

OPC Foundation

Call for Participation 2026 to 2028

OPC UA FX™ Demo wall



OPC UA FX™ Demo wall

The OPC Foundation is building a multi-vendor demo wall to demonstrate the OPC UA FX Controller-to-Controller and Controller-to-Device use cases, capabilities and benefits to the public. The demo wall will be shown for the first time at the SPS 2026 in Nuremberg/Germany. The wall will also be displayed on multiple other events in 2027 and 2028. The illustration below gives you an overview about the planned layout.

Members of the OPC Foundation can participate in the demo with controllers, devices and applications supporting OPC UA and UAFX. Depending on the total number of participating companies or devices, the number of devices per manufacturer may be limited (e.g., to one device per device class).



OPC UA FX Demo wall

Companies can participate in the demo with the following controller / device / application types:

Category Controller (e.g. PLC, DCS, RC, MC, Soft PLC, vPLC)

- Controller Type A (UAFX C2C):
 - OPC UA FX Controller Profile (mandatory)
 - Support of OPC UA Companion Specification(s), e.g. PA-DIM, UA for Machinery (optional)
- Controller Type B (UAFX C2C+C2D):
 - OPC UA FX Controller Profile (mandatory)
 - Support of “UAFX Base Device Facet” (mandatory)
 - Support of OPC UA Companion Specification(s), e.g. PA-DIM, UA for Machinery (optional)

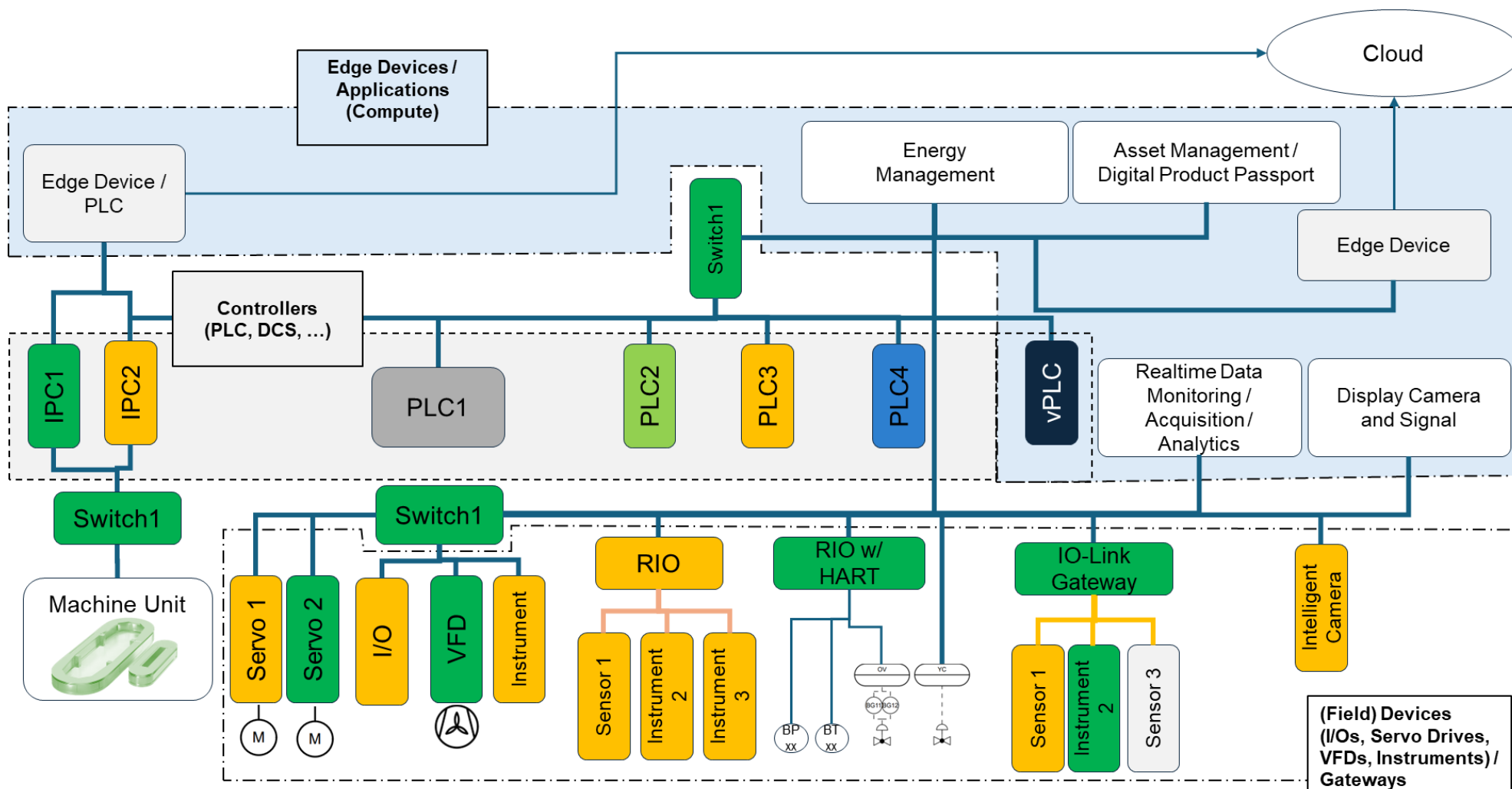
Category (Field) Device (e.g. Remote I/O, Servo drive, VFD, Instrument) / Gateway

