

# Safety system PLC replacement

With a Safety system PLC replacement, Everllence PrimeServ fully updates the original system PLCs with Siemens S7 PLCs.

Everllence GenSet engines have brought value to owners and operators for many years. GenSet engines built two or more decades ago continue to deliver value today. However, some safety system PLCs (programmable logic controllers) are not produced anymore, and spare parts are either unavailable or can be hard to find. If the safety system fails, the vessel crew or power plant staff must take the GenSet out of operation.

## Proactive replacement lowers the risk of downtime

Replacing a PLC with a different model it can be time-consuming if not planned in advance. A PLC failure may therefore lead to prolonged downtime. By proactively replacing the PLCs proactively with PLCs from the Siemens S7 series, you can avoid this risk.

The Safety system PLC replacement installation requires specific knowledge about Everllence GenSet engines. Therefore, a Everllence PrimeServ service engineer will take care of the installation.

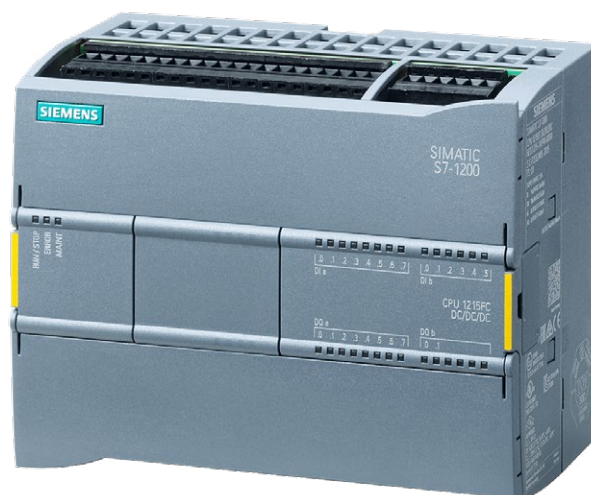
Implementing this PLC system of all Everllence GenSet safety systems on your vessel or power plant will reduce total costs.

## Replace now and improve reliability immediately

The PLCs listed below, including the ABB CS31, ABB AC1131, Allen Bradley Micrologix 1500, and ABB EcoFlex 500, have ceased production.

This is why it is recommended to replace all the listed PLCs with the Safety system PLC replacement at your earliest convenience. For this, an upgrade service package that includes all necessary hardware and software is available. Further details are available in the service letter SL2020-700/MNS.

Please contact your Everllence PrimeServ office for more details.



**Everllence**

**PrimeServ**

# Safety system PLC replacement

Strengthen operational reliability

## Key benefits

- Updated PLC replacement system, improving the component's lifetime, functionalities, and operational uptime
- Prevents prolonged GenSet downtime due to a defective PLC
- Prevents lack of power at a critical time
- Increases the general reliability of the GenSets
- Improves the repair options and lowers future safety system repair costs

## Scope of supply

- Siemens S7 PLC module
  - one for each engine
- For the engine types L16/21, L21/31 and L27/38, control software for the retrofit "Charge Air Preheater" is included as standard in the new PLC
- One spare control system base module for replacement if needed
- Installation accessories
- New electrical drawing
- New set of spare part plates

## Applicable to

Available for the engine types L16/24, L21/31, L23/30H, L27/38, L28/32H, and V28/32S

## More information

Contact your local Everllence PrimeServ office for more information about the product and how the upgrade can improve your specific engine.

## Everllence PrimeServ

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