sell the 90-70 products listed in Appendix A.

As our products mature, we communicate our hardware life cycle plans to keep you informed and help you develop modernization contingency plans going forward with the right tools, products, and resources.

### **Q. Can I still receive Series 90-70 product support?**

**A.** To support our customers after the July 1, 2011 discontinuation date, we are still offering repair services for up to seven years. This will allow you some time to work with us to develop a solid transition plan to the newer PACSystems products.

### **Q. What product can I upgrade to?**

**A.** We encourage you to take full advantage of the latest technology of our PACSystems controllers. Enabling improved efficiencies and flexible deployment, it delivers increased application uptime, lower operating costs, and higher performance in a single platform.

### **Q. Why should I upgrade to PACSystems controllers?**

**A.** PACSystems offers many features and benefits, including:

- Easy program conversion through direct importing and conversion of existing logic programs
- Protection of your existing intellectual property
- Minimized conversion downtime
- Improved performance driving plant profitability



In addition, our flexible hardware and software platforms allow for simple changeovers with more predictable budgets and succinct implementation timelines.

**Q. How can GE help me with my modernization plan?**

**A.** We understand the unique needs of our customers. We are offering a solid roadmap that outlines spare parts inventory and includes modernization plans, which will help mitigate risk and allow you to achieve higher success rates.

If you need help defining a detailed modernization plan to PACSystems, please contact your local GE Intelligent Platforms office or email us at [geip.nextstep@ge.com](mailto:geip.nextstep@ge.com). We can help you define a detailed action plan with our engineers who are globally located and have vast experience in converting from the Series 90-70 systems to PACSystems.

**Q. Are Genius and GMR still available for purchase?**

**A.** Yes, you can still purchase these products as we anticipate having the Genius and GMR products available for sale until the end of 2013. We will strive to secure components to meet this date; however, this date may move based on global availability of components.

As a reminder, we initially announced that Genius and GMR Systems were moving to mature status in January 2011, and we will keep you updated with any changes to their status.

**Q. What if I need a Series 90-70 product that has been discontinued?**

**A.** If you immediately require a product listed in **Appendix A** (see below), please email us at [geip.nextstep@ge.com](mailto:geip.nextstep@ge.com); we may be able to assist you in sourcing these as some of our distributors have placed last-time-buy stock orders.

**Q. Who can I contact if I have other questions?**

**A.** We are excited to [help you with the modernization of your incumbent control and process systems. If you have an immediate need or question, please email us at \[geip.nextstep@ge.com\]\(mailto:geip.nextstep@ge.com\).](#)

[Thanks for your continued support of GE Intelligent Platforms products.](#)



## Appendix A

<b>Analog</b>		
<b>Status</b>	<b>Part Number</b>	<b>Description</b>
Discontinued	IC697ALG230	Analog Input, Voltage/Current, 8 Channels
Discontinued	IC697ALG234	Analog Input, Voltage/Current, 8 Channels gold plated terminal.
Discontinued	IC697ALG320	Analog Output, Voltage/Current, 4 Channels
Discontinued	IC697ALG324	Analog Output, Voltage/Current, 4 Channels gold plated terminal
Discontinued	IC697ALG440	Analog Input Expander, Current, 16 Channels
Discontinued	IC697ALG441	Analog Input Expander, Voltage, 16 Channels
Discontinued	IC697ALG444	Analog Input Expander, Current, 16 Channels gold plated terminal.
Discontinued	IC697ALG445	Analog Input Expander, Voltage, 16 Channels gold plated terminal.
<b>Communication</b>		
<b>Status</b>	<b>Part Number</b>	<b>Description</b>
Discontinued	IC697CMM711	Communications Coprocessor, CCM, RTU, SNP, and SNPx Protocols
Discontinued	IC697CMM712	Serial Communications Module for State Logic
Discontinued	IC697PCM711	Programmable Coprocessor
<b>CPU</b>		
<b>Status</b>	<b>Part Number</b>	<b>Description</b>
Discontinued	IC697CGR772	Hot Standby Genius Dual Bus CPU, 486DX4, 2K I/O, 512K, Flt. Pt.
Discontinued	IC697CGR935	Hot Standby Genius Dual Bus CPU, 486DX4, 12K I/O, 1M, Flt Pt.
Discontinued	IC697CPX772	CPU, 96 MHz, 2K Discrete I/O, 512K byte fixed user memory
Discontinued	IC697CPX782	CPU, 96 MHz, 12K Discrete I/O, 1M byte fixed user memory
Discontinued	IC697CPX935	CPU, 96 MHz, 12K Discrete I/O, 1M byte fixed user memory
Discontinued	IC697CPX928	CPU, 96 MHz, 12K Discrete I/O, 6M byte fixed user memory
<b>Discrete I/O</b>		
<b>Status</b>	<b>Part Number</b>	<b>Description</b>
Discontinued	IC697MDL240	120 VAC Isolated Input (16 Points)
Discontinued	IC697MDL241	240 VAC Isolated Input (16 Points)
Discontinued	IC697MDL250	120 VAC Input (32 Points)
Discontinued	IC697MDL251	120 VAC Input (16 Points) Non-isolated
Discontinued	IC697MDL252	12 VAC Input (32 Points)
Discontinued	IC697MDL253	24 VAC Input (32 Points)



Discontinued	IC697MDL254	48 VAC Input (32 Points)
Discontinued	IC697MDL340	120 VAC Output, 2 Amp (16 Points)
Discontinued	IC697MDL341	120/240 VAC Isolated Output, 2 Amp (12 Points)
Discontinued	IC697MDL350	120 VAC Output, 0.5 Amp (32 Points)
Discontinued	IC697MDL640	125 VDC Input (16 Points)
Discontinued	IC697MDL651	5 VDC (TTL) Input (32 Points)
Discontinued	IC697MDL652	12 VDC Input, Positive/Negative Logic (32 Points)
Discontinued	IC697MDL653	24 VDC Input, Positive/Negative Logic (32 Points)
Discontinued	IC697MDL654	48 VDC Input, Positive/Negative Logic (32 Points)
Discontinued	IC697MDL671	Interrupt Input Module, 14 points
Discontinued	IC697MDL740	24/48 VDC Output, 2 Amp, Positive Logic (16 Points)
Discontinued	IC697MDL750	24/48 VDC Output, 0.5 Amp, Positive Logic (32 Points)
Discontinued	IC697MDL752	12 VDC Output, 0.5 Amp, Positive Logic (32 Points)
Discontinued	IC697MDL753	5/48 VDC Output, 0.5 Amp, Negative Logic (32 Points)
Discontinued	IC697MDL940	Relay Output, Signal, 2 Amp (16 Points)
<b>Specialty Modules</b>		
<b>Status</b>	<b>Part Number</b>	<b>Description</b>
Discontinued	IC697HSC700	High Speed Counter
Discontinued	IC697BEM721	I/O Link Interface Module for the Series 90-70
Discontinued	IC697RCM711	Hot Standby Redundancy Communications Module