

Preventive maintenance

Ensure optimal performance of your FlexFactory™ system automation

Reliable communication between your equipment is essential for performance, productivity, and compliance. During automation preventive maintenance, our Cytiva-trained service engineers conduct over 60 detailed tests and inspections to verify the functionality of key automation hardware, including PLC panels, Profibus panels, server racks, and HMIs. We replace worn or faulty components and ensure that redundant systems are operating reliably. Our engineers also inspect LED and LCD displays for errors, check UPS systems, and replace batteries as needed to maintain uninterrupted operation.

Comprehensive system assessment

During PM, our qualified engineers perform comprehensive tests and verifications to ensure your FlexFactory™ system automation meets original factory specifications. They replace any necessary components using quality parts from Cytiva. These procedures are based on protocols optimized during system design and reflect the same functional and quality checks applied during assembly and pre-delivery validation.

Tests and inspections

Profibus panel inspection

PLC panel inspection

Server rack inspection

Backup battery replacement

Server software check



Fig 1. FlexFactory process equipment.

Documentation

We provide a standardized set of documentation and test results after each service or repair. This ensures full traceability, saves time, reduces costs, and supports compliance in regulated environments. Our service engineers document every PM visit and issue a service report upon completion.

What we do and why it matters

Main components	Outcomes
Functional verification of critical hardware	Confirms that your critical hardware is functioning and performing to factory specifications.
Redundancy system validation	Ensures mirrored systems are synchronized and ready to deploy.
Backup system integrity checks	Ensures proper logging and alert mechanisms are active.
Documentation	Signed service reports for traceability.

An integral part of our service plans

To maintain consistent system performance of your FlexFactory system automation, PM is included in all our service agreements.



**Extended
life cycle**



**Service
traceability**



**Maximized
productivity**

Learn more about how our service agreements can support your operations at cytiva.com/equipment-services

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