batenburg
industrial automation

Risk check | 8 points to consider in the phase-out of Siemens PROFIBUS components

As of 1 October 2026, Siemens is phasing out (PM400) a large part of its PROFIBUS components. Today your installation is still running fine, and that is exactly the risk: you only really feel the need to migrate once a part is missing. And by then it is too late to do it at your own pace.

Use this risk check to find out whether you are prepared, before a single missing part brings your installation to a standstill.

PM400

Phase-out announcement

1 October 2026

Still available new, but no longer actively marketed and no longer listed in the catalogue.

Action: take inventory and plan your migration.

PM410

End of production

1 October 2027

No more new parts. Only spare parts or repairs, in limited quantities and often at higher prices.

Action: order any new parts you need before this date.

PM490

End of delivery

Not before 1 October 2036**

Can no longer be ordered, not even as a spare part. Only warranty claims are still handled.

Action: complete your migration well before this date.

*** https://support.industry.siemens.com/cs/document/109989704/announcement-of-product-phase-out-(pm400)-for-profibus-components?dti=0&lc=en-NL*

1. Do you know which PROFIBUS components you have?

Check whether:

- ☐ all PLCs, network cards, distributed I/O, repeaters and connectors have been identified;
- ☐ type numbers and firmware versions have been recorded;
- ☐ you know which components fall under Siemens notice 109989704;
- ☐ package units and third-party machines have been included as well.

Batenburg practical tip

An up-to-date asset inventory is not only the basis for your migration plan, but also the first step towards OT cybersecurity and NIS2. One inventory, two goals.

2. Do you know where the risk is greatest?

Check whether:

- ☐ the criticality of each installation has been determined (what does an hour of downtime cost?);
- ☐ the age and failure history of components are known;
- ☐ it is clear where the single points of failure in the network are;
- ☐ you know which part goes down if a single repeater or interface module fails.

Batenburg practical tip

MTBF says something about average reliability, not about service life. As electronics get older, the risk of failure increases. Precisely when replacement is becoming more difficult.

3. Is your spare parts stock really reliable?

Check whether:

- ☐ you have determined how many spare parts you need until the planned migration;
- ☐ storage is dry, temperature-stable and ESD-safe;
- ☐ the firmware versions of spare parts match your configuration;
- ☐ spare parts are tested periodically;
- ☐ the origin and warranty of used or refurbished parts are known.

Batenburg practical tip

Unused electronics age too: capacitors dry out and batteries run flat. See a spare parts stock as buying time, not as a strategy. Use that time to prepare your migration.

4. Is the knowledge secured in-house?

Check whether:

- ☐ several colleagues can analyse and fix PROFIBUS faults;
- ☐ network drawings and documentation are up to date;
- ☐ backups of PLC programs and configurations are available;
- ☐ diagnostic tools are available and in use.

Batenburg practical tip

Just like the parts, PROFIBUS knowledge is becoming scarcer. Capture now what is still in the heads of your experienced colleagues.

5. Where can you already migrate with little impact?

Check whether:

- ☐ network sections that can be converted during a planned shutdown have been identified;
- ☐ distributed I/O stations have been assessed for replacement by PROFINET;
- ☐ gateways or couplers can let PROFIBUS and PROFINET run side by side temporarily;
- ☐ existing field instrumentation can be retained where possible.

Batenburg practical tip

Migration does not have to be an all-or-nothing project. By starting with the low-hanging fruit, you spread costs and risks, and gain experience for the bigger steps.

6. Is the replacement of PLCs and instrumentation scheduled?

Check whether:

- ☐ it is clear which PLCs and PROFIBUS network cards need to be replaced;
- ☐ you know how much PROFIBUS instrumentation has to be replaced as well;
- ☐ the migration is aligned with planned maintenance shutdowns;
- ☐ the investment is included in the multi-year budget.

Batenburg practical tip

A PLC migration often affects more than just the controller. Map out early which instruments, drives and interfaces need to be included. That way you avoid surprises.

7. Is replacing the complete package unit the better choice?

Check whether:

- ☐ you know how old the rest of the control system and the installation are;
- ☐ you have weighed up whether partial replacement is still cost-effective;
- ☐ the supplier of the package unit still provides support;
- ☐ replacement fits in with future changes to the process.

Batenburg practical tip

If the associated system is also outdated, replacing only the PROFIBUS components is sometimes just postponing the inevitable. So always look at the whole picture.

8. Have you mapped the impact on the rest of your installation?

Check whether:

- ☐ remote I/O stations have been included (such as ET 200M, ET 200S and ET 200pro with PROFIBUS interface);
- ☐ PROFIBUS components from other manufacturers have been identified (instruments, frequency converters, gateways);
- ☐ you have checked which other parts are affected, such as CPU, communication cards, HMI and interfaces;
- ☐ the consequences for software, network architecture, cabling and cabinet space have been assessed;
- ☐ testing, validation and documentation have been included.

Batenburg practical tip

Migration is rarely a matter of rip and replace. A new interface module may require a different CPU, modified software or a different network. So always look at the whole system, not just the one part.

Siemens replacement programme: Batenburg acts as your intermediary

Siemens offers a replacement programme for phased-out components. Batenburg can act as your intermediary: we assess which parts and installations qualify, agree the terms with Siemens and combine this with a suitable migration plan.

Nothing is wrong yet. That is exactly why now is the time.

Batenburg Industrial Automation has more than 40 years of experience in migrating PLCs and OT networks such as PROFIBUS. We know how to fit a migration into a running production environment: phased, aligned with your maintenance shutdowns and with as little impact on your organisation as possible.

Ready to get started? Three actions:

1. Contact your account manager or contract manager at Batenburg.
2. Schedule an inventory of your PROFIBUS networks and remote I/O stations.
3. Ask about the options offered by the Siemens replacement programme.