

OPC Foundation

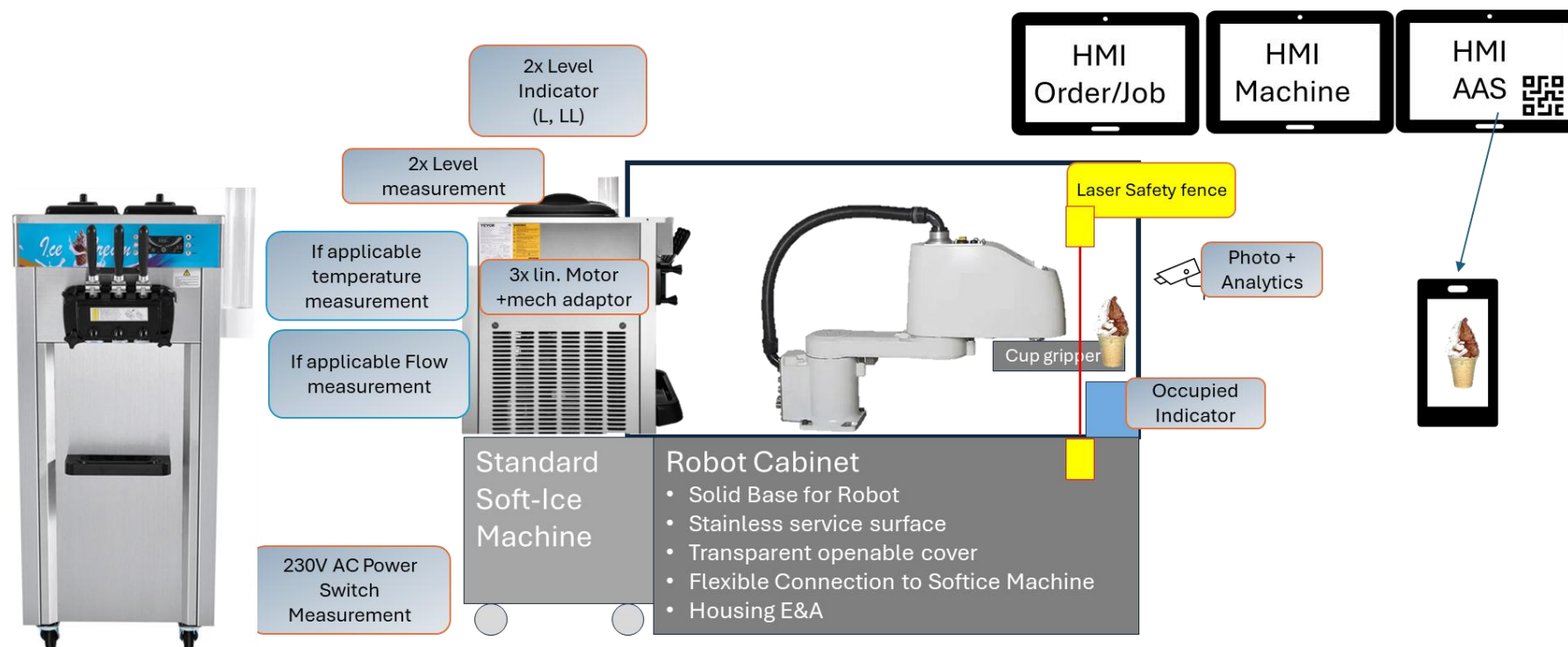
Call for Participation 2026 to 2028 OPC UA FX™ Demonstrator “Cool Robot”



OPC UA FX™ Demonstrator “Cool Robot”

The OPC Foundation is planning to create a multi-vendor “cool robot” to demonstrate the OPC UA FX Controller-to-Controller and Controller-to-Device use cases, capabilities and benefits to the public. The demonstrator will be a smart robotic ice cream kiosk that delivers fresh soft-serve with no human intervention. Visitors to the OPCF booth simply place their order, and an intelligent robot prepares and serves their ice cream with precision, hygiene, and consistency. The plan is to show this “cool robot” for the first time at the SPS 2026 in Nuremberg/Germany.

Members of the OPC Foundation can participate in the demonstrator with controllers, devices, and applications that support OPC UA and UAFX. As the total number of participating companies and devices is limited, selection will be made on a first-come, first-served basis.



OPC UA FX Demonstrator “Cool Robot”

