

Extend the life of your PLC

HOW TO DO IT

Keep it clean

Dust and dirt can be very damaging and could contain conductive elements. Regularly blow off any dust and debris with canned air to prevent any dangerous build-up.

Check the ventilation

If the PLC was installed in a ventilated enclosure, prevent overheating by ensuring that air can circulate freely around the PLC.

Protect the system from surges and spikes

Consider installing a surge suppression device to protect the sensitive electronics. Exposing your equipment to dirty power has the same effect on your equipment as consuming contaminated water would have on you.

If you were to only drink dirty water from dirty pipes over an extended time, your system would begin to shut down, deteriorate and unfortunately have a much shorter life span.

Control Systems & Support can help with a small form-factor, cost effective solution!

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. Consider adding an AC power line EMI filter.

Stock any critical parts

Spare parts can save the day! Be sure to have replacements for the power supply and CPU, along with a spare of each module type used on the system. Don't forget to have a backup copy of the user program.

If your maintenance efforts are just not enough, **Control Solutions & Support** can help identify and supply new or reconditioned replacement parts.



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