SIEMENS

Industry

September 1, 2011

Reference: APACS+ and QUADLOG Product Line Cancellation Announcement

Dear Valued Customer:

We appreciate the confidence you have placed in Siemens by installing our process automation platforms and want to ensure that you realize the maximum return for your investment. This important announcement is part of our continuing communications to provide you with the information needed to effectively manage your installed systems.

This official announcement notifies you that the APACS+™ and QUADLOG® product lines, including ACM, ACM+, ACMx, CCMx, and all I/O modules, will be transitioned to the "cancellation" product phase effective October 1, 2011. You may still purchase I/O Modules as "spare" parts after October 1, 2011. Siemens will continue to work to extend this time as long as possible, however each sale will be evaluated to ensure that our support commitments through September 30, 2020 can be met.

The ACM and CCM line of controllers will not be available as "spares" as of October 1, 2011. The ACM and CCM will continue to be available as Repair Parts Only. All versions of Controllers and IO Modules qualify for Repair Parts Only support, with the expectation that the replacement offered may be a newer version. Appendix A provides a detailed list of products. Any product not listed in Appendix A has already reached Product Discontinuation and is not supportable.

APACS+ Software is entering Product Phase Out effective October 1, 2011. This is being done to synchronize the entire product portfolio. The last time buy will extend to October 1, 2012 with the expectation that the APACS+ Control Engineering/Development software (4-mation) will continue to be available throughout the APACS+ lifecycle. This announcement does not affect the availability of the PCS 7 / APACS+ OS Software product line.
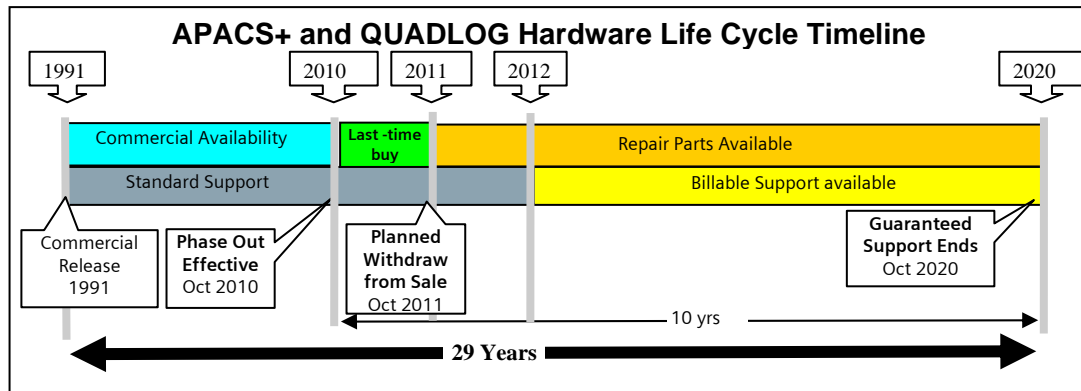
The status of APACS+ components is outlined in the chart below.

General Component Family	Status as of Oct. 1, 2011	SIMATIC PCS 7 Replacement
ACMx	Cancellation, Repair Parts Only	AS417 controller
CCMx	Cancellation, Repair Parts Only	AS417 F controller
I/O Modules	Cancellation, Continued Availability	PCS 7 ET200 I/O
MBI Card	Cancellation, Repair Parts Only	IEM
APACS+ Software	Product Phase Out	SIMATIC PCS 7

Component obsolescence and advancing technology is driving the need to "phase out" this product family. This announcement is the latest in a range of communications over the last five years, explaining the APACS+ and QUADLOG Product Life Cycle. As has been communicated to you in the past, Siemens is committed to providing functional replacement components and

systems through the SIMATIC PCS 7 product line. Siemens will continue to support existing APACS+ and QUADLOG hardware through October 1, 2020.

Below is the APACS+ and QUADLOG Product Life Cycle timeline. The goal of communicating these details is to help you to develop a life cycle management plan for your installed systems, with assistance from Siemens, which best fits your business situation and objectives.