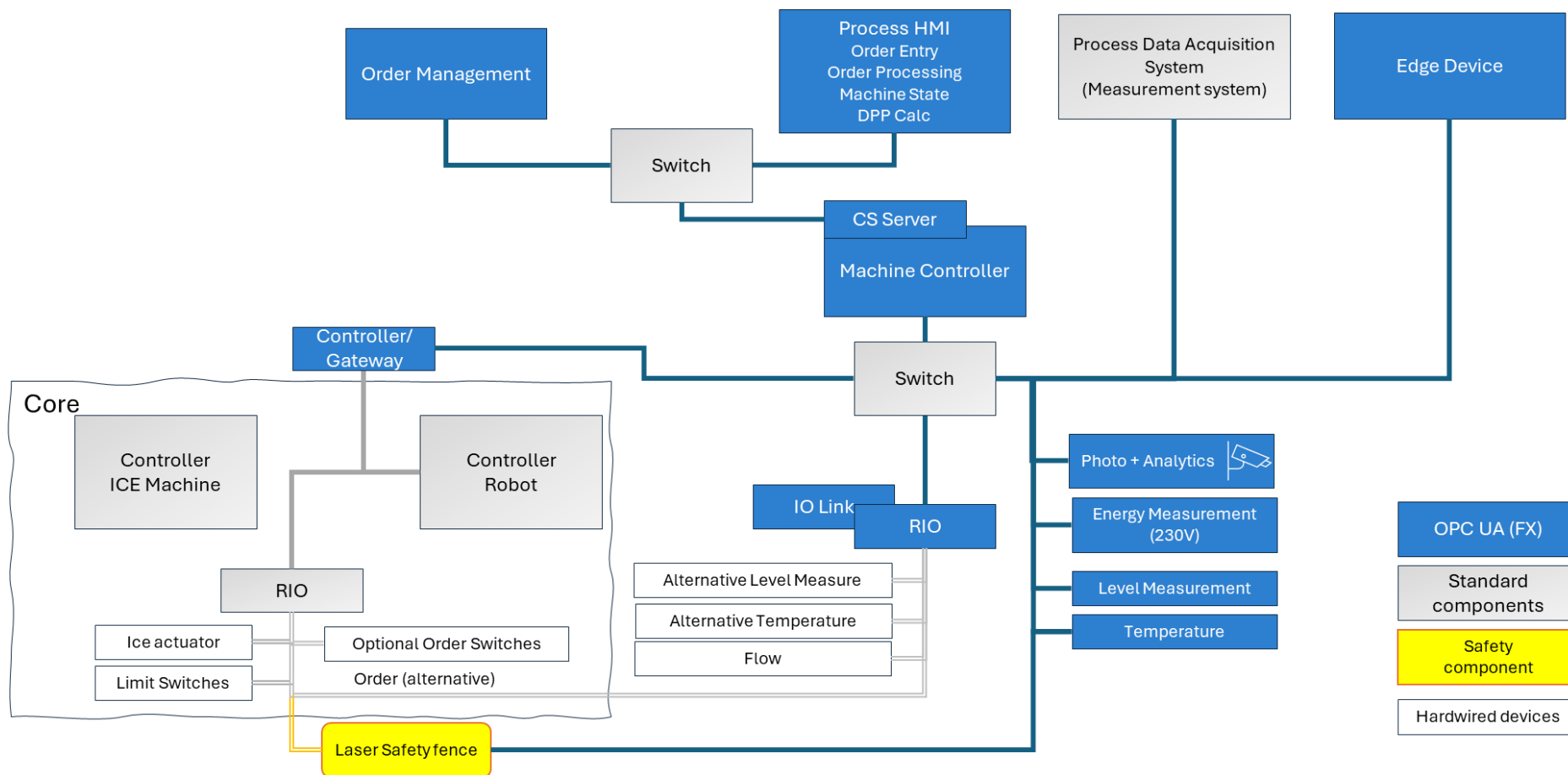
Companies can participate in the demo with the following equipment (hardware / software):

- Icemachine
- Robot
- Gripper

- Machine Controller (UAFX)
- Controller/Gateway (UAFX)
- Remote I/Os (UAFX)
- Sensors (non-UAFX, e.g. IO-Link, analog/digital)
- Temperature Transmitter (UAFX)
- Flow Transmitter (UAFX)
- Level Transmitter (UAFX)
- Order / Job Management (UA)
- PDA System (UA or UAFX)
- Process HMI (UA or UAFX)
- Edge Device (UA or UAFX)
- Network Switch(es)

- Energy Monitoring (optional)
- Camera (optional)
- Laser Safety Fence (optional)

OPC UA FX Demonstrator “Cool Robot” (Layout)



Remark: The sketch above illustrates the proposed overall layout of the demonstrator, without specifying the exact arrangement, such as device placement and network connections.

OPC UA FX Demonstrator “Cool Robot” 2026-2028 – Show Rooms

Demonstrator will be shown for the first time at

✍ SPS 2026

In the following years, the plan is to exhibit the demo machine at:

- ✍ Hannover Messe 2027
- ✍ AACHEMA 2027
- ✍ SPS Italia – Parma 2027
- ✍ SPS 2027
- ✍ Hannover Messe 2028
- ✍ SPS Italia – Parma 2028
- ✍ SPS 2028



OPC UA FX Demonstrator “Cool Robot” – Process

To Do's


- ✓ Fill out Participation Registration Form (next page)
 - ✎ Select Machine Demo
 - ✎ Enter name and type of device / application
 - ✎ 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 Demonstrator “Cool Robot” – Participation Registration Form

Participation Options	Subscription	Country	City	Item	Price*USD per device/application	Yes, we will participate		
OPC UA FX “Cool Robot”	Two years (2026-2028)	Europe	On Tour	Device / Application for Demo Machine	<ul style="list-style-type: none"> ▪ Free (for FLC SC members) ▪ 2.000,00 (for all other OPCF) 			
*Prices do not include VAT								
Device Name								
Device Type	<input type="checkbox"/> Machine Controller (UAFX)	<input type="checkbox"/> Controller Gateway (UAFX)	<input type="checkbox"/> Remote I/O (UAFX)	<input type="checkbox"/> Flow Transmitter (UAFX)	<input type="checkbox"/> Temperature Transmitter (UAFX)	<input type="checkbox"/> Level Transmitter (UAFX)	<input type="checkbox"/> Sensor (non-UAFX, e.g. IO-Link)	<input type="checkbox"/> Other: _____
Application Name								
Application Type	<input type="checkbox"/> Order / Job Management (UA)	<input type="checkbox"/> PDA System (UA or UAFX)	<input type="checkbox"/> Process HMI (UA or UAFX)	<input type="checkbox"/> Energy Monitoring (UA)	<input type="checkbox"/> Other: _____			
	<input type="checkbox"/> Support of the following Companion Specification(s) (optional):							
Remarks								

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

OPC UA FX Demonstrator – FAQ

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