

Extend your PLC's lifespan

PLCs are durable and can easily last for up to 20 years or more if regularly maintained and occasionally updated. Let's see how.

MAINTENANCE



Keep it clean

Dust produced during factory operations can contain corrosive or conductive elements. Regularly blow away dust and debris with canned air to prevent dangerous build-up.



Enclose the PLC and check the ventilation filters

If you install the PLC in a low-dust enclosure, prevent overheating by changing the ventilation filters often and making sure that air can circulate freely.



Check your power sources

Ensure that your power supply isn't causing any circuits or electricity spikes and that power flows consistently. Check that sockets, plugs and terminal strips are securely connected, especially in areas with high levels of vibration.



Keep vibration at bay

Check that the screws and bolts that secure the I/O modules and the PLC system itself. Make sure that they are in good condition and tight enough to prevent rattling.



Shield against EMI and RFI

Electromagnetic interference (EMI) or radio frequency interference (RFI) can impact the functionality of a PLC. Shield your PLC or position it far from interference sources.

UPDATING



Stock critical spare parts

If you have a legacy PLC, keep a stock of replacement parts, especially for critical components such as those on the main CPU board.



Check backward compatibility

New modules with backward compatibility should provide seamless integration with an older system, but check with your supplier to avoid surprises.

Finally, when maintenance isn't enough, EU Automation can quickly supply new, reconditioned and obsolete PLCs and PLC components from all major brands.