

# Engineering INNOVATION



## SPS IPC Drives 2016

Nuremberg, Germany, November 22-24

### About SPS IPC Drives 2016

SPS IPC Drives is Europe's leading exhibition for electric automation.

Meet suppliers of electric automation technology from around the world. Inform yourself about all products, trends and innovations within the industry from **November 22-24, 2016 in Nuremberg**. The trade fair offers you the perfect platform to search the right solutions for your automation tasks.

Visit us at the TI Booth to see our eye-catcher demos focusing on drives, control, Smart Factory – Industry 4.0, Industrial Ethernet and TI Designs. Discuss with our experts in the areas of drives, control, TI Designs, sensing, power and industrial communications.

**Date:** November 22-24, 2016

**Location:** Exhibition center Nuremberg (Messe Nürnberg)  
Messeplatz 1, 90471 Nuremberg, Germany

**TI booth: Hall 6, Booth #441.** Here you can find a [map of the Exhibition center Nuremberg](#) as well as information [how to get there](#).

### Show schedule:

**Tuesday, November 22nd** - 9 AM – 6 PM

**Wednesday, November 23rd** - 9 AM – 6 PM

**Thursday, November 24th** - 9 AM – 5 PM

## TI presence at SPS 2016

TI's presence at SPS 2016 will include a TI booth with eye-catcher demos focusing on drives, control, Smart Factory – Industry 4.0, Industrial Ethernet and TI Designs. In addition we will showcase boards focusing on areas of sensing, industrial communications and power.

### Find out more on TI's industrial solutions:

[www.ti.com/automation](http://www.ti.com/automation)

[www.ti.com/industrialcommunications](http://www.ti.com/industrialcommunications)

[www.ti.com/motors](http://www.ti.com/motors)

[www.ti.com/industrial](http://www.ti.com/industrial)

Start your design with our resources such as TI Designs or TI E2E™ Community [www.ti.com/resources](http://www.ti.com/resources)

### In addition, TI products are also showcased at:

**EtherCAT** Hall 2, Booth #338

**ODVA** Hall 2, Booth #458

**POWERLINK** Hall 2, Booth #410

**PROFIBUS** Hall 2, Booth #220/1 (company kiosk)

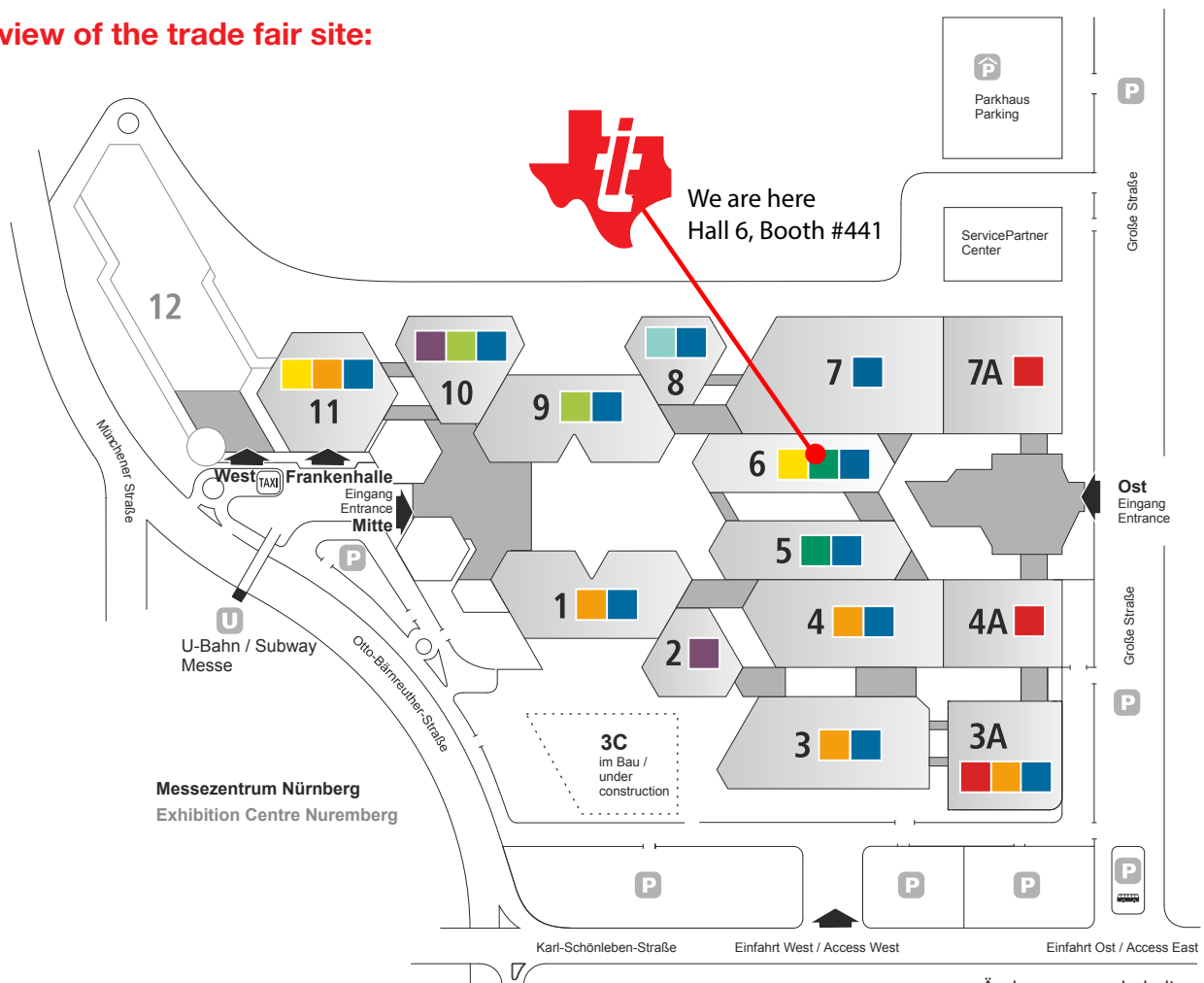
**Sercos** Hall 2, Booth #440 (company kiosk)

