



2019 Smart Modernization™ Refresh Program

CTI's Smart Modernization Refresh Program offers you a seamless and cost-efficient path to easily modernize and ensure the continued sustainability of your existing Simatic®/TI 505® PLC Systems.



As many installed systems based on Simatic®/TI 505® components approach the 25-year mark, some of our customers have expressed concern about the continued sustainability of their systems in view of generally accepted principles of electronic component lifecycles, technological change, and competitive pressures. With CTI continuing to support the continuous evolution of these systems by offering both new features and new capabilities via completely modernized replacement products as well as brand-new products, the

Summary

For a limited time, CTI is offering free on-site system sustainability assessments to help you ensure the reliability of your control system and plan for the modernization of your Simatic®/TI 505® PLC systems using new CTI hardware. Partner with CTI to develop a Smart Modernization Refresh plan to extend the life of your existing systems with no software changes and no wiring changes.

long-term prospects of extending the life of these control systems almost indefinitely are excellent.

Our Smart Modernization Refresh Program offers you the chance to take advantage of CTI's expertise with these TI/Simatic 505 and CTI 2500 Series® systems to assess where your control system(s) might be most vulnerable to age-related failures and/or technological obsolescence and to develop with you a phased and prioritized plan to modernize your system(s).



Benefits of Modernizing

- New features and functionality
- Better communications strategies available
- Better migration path to use the latest protocols
- Reduced potential for downtime
- Improved performance
- Better support and maintainability

Program Overview

The 2500 Series® Smart Modernization Refresh Program offers customers the chance to benefit from an expert system assessment of your existing Simatic/TI 505/CTI 2500 Series Control System. CTI will conduct an on-site reliability assessment of your control system(s) and create a prioritized Smart Modernization Refresh plan that could range from 1-5 years in length.

How the Program Works

1. Contact CTI or your CTI Preferred Automation Provider to schedule a Smart Modernization System Assessment of your control system. This assessment will be conducted at no cost to you.
2. Working with CTI or your CTI Preferred Automation partner, develop a plan (in phases if needed) for modernizing and ensuring the continued reliability of your system.
3. Begin to implement the plan — order and take delivery of new 2500 Series® Products .

Important Note: Before upgrading an existing TI/ Siemens® product to a CTI product, refer to your System Assessment Report or contact CTI for information on any potential installation differences.

For a discussion about long term reliability in electronic systems and wear-out failures, see the CTI White Paper [“Reliability in Aging Programmable Logic Controller Systems”](#) available on our website from this URL:

<http://www.controltechnology.com/Files/common-documents/tech-tips/white-papers/Reliability-in-Aging-Programmable-Logic-Controller>

Example of a Smart Modernization System Assessment

For an example of what a Smart Modernization System Assessment might look like, please see:

<https://www.logic-control.com/media/CTI2019refreshprogram>

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