

ACD CONNECT

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ACD REDESIGNS THE PV 2.0 WITH ALL NEW PRODUCTS AND DISPLAYS

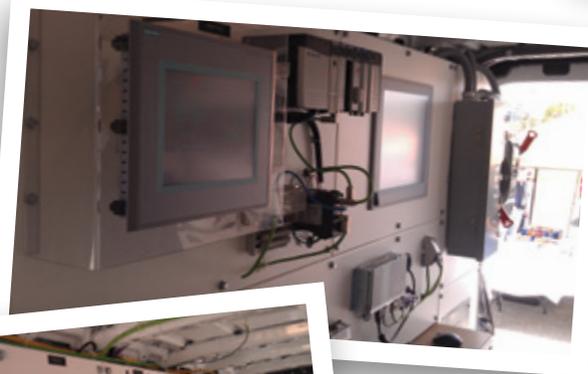
Recently, ACD has redesigned its Product Van (PV 2.0) with all new products and displays. All displays are completely operational. The PV 2.0 is used as both a sales and training tool for our customers. Engineering, Maintenance, Purchasing, Safety and all other departments will benefit from a visit from the product van.

It is scheduled for 40 different visits to our customers... we even cook breakfast or lunch!

The PV 2.0 now features:

- Siemens New HMIs
- Siemens S7-1200 PLCs
- Siemens Micro-Box Industrial PC
- Siemens G120 AC Drives
- Siemens 6RA80 DC Drive
- STI Light Curtains
- Dialight High Bay LED Lighting
- Hubner Industrial Encoder System
- eWON – Remote Machine Access via Cloud Connectivity
- Liebert UPS

For more information on scheduling a visit from the PV 2.0, please contact us at sales@acdlist.com



Request a visit from the ACD Product Van.

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ADVANCED CONTROLS & DISTRIBUTION

WWW.ACDIST.COM

Siemens Extends Automation Flexibility with EtherNet/IP Communications Capability

Siemens SINAMICS S120 AC Drives now have EtherNet/IP communications capability along with PROFINET, standard Ethernet TCP/IP and PROFIBUS as additional options. With these incredible communication options, SINAMICS S120 AC Drives will easily integrate into your plant's network.



In a global environment, with demanding and ever-changing requirements, a standard and flexible machine design may seem impossible. The SINAMICS S120 drive platform is a single product line designed to meet a very broad range of applications along with different motor types and power ranges.

Highlights of the SINAMICS S120 AC Drives:

- Single drive and common DC bus configurations
- Wide power range from 0.25 HP to over 2500 HP
- Voltage offerings from 230 VAC to 690 VAC
- Operation in servo, vector and V/Hz modes
- Full range of Safety Integrated features (machine safety functions)
- Powersaving line regenerative rectifiers
- Active Front End Rectifier technology for premium efficiency and performance
- Built-in positioning and programmable logic functions



In the near future, Siemens will also offer its new EIP200S remote I/O with EtherNet/IP capability.

ACD has the Solution for Loading Dock Safety –Omron STI DSS Trapped Key Loading Dock Safety System

"OSHA reports over 4800 loading dock accidents a year because of forklifts driving off the dock causing injury to the worker as well as damaging the equipment."

The Loading Dock Safety System is:

- Easy to use.
- Versatile – Will work with all vehicle types and existing systems.
- Reliable
- Fast Installation

Ensures the safety of your people without high costs.



This trap key system will be the most effective and reliable solution for your company.

It will provide you with a safe working environment and keep you in compliance with Government safety regulations WITHOUT wheel chocks or expensive restraint systems.

Cementex

ACD Now Offers Personal Protection Equipment (PPE) and Insulated Tools from Cementex

Experience, adaptability, quality and vision are the foundation of the Cementex brand of double-insulated tools and safety related products. Cementex continued use of American tools, fabrics and labor paired with these fundamentals not only set them apart from the imitators but have also established them as the trusted safety tool specialists.

Cementex is the only design-driven manufacturer of double-insulated hand tools in the market. Their performance standard is what the non-manufacturing competition strive to model.

Safe tools are the most important part of doing the job right—Cementex's complete offering of American made double-insulated 1000V safety tools and personal protective equipment help you meet the requirements of OSHA, NFPA 70E and CSA Z462 standards.

