

OPC DAY FINLAND 2016

TUESDAY, OCTOBER 18TH 2016 @BECKHOFF, HAKAKALLIONTIE 2, HYVINKÄÄ

Towards IoT platform economy with OPC UA

SPONSORS

BECKHOFF



NESTEJACOBS



SUOMEN AUTOMAATIOSEURA RY
FINNISH SOCIETY OF AUTOMATION

HISTORY

Finnish Society of Automation

- 2002 OPC Roadshow
- 2003 OPC Session as part of SoftSympo '03 (Automaatiopäivät 2003)
- 2005-2011 OPC Day Finland
- 2012-2014 OPC & MES Day Finland
- 2015 OPC Day Finland

OPC Europe & World

- 2011-2016 OPC Day Europe
 - 2011 OPC Day France, Belgium
 - 2012 OPC Day Austria, France
 - 2013 OPC Day Italy
 - 2015 OPC Day Belgium
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- 2015-2016 North American Seminar Tour
 - Trade Shows around the world

OPC UA

2007 Version 1.00
2009 Version 1.01
2012 Version 1.02
2015 Version 1.03

IEC 62541

2010-2012 Edition 1.0
2015-2016 Edition 2.0



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AGENDA

Towards IoT platform economy with OPC UA

9:00 - 9:10

Opening, Jouni Aro, Finnish Society of Automation

9:10 - 9:40

Keynote: Effects of IoT in Automation Systems,
Mikko Uuskoski, MD, Beckhoff Automation

9:40 - 10:10

Keynote: Industrial IoT Vision of OPC Foundation,
Stefan Hoppe, Vice President, OPC Foundation

10:10 - 10:40

Coffee Break and Exhibition

10:40 - 11:10

Platform economy is more than Uber,
Heikki Ailisto, VTT

11:10 - 11:40

Combining OPC UA and AutomationML,
Miriam Schleipen, Fraunhofer IOSB

11:40 - 12:40

Lunch and Exhibition



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AGENDA

Towards IoT platform economy with OPC UA

12:40 - 13:00

OPC UA for DEXPI, Nikolaos Papakonstantinou, VTT

13:00 - 13:30

OPC UA Technical Update (Pub/Sub Model), Matthias Damm, ascolab

13:30 - 13:50

OPC UA Security Testing, Pasi Ahonen, VTT

13:50 - 14:20

Coffee Break and Exhibition

14:20 - 14:50

OPC UA and Azure Cloud Platform, Erich Barnstedt, Microsoft

14:50 - 15:10

OPC UA Case Studies, Jouni Aro, Prosys OPC

15:10 - 15:30

Applying OPC UA on Sensor Level, Matthias Damm, Unified Automation

15:30 - 16:00

Break and Exhibition

16:00 - 16:20

OPC enabling Industrie 4.0, Jeff Bates, Kepware

16:20 - 16:40

Introduction to Matrikon & Product Portfolio, Cosmin Nan, Matrikon

16:40 - 17:00

Hands-on Demonstration; Setting up the OPC UA in TwinCAT3,
Aapo Vuoristo, Beckhoff Automation

17:00 - 17:10

Closing Discussion



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Welcome!

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NOVOTEK ←

KLINKMANN

MatrikonOPC

NESTEJACOBS

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 **Unified
Automation**

Valmet 
FORWARD

 **VTT**