

ACD CONNECT

PA: PITTSBURGH, ERIE, STATE COLLEGE | WV: MORGANTOWN, CHARLESTON | OH: CLEVELAND, AKRON, CANTON, YOUNGSTOWN

ACD INTRODUCES... SIEMENS SIMATIC S7-1500 ENGINEERED WITH TIA PORTAL

The SIMATIC S7-1500 controller family sets new standards in **Power** and **Efficiency** for maximum productivity. It offers the **ultimate plus in automation** by expanding the advantages of the existing SIMATIC S7-1200 micro-controller into higher level PLC applications, adding advanced functionality such as integrated motion control.

The controller also has **Drive Integration with StartDrive**. StartDrive is the next generation commissioning tool for the SINAMICS family of drives specifically designed to be fully integrated into the TIA Portal engineering software, providing a seamless user experience and common data management and libraries for consistency across the project.

The **TIA Portal engineering software** further incorporates a host of new and advanced features, such as “no programming” system diagnostics and security integrated to name a few. **TIA Portal Professional** version allows S7-300 and S7-400 hardware to be incorporated into projects.

Please note: The Siemens S7-300 and S7-400 PLCs will remain active products for the next several years.

View the SIMATIC S7-1500 brochure and more. www.acdist.com/22 •



INSIDE THIS ISSUE

Product Spotlight	2
Who's Who	3
Tech Bulletins	3
Specialized Training Events.	4



ACD Participates in Ribbon Cutting Ceremony

ACD was officially welcomed by the local Chamber of Commerce to our new corporate headquarters in Cranberry Twp., PA. Lou Dellemonache, President of ACD, had the honor of cutting the ceremonial red ribbon on behalf of ACD.

ACD PRODUCT VAN



The ACD product van offers our customers a unique hands-on approach to our extensive portfolio of product offerings.

The product van contains functional hardware from several manufacturers such as Siemens, Omron STI, Hubner, Weidmuller, Mersen, Carlo Gavazzi, and eWON, and includes various industrial applications including PLCs, HMIs, wireless I/O, networking, AC motor control, sensors, and machine safety.



The product van was strategically developed as a mobile platform capable of visiting our customer's location to demonstrate the newest technology available. During these visits our knowledgeable sales staff and application engineers demonstrate and discuss product and application questions. Typically, we visit the customer's site, provide breakfast and/or lunch with minimal interruption.

Contact your ACD Account Manager today for more details. •

Dialight

Take Advantage of the Dialight LED Lighting Compare in the Air – TRIAL PROGRAM

Dialight makes it easy for ACD customers to realize the significant benefits of LED Lighting.

ACD will facilitate the installation of up to 4 Dialight fixtures for a 90 day trial period. If our customers are not fully satisfied after 90 days, fixtures may be returned.

Contact your ACD Account Manager for additional information on this program.

Dialight Compare in the Air Program Details www.acdist.com/22

In a Tizzy Over Safety? Let ACD Help Alleviate Your Concerns.

The correct application of Safety PLCs can be a daunting task. Before settling on any particular brand or style, you need to know ALL of the options available to you and their capabilities.

ACD can help you select the correct Safety platform for your application from an extensive list of possibilities. . .



S7-400F For plant wide systems

S7-300F For process lines

IM151-7F/8F For individual machines

IM154-8F For individual machines (cabinet free installation)

Siemens Safety PLCs:

- Include builtin safety/standard communication ports allowing the use of distributed safety I/O and safety devices, (ex. failsafe VFDs).

- S7-300/IM15x PLCs do not require racks or specialized power supplies.
- Support up to 2 safety runtime groups. This allows the users to implement the safety system at two different time cycles and priorities.
- Provide standard technical support at no charge.
- Support writing to standard outputs from the safety program, (ex. control the safe output and standard lamp output on the same network in the safety logic).

Please contact your account manager for more information on Siemens Safety PLCs. •

SIEMENS

Utilize Same Drive Offering with Different Automation Platforms

Take advantage of Siemens' progressive developments in Industrial Ethernet technology and open connectivity. With direct network connectivity to PROFINET, EtherNet/IP and standard Ethernet TCP/IP, SINAMICS Drives fit comfortably within your plant's network, providing you with maximum productivity and capacity planning.

