



## Workshop: Realizing Engineering Efficiencies - Hands-on Workshop with TIA Portal V13

Thursday, September 3, 2015

This is a hands-on opportunity to experience how the Totally Integrated Automation Portal (TIA Portal) can reduce engineering development and machine downtime.

In this seminar you will work with the TIA Portal engineering software to configure an automation station consisting of a S7-1500 and S7-1200 PLC, HMI Comfort Panel, ET 200SP remote I/O and a SINAMICS G120 drive and motor.

**This event is hosted by:**



Through a series of hands-on modules, you'll be able to put the TIA Portal through its paces. You'll see how the innovative software, powerful hardware, industrial communications, and motion and drives all work together to provide unparalleled performance and results.

### Participant benefits:

Experience how you can reduce engineering time by up to 30% in the design, commissioning and maintenance phases.

Learn how a flexible and scalable machine configuration results in faster time to market.

Observe how integrated diagnostics speed up commissioning – onsite or from remote locations

### What you will do and learn:

Siemens will share expert advice on new automation tools and technology aimed at driving efficiency, reducing costs and boosting productivity.

More specifically, you'll be guided through a series of hands-on modules to experience first-hand the benefits offered by Totally Integrated Automation.

**Module 1:** Intuitive Development - Develop an application project using the TIA Portal to experience the integration and ease-of-use for PLC, HMI and Drive programming that speeds learning and minimizes training costs.

**Module 2:** Drive Integration - Experience how a drive can be easily configured and programmed to get the motor turning as quickly as possible, and then controlled from the PLC and HMI.

**Module 3:** Diagnostic Features - Observe how the integrated diagnostics on the PLC Display, HMI Panels, Engineering SW and Web Server troubleshoot faults and reduce downtime with minimum user configuration.

**Module 4:** Efficiency Concept - Using the Library functions of the software, experience how to easily reuse parts of a program, resulting in reduced engineering time on current and future projects.

**Module 5:** HMI Functions - Configure an HMI panel using tools to easily create HMI screens and using Faceplates to reduce screen configuration time.



**Host Company:** Auburn Armature, Inc

### Location:

Courtyard Carrier Circle  
6415 Yorktown Circle  
East Syracuse, New York 13057

### Date:

09/03/2015

09:00 AM - 03:00 PM

### **Register now!**

If you have questions please contact us!

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