**Tickets:** Please register [here](#) before the show to get a free ticket for one day.

## TI's eye-catcher demos at SPS 2016

Demo Name	Demo description
<b>Smart Factory - Industry 4.0</b>	Visit the industrial demo showcasing TI technology enabling Industry 4.0 and the smart factory of tomorrow leveraging TI solutions for real-time Ethernet with EtherCAT. Take a closer look at sensor communications with wired technologies like IO-Link and wireless technologies such as <i>Bluetooth</i> ® low energy, and explore how TI's gallium nitride (GaN) technology significantly increases the efficiency in variable speed motor drives.
<b>Industrial Ethernet with 4 µs cycle time</b>	The demo features Industrial Ethernet with 4 µs cycle time. The application shown is one master device which controls 4 axis with a control frequency of 250 kHz. It replaces analog signals for stepper motor control with packet based communication. The four stepper motors are driven with DRV8711 which supports maximum step frequency of 250kHz. Industrial Ethernet with 4 µs cycle time is implemented on Sitara™ processor using Industrial Communication Sub-System (ICSS).

## Overview of the trade fair site:



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### Products

Audio	<a href="http://www.ti.com/audio">www.ti.com/audio</a>
Amplifiers	<a href="http://amplifier.ti.com">amplifier.ti.com</a>
Data Converters	<a href="http://dataconverter.ti.com">dataconverter.ti.com</a>
DLP® Products	<a href="http://www.dlp.com">www.dlp.com</a>
DSP	<a href="http://dsp.ti.com">dsp.ti.com</a>
Clocks and Timers	<a href="http://www.ti.com/clocks">www.ti.com/clocks</a>
Interface	<a href="http://interface.ti.com">interface.ti.com</a>
Logic	<a href="http://logic.ti.com">logic.ti.com</a>
Power Mgmt	<a href="http://power.ti.com">power.ti.com</a>
Microcontrollers	<a href="http://microcontroller.ti.com">microcontroller.ti.com</a>
RFID	<a href="http://www.ti-rfid.com">www.ti-rfid.com</a>
OMAP Applications Processors	<a href="http://www.ti.com/omap">www.ti.com/omap</a>
Wireless Connectivity	<a href="http://www.ti.com/wirelessconnectivity">www.ti.com/wirelessconnectivity</a>

### Applications

Automotive and Transportation	<a href="http://www.ti.com/automotive">www.ti.com/automotive</a>
Communications and Telecom	<a href="http://www.ti.com/communications">www.ti.com/communications</a>
Computers and Peripherals	<a href="http://www.ti.com/computers">www.ti.com/computers</a>
Consumer Electronics	<a href="http://www.ti.com/consumer-apps">www.ti.com/consumer-apps</a>
Energy and Lighting	<a href="http://www.ti.com/energy">www.ti.com/energy</a>
Industrial	<a href="http://www.ti.com/industrial">www.ti.com/industrial</a>
Medical	<a href="http://www.ti.com/medical">www.ti.com/medical</a>
Security	<a href="http://www.ti.com/security">www.ti.com/security</a>
Space, Avionics and Defense	<a href="http://www.ti.com/space-avionics-defense">www.ti.com/space-avionics-defense</a>
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### TI E2E Community

[e2e.ti.com](http://e2e.ti.com)