- Device/ Gateway Type 1:
 - OPC UA Server (mandatory) + UAFX “Base Device” Information Model (mandatory)
 - Support of OPC UA Companion Specification(s), e.g. PA-DIM, UA for Machinery (optional)
 - Mapping to other communication interfaces, e.g. HART, IO-Link, ... (optional)
- Device/ Gateway Type 2:
 - OPC UA FX Automation Component (mandatory) + UAFX “Base Device Facet” (mandatory)
 - Support of OPC UA Companion Specification(s), e.g. PA-DIM, UA for Machinery (optional)
 - Mapping to other communication interfaces, e.g. HART, IO-Link, ... (optional)

Category Edge Device/ Application (e.g. Realtime Data Monitoring, Predictive Maintenance, Data Analytics, Energy Management)

- Edge Device/ Application Type X (UA):
 - OPC UA Client (mandatory)
 - OPC UA over MQTT (optional), support of OPC UA Companion Specification(s), e.g. PA-DIM, UA for Machinery (optional)
- Edge Device/ Application Type Y (UAFX):
 - OPC UA FX Automation Component (mandatory)
 - OPC UA over MQTT (optional), support of OPC UA Companion Specification(s), e.g. PA-DIM, UA for Machinery (optional)

OPC UA FX Demo wall (Layout)



Remark: The sketch above illustrates the proposed overall layout of the demo wall, without specifying the exact arrangement, such as device placement and the network connections between the devices/switches.

OPC UA FX Demo wall 2026-2028 – Show Rooms

European Demo wall at

✍ SPS 2026

European Demo wall, e.g. at

✍ Hannover Messe 2027

✍ ACHEMA 2027

✍ SPS Italia – Parma 2027

✍ SPS 2027

✍ Hannover Messe 2028

✍ SPS Italia – Parma 2028

✍ SPS 2028

and additional tradeshow & conferences in 2027 and 2028

Remark: It is planned to create similar demo walls for North America and Asia in 2027. For these other demowalls a separate Call for Participation will be issued in early 2027.



OPC UA FX Demo wall – Process

To Do's


- ✓ Fill out Participation Registration Form(s) (next pages)
 - ✎ Select Demo wall
 - ✎ Enter name and type of device
 - ✎ Provide size of device (incl. cable connections)
 - ✎ Specify required power supply
 - ✎ Fill out company / contact details
 - ✎ Send back until **June 1, 2026** to peter.lutz@opcfoundation.org

- ✓ Send your company logo in high resolution (jpg, eps) to peter.lutz@opcfoundation.org

OPC Office will

- ✓ confirm your participation
- ✓ send you further details about the timeline, logistics, ...

