



EOL-Siemens S7-200

End-of-Life PLC Upgrade Solutions

- Migrate End-of-Life Components to protect against system failure and extended downtime
- Upgrade and Replace obsolete PLCs and HMI with planned work sequences in operating environments
- Get the best of new PLC and HMI technology – better performance at lower prices



End of Life for Siemens S7-200: There are several million Siemens S7-200 PLCs in service around the world, including thousands in critical service in data center equipment.

Hundreds of Dot-Com Era (1998 – 2002) data centers are still in service throughout the US and world. Many of these facilities are very valuable because they occupy locations close to large cities and fiber optic infrastructure.

Siemens PLC Migration: After more than 18 years in service, Siemens stopped production of the S7-200, in 2017. The replacement PLC is the S7-1200.

Not Just a Hardware Swap: It is not simply a matter of a hardware swap:

1. **Application Software Changes:** The new S7-1200 PLCs and HMI use a new application software called TIA – Total Integrated Automation, replacing Step 7 on the old PLCs. The software change requires that the programming for the replacement PLCs must be re-written on the new platform.
2. **Network Standard:** The obsolete S7-200s typically used an RS-485 based network for communication. The new S7-1200s have built-in Ethernet for peer-to-peer networking, although they still maintain an RS232/485 Port.
3. **Room-to-Improve Redundancy:** System upgrades include a performance review to address any inadequacies. This may be an opportunity to get full dual control, rather than a single element + bypass.