SINAMICS G120



Open loop vector drive that offers high levels of integrated safety, energy savings, and Ethernet connectivity • 0.5 - 400

HP @ 380 - 690V

SINAMICS G130



Modular set of drive components for integration into enclosures • 150 - 800 HP @ 380 - 600V

SINAMICS G150



Air or water cooled, variable speed drive ideal for applications that do not require regeneration back into the power supply

system • 150 - 800 HP @ 380 - 600V

SINAMICS S120



Modular, Flexible Drive System for Vector, Servo, VHz, Single- or Multi-Axis Application

• 0.16 - 1,250 HP @

230 - 690V

SINAMICS S150



Enclosed air-cooled AC/AC variable speed drive ideal for high performance applications that require

regeneration back into the power supply system • 150 - 1,250 HP @ 380 - 690V

SINAMICS DCM



(EIP connectivity coming soon)

DC drives combining open

and closed-loop control and power units in one device, in a compact, space-saving design • 5 to 24,000 HP @ 85 to

950V •

View additional information and links. www.acdist.com/22



Curtis Kingery ACD, Account Manager Elkview, WV



Curtis Kingery has accepted the position of Account Manager for ACD. He is responsible for sales coverage of

southern West Virginia market including Marietta, Parkersburg, Huntington, Charleston and Logan, and will report to Vince Gianfrancesco. Curtis brings to ACD an extensive knowledge of fiber optics, electronics, and RFID technology and comes to ACD from various industries including his latest position at Fastenal.

Tim Beck ACD, Account Manager Cranberry Twp., PA



Please join us in welcoming Tim Beck, new Account Manager for ACD. He is responsible for sales coverage of Allegheny

County in Pennsylvania and Northern West Virginia, and will report to Vince Gianfrancesco. Tim has vast experience in outside sales selling both heating controls and industrial controls. He comes to ACD from Hy Tech Sales. •

TECH BULLETINS

ACD Introduces Product Technical Bulletins

ACD is dedicated to providing up-to-date technical information related to our product offerings.

Each technical bulletin will include a title, issue number, and brief, informative description covering an important technical issue. For additional information, please contact ACD Technical Support.

TECH BULLETIN 4_13_1

SIMATIC Touch Panels (TPs), Operator Panels (OPs), Multi Panels (MPs) Product Maturity

View the Technical Bulletin links and more. www.acdist.com/22 •



SPECIALIZED TRAINING EVENTS

SITRAIN™ TRAINING EVENTS AT ACD*

Register for trainings at www.sea.siemens.com/training or call ACD at 1-800-866-7740.

Course Code	Course Title	Start Date
SCT-S7TIAP2B	S7 TIA Programming 2	6/3/2013
SCT-S7TIAP1B	S7 TIA Programming 1	7/22/2013
SCT-S7300S1B	S7 System Tools & Troubleshooting 1	9/9/2013
SCT-S7TIAP1B	S7 TIA Programming 1	9/23/2013
SCT-S7TIAP2B	S7 TIA Programming 2	11/4/2013
SCT-S7TIAP1B	S7 TIA Programming 1	12/16/2013

SIMATIC® S7 S7 System Tools & Troubleshooting 1

This course is designed for industry "first responders" to operations controlled with Siemens STEP 7 automated control systems. Students not requiring programming skills, such as maintenance technicians, electricians, supervisors and others, who need an understanding of their Siemens control system to maximize line uptime, should attend this course. This course also makes a great platform for those new to automation systems and industrial electronics.

SIMATIC® S7 S7 TIA Programming 1

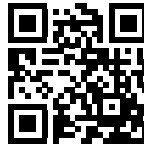
This course is for SIMATIC S7-300/400 PLC users with basic engineering experience in the design and sustaining of SIMATIC automation systems and their application programs.

SIMATIC® S7 S7 TIA Programming 2

This course is for SIMATIC S7-300/400 PLC users with basic engineering experience in the design and sustaining of SIMATIC automation systems and their application programs.

For complete course prerequisites, description and objectives visit www.acdist.com/events

*each class is a 4 1/2 day course



TIA Portal Half-Day Workshop

For a quick introduction to Step7 TIA Portal (v12), join us for a 1/2 day workshop on the basics of the development software. The introductory-level workshop will cover hardware configuration, basic program structure, symbols, and HMI.

The workshop will run from 8:30 to noon on 6/20/2013, in our Streetsboro, OH facility. This will be an overview level class with the goal of touching on as many key aspects as possible.

Advanced Controls & Distribution
555 Frost Road, Suite 105
Streetsboro, OH 44241

SAVE THE DATE



All 2013 classes will be held at our new Cranberry Twp., PA location.

ADVANCED CONTROLS & DISTRIBUTION



20800 ROUTE 19
CRANBERRY TWP., PA 16066
WWW.ACDIST.COM

TRAINING SCHEDULE WORKSHOPS

SPECIALIZED TRAINING EVENTS
SIMATIC® S7

S7 System Tools & Troubleshooting 1 September 9, 2013

S7 TIA Programming 1 July 22, 2013

September 23, 2013
December 16, 2013

S7 TIA Programming 2 June 3, 2013

November 4, 2013

MORE DETAILS INSIDE THIS ISSUE
REGISTER AT ACD: 800-866-7740



ACD will be providing product updates, workshop announcements and application notes via Twitter.
@ACD_Dist