OPC UA FX Demo wall – Participation Registration Form (Controllers)

Participation Options	Subscription	Country	City	Item	Price*USD per device/application	Yes, we will participate
OPC UA FX Demo Wall	Two years (2026-2028)	Europe	On Tour	Controller Tile	<ul style="list-style-type: none"> ▪ Free (for FLC SC members) ▪ 2.000,00 (for all other OPCF members) 	
*Prices do not include VAT						
Controller Name						
Controller Type	<input type="checkbox"/> Type A (UAFX C2C)	<input type="checkbox"/> Type B (UAFX C2C + C2D)	<input type="checkbox"/> PLC, DCS, Robot/Motion Controller, ...		<input type="checkbox"/> Soft PLC, vPLC	
	<input type="checkbox"/> Support of the following Companion Specification(s) (optional):					
Controller Size (incl. Cable Connections)						
Required power supply						


Company Name:	
Company Address:	
Company Telephone:	
Contact person:	
Email address:	
Technical contact:	
Email address:	

OPC UA FX Demo wall – Participation Registration Form (Devices)

Participation Options	Subscription	Country	City	Item	Price*USD per device/application	Yes, we will participate		
OPC UA FX Demo Wall	Two years (2026-2028)	Europe	On Tour	Device Tile	<ul style="list-style-type: none"> ▪ Free (for FLC SC members) ▪ 2.000,00 (for all other OPCF members) 	<input type="checkbox"/>		
*Prices do not include VAT								
Device Name								
Device Type	<input type="checkbox"/> Type 1 (UA)	<input type="checkbox"/> Type 2 (UAFX)	<input type="checkbox"/> Remote I/O	<input type="checkbox"/> Motion device	<input type="checkbox"/> Field instrument	<input type="checkbox"/> Gateway	<input type="checkbox"/> Other: _____	<input type="checkbox"/> 100/1000BASE-T <input type="checkbox"/> SPE (10/100BASE-T1L) <input type="checkbox"/> APL (10BASE-1TL) <input type="checkbox"/> TSN-support
	<input type="checkbox"/> Support of the following Companion Specification(s) (optional):							
Device Size (incl. Cable Connections)								
Required power supply								


Company Name:	
Company Address:	
Company Telephone:	
Contact person:	
Email address:	
Technical contact:	
Email address:	

OPC UA FX Demo wall – Participation Registration Form (Applications)

Participation Options	Subscription	Country	City	Items	Price*USD per device/application	Yes, we will participate
OPC UA FX Demo Wall	Two years (2026-2028)	Europe	On Tour	Edge-Tile	<ul style="list-style-type: none"> ▪ Free (for FLC SC members) ▪ 2.000,00 (for all other OPCF members) 	
*Prices do not include VAT						
Edge Device / Application Name						
Edge Device / Application Type	<input type="checkbox"/> Type X (UA)	<input type="checkbox"/> Type Y (UAFX)	Please describe the application:			
	<input type="checkbox"/> Support of the following Companion Specification(s) (optional):					
Device Size (incl. Cable Connections)						
Required power supply						

Company Name:	
Company Address:	
Company Telephone:	
Contact person:	
Email address:	
Technical contact:	
Email address:	

OPC UA FX Demo wall – Participation Registration Form (Network Infrastructure)

Participation Options	Subscription	Country	City	Items	Price*USD per device/application	Yes, we will participate
OPC UA FX Demo Wall	Two years (2026-2028)	Europe	On Tour	Network-Tile	<ul style="list-style-type: none"> ▪ Free (for FLC SC members) ▪ 2.000,00 (for all other OPCF members) 	
*Prices do not include VAT						
Device Name						
Device Type	<input type="checkbox"/> Switch		<input type="checkbox"/> Router		<input type="checkbox"/> Other: _____	
Device Interfaces	<input type="checkbox"/> APL	<input type="checkbox"/> SPE	<input type="checkbox"/> RJ45	<input type="checkbox"/> Fiber	<input type="checkbox"/> TSN	<input type="checkbox"/> 5G
	<input type="checkbox"/> Wi-Fi	<input type="checkbox"/> Other: _____				
Device Size (incl. Cable Connections)						
Required power supply						

Company Name:	
Company Address:	
Company Telephone:	
Contact person:	
Email address:	
Technical contact:	
Email address:	

OPC UA FX Demo wall – FAQ

Q: What happens after the end of the contract period?

A: Fill out a new contract for further 2 years. If you do not want to continue to display your device we will dismantle and send it back to you.

If you have any further question, please get in contact to peter.lutz@opcfoundation.org