



2026 PROFINET Plugfest



The Plugfest is a gathering of engineers to test their PROFINET devices and controllers in an environment that comes close to the real automation world. Products can already be certified or still in development. Testing is carried out in small groups around individual controllers with the devices circulating among various controllers prior to creating one large network. Since every participant aims to learn the limits of their tested devices, a confidential atmosphere is a basic condition. All information stays in the room of the Plugfest and the list of participants is only available to the participants themselves.

Cost: None

Date: April 15–16, 2026

Venue: Emerson Electric Co.

Address: 12001 Technology Dr.

Eden Prairie, MN 23944 USA

Participant Roles:

Controller / Device Manufacturer: Bring certified or nearly certified products to test.

Infrastructure: Share your switches, cables, connectors, or tools, to help us build up our network.

Solution Provider: Bring your software stack, chip, SDK, module, or similar, to test on the network.

Next Steps:

1. Register online: <https://us.profinet.com/plugfest>.
2. Make travel arrangements.
3. We will contact you regarding logistics.
4. Plugfest!

Hosted By:



Agenda:

Apr 14

Evening Setup

Apr 15

8:00am Sign-in & breakfast

8:30am Testing begins

12:00pm Hosted lunch onsite

5:00pm End of Day 1

6:30pm Hosted dinner

Apr 16

8:00am Breakfast

8:30am Testing resumes

12:00pm Hosted lunch onsite

2:00pm Large network test

5:00pm End of Plugfest

Testing:

- PROFINET Real Time (RT)
- Security Class 1/2/3
- Advanced Physical Layer (APL)
- Isochronous Real Time (IRT)
- Embedded Test System (ETS)
- Media Redundancy (MRP)
- System Redundancy (S2)
- GSD Checker
- PROFenergy
- Netload
- And more...