Protect your firm's most valuable assets—your employees and equipment and mitigate your risk today with Cementex's complete line of electrical safety equipment. Start today by learning more about the standards on the ACD website.



View complete brochures of these products and more on the ACD website.
www.acdist.com/18



Ask the ACD A.E.

"How do I resolve the 'DCOM Settings' error that occurs during installation of Step 7 V11"?

- Option 1: The DCOM on Windows Vista, 7 and XP must have the "Default Authentication Level" set to the value, "Default".
- Option 2: Delete the value from the registry... "LegacyAuthenticationLevel"

View the screen prints on the ACD website for instructions. www.acdist.com/18



ACD Application Note

Creating User Defined Web Pages on a S7-1200

Problem

Modern automation technology increasingly integrates internet technologies which – together with an integrated Ethernet-based communication – enable, for example, direct access to the system via the intranet. During the test and commissioning phase, the commissioning engineer wants to have flexible access to the CPU; individual data are to be visualized during operation for diagnostic purposes: For access mechanisms via the internet or intranet it is reasonable to use already existing standards such as the http technology, standard web browsers and common "languages" such as HTML or JavaScript.

Solution

SIMATIC CPUs with PROFINET interface provide the opportunity to access variables of the CPU with the help of web pages provided by the system. The integrated web server of the S7-CPU is accessed via a standard web browser:

In addition to the standard mechanisms of the web page such as identification, diagnostic buffer, module status, communication, variable status and data log, individual web pages can be designed and called for your particular application.

This application shows how to create your own user-defined web pages for S7-1200 easily and quickly. Prior knowledge in HTML-programming is not absolutely necessary.

<http://support.automation.siemens.com/WW/view/en/58862931>



ACD Software Center

The ACD website has a great feature... the Software Center. This section, of the website, lists all Siemens software, current versions, part numbers and links to service packs. The Software Center eliminates time consuming internet searches for current software versions and service packs. Information is updated monthly by ACD Application Engineers.

This feature (as with many others) is also available via smartphone by scanning the following QR code.

View the for complete Siemens brochures on the ACD website. www.acdist.com/softwarecenter



Meet the IT Guys

Scott Ewart



Scott has been anchoring the ACD IT Department since 2006. He does a tremendous job keeping the "engine" or Epicor business system operating with maximum up time. He

also provides IT support for Premier Automation. Scott is a graduate of Penn State. Obviously, Scott is a very valuable member of the ACD Team.

Anthony Bonante



Anthony is a new ACD employee. He recently joined ACD from the Tri-Boro Credit Union.

Anthony's role in the ACD IT Department is to upgrade employees to the

latest hardware along with designing the new systems for the ACD Cranberry Twp. location. He is a graduate of Penn Technical Institute. We are very excited about the addition of Anthony to the ACD Team. •

ACDCONNECT HTML.

The ACD CONNECT newsletter is now available as an HTML email. To receive your newsletter electronically, send an email to Lou Dellemonache (LDellemonache@acdist.com) with the subject line: ACD CONNECT VIA EMAIL or scan the following QR Code.



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	6/4/2012
SCT-S7TIAP1B	S7 TIA Programming 1	7/23/2012
SCT-S7300S1B	S7 System Tools & Troubleshooting 1	9/10/2012
SCT-S7TIAP1B	S7 TIA Programming 1	9/24/2012
SCT-S7TIAP2B	S7 TIA Programming 2	11/5/2012
SCT-S7TIAP1B	S7 TIA Programming 1	12/17/2012

SIMATIC® S7 S7 System Tools & Troubleshooting 1

Week of: September 10, 2012

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. PLEASE NOTE: If PLC programming as a job skill is required, one may consider the S7 Programming I, instead.

Modular in design, this course is fully customizable for those interested in on-site training. Topics can be added or removed to meet specific needs. Call 800-241-4453 for more details.

SIMATIC® S7 S7 TIA Programming 1

Weeks of: July 23, 2012; September 24, 2012 and December 17, 2012

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

Week of: June 4, 2012

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



ADVANCED CONTROLS & DISTRIBUTION



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TRAINING SCHEDULE WORKSHOPS

SPECIALIZED TRAINING EVENTS
SIMATIC® S7

S7 System Tools & Troubleshooting 1

September 12
March 5

S7 TIA Programming 1

July 23
September 24
December 17

S7 TIA Programming 2

June 4

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