

OPC DAY
FINLAND 2025
10.12.2025

Fluently from factory to the cloud with OPC UA

Jouni Aro
Chair, OPC Committee

SPONSORS:



BECKHOFF



FINNISH SOCIETY OF AUTOMATION
SUOMEN AUTOMAATIOSEURA RY

OPC Committee

Members 2025

- **Chair:** Jouni Aro, Prosys OPC
- **Secretary:** Ilkka Seilonen, Aalto University
- Lauri Haapanen, Ferroman
- Mikko Heikkilä, Beckhoff
- David Hästbacka, Tampere University
- Mika Karaila, Valmet
- Tommi Karhela, Semantum
- Tomi Lahti, Nokia
- Jukka Pirinen, Brightly Works
- Veli-Pekka Salo, Wapice

Finnish Society of Automation

- Marko Vuorio, Manager
- **Anu Randen-Siippainen**, Organisation and Event Coordinator

OPC Day History

Finnish Society of Automation

- 2002 OPC Roadshow
- 2003 OPC Session as part of SoftSympto '03 (Automaatiopäivät 2003)
- 2005-2011 OPC Day Finland
- 2012-2014 OPC & MES Day Finland
- 2015-2019 OPC Day Finland
- 2020-2021 OPC Day Finland (Virtual)
- **2022-2024 OPC Day Finland (Live again)**



SAS FSA
TheOPCFoundation

OPC Foundation

- 2011-2019 OPC Day Europe
- 2015-2019 North American Seminar Tour
- 2011-2019 Local OPC Day events in Europe and Asia
- **2020-2025 OPC Day International (Virtual)**

NFEA

- **2022-2025 OPC Day Norway**

GIMELEC

- **2022-2024 OPC Day France**

Programme

9:00 Opening: Jouni Aro, Finnish Society of Automation

9:10 Keynote: The Acceleration of Digital Manufacturing with Smart Machines and Software-Defined Factories, *Steve Blackwell, AWS*

9:40 Keynote: OPC Foundation and the Trends in Digitalisation, *Stefan Hoppe, OPC Foundation*

10:10 Coffee Break, Meet the Sponsors

10:40 OPC UA Cloud Initiative including Catena-X and Digital Product Passport, *Erich Barnstedt, Microsoft*

11:10 OPC UA and Battery Passport, *Arno Schmetz, Fraunhofer FFB*

11:40 Lunch Break, Meet the Sponsors

12:40 MTP in the Pharmaceutical Industry, *Thomas Makait, MTP4Pharma*

13:00 OPC UA Field Exchange – Status Update, *Peter Lutz, OPC Foundation*

13:20 Co-developing a pilot integration using OPC UA and MQTT - Deepening Integration in Manufacturing, *Ronal Bejarano, Wärtsilä & Timo Lundstedt, Konecranes*

13:40 Coffee Break, Meet the Sponsors

14:10 Agentic Machine Onboarding using SFC, *Hubert Asamer, AWS*

14:30 Possibilities of OPC UA from the Sterilizer Equipment Technology Perspective, *Juha Mattila, STERIS Life Sciences*

14:50 OPC UA industry examples, *Veli-Pekka Salo & Aurelian Pop, Wapice*

15:10 Break, Meet the Sponsors

15:40 AI Agent: MCP & OPC UA for Claude, *Mika Karaila, Valmet*

16:00 Interoperability in action: TwinCAT OPC UA, Pub/Sub and Companion Specifications driving machine-level integration *Michael Knossalla, Beckhoff*

16:20 Unified Namespace over OPC UA, *Pyry Grönholm, Prosys OPC*

16:40 Final Q&A

OPC UA Use Cases

- OPC UA Client/Server (C/S)
 - Process Monitoring
 - Production Control (SCADA)
 - Production Orchestration (MES)
- OPC UA PubSub UDP
 - Field Level
 - Field Exchange (OPC UA FX)
- OPC UA PubSub MQTT
 - Cloud Connectivity
 - Cloud Exchange (OPC UA CX)
 - Unified Namespace (UNS)