APACS+ and QUADLOG Hardware Life Cycle Timeline

| 1991 | | 2010 | 2011 | 2012 | | 2020 |

| Commercial Availability | Last-time buy | Repair Parts Available |
| Standard Support | | Billable Support available |

Commercial Release 1991

Phase Out Effective Oct 2010

Planned Withdraw from Sale Oct 2011

Guaranteed Support Ends Oct 2020

10 yrs

29 Years

Definition of terms used in the preceding chart:

- **Commercial Availability**— Products are available for sale and is included in the "Delivery Release" announcement.
- **Last-time Buy –** Products are available for sale (same status as commercial availability). The last- time buy period is one year. This period begins with the "Phase Out" announcement.
- **Product Cancellation-** Products enter the period of Technical Support and Repair Parts Available. Typically an RMA is issued to initiate the Repair Parts replacement. Some products that enter Product Cancellation may continue to be offered as "spares". This will continue as long as product support commitments can be met. In the case of APACS+ and QUADLOG this means providing support to September 30, 2020.
- **Repair Parts Available** – Products are no longer offered for sale; however, they are available for replacement of failed components. This period begins with the "Product Cancellation" announcement.
- **Standard Product Support** — Standard support is in effect until October 1, 2012. There is no charge for standard product support.
- **Billable Product Support** — Extended support starts October 1, 2012, and is available until October 2020. This is a billable service and can be redeemed via the Automation Value Card (AVC).
- **Availability of Product Support** — After October 2020, support cannot be guaranteed; however, Siemens will continue to support APACS+ and QUADLOG for as long as resources remain available to do so. This period begins with the "Product Discontinuation" announcement.

- PCS 7/APACS+ OS – This is the newest Human Machine Interface (HMI) for APACS+ Systems. The PCS 7/APACS+ OS can be placed directly on the M-BUS network or on the Ethernet using the Industrial Ethernet Module (IEM).
- DP/IO Bus Link – This module fits into a standard APACS+ rack and replaces the ACM (or CCM in a QUADLOG system). Once the DP/IO Bus Link is installed, the APACS+ I/O is treated as remote I/O from a standard PCS 7 Controller.
- Industrial Ethernet Module (IEM) - This is a box that transforms the M-BUS into Ethernet signals. Use the IEM to connect other Ethernet devices (like the PCS 7/APACS+ OS) to an existing APACS+ system.
- Services: Siemens provides various services to assist with the transformation to PCS 7.
  - Graphic Conversion – Transform your ProcessSuite or APS graphics to PCS 7 graphics.
  - ACM/CCM Configuration Conversion – Translate your existing APACS+ 4-*mation* code into native PCS 7 controller code.
  - Audit and Evaluation Service – Siemens can help you make a decision on your future path by enumerating your equipment, network, and configuration.

For more information, Appendix A lists the APACS+ products that are affected by this announcement. Appendix B contains frequently asked questions. Thank you for your continued loyalty to the APACS+ Product Line. If you need additional consultation, please feel free to contact your local account manager.

Sincerely,

Stacey Jarlsberg   Ken Keiser
APACS+ Product Manager   Migration Marketing Manager

September 1, 2011

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Appendix A:

The following list shows the products included in this cancellation announcement and the year they will be withdrawn from sale.

The UPH: prefix was added to part numbers in 2004 to support sales outside the USA. All sales within the USA do not utilize the UPH: prefix.

Product Number	Material Description	Continued Availability	Date Withdrawn from Sale
UPH:14743-2	BATTERY,3.6V, LITH, CON,2/3A,NR	Yes	
UPH:14784-500	CONNECTOR COAXF M RG-6 CONNECTOR,PIN	Yes	
UPH:14784-501	CON,COAX F,RND,S,CRMP,PIN	Yes	
UPH:14792-25	MODULE RELAY FRAME,24VDC,SPDT,10A	Yes	
UPH:14792-36	MODULE PLG,DISCRETE OUTPUT 120V	Yes	
UPH:14792-37	MODULE PLG,DISCRETE OUTPUT 220V	Yes	
UPH:14792-38	MODULE PLG,DISC OUT 3-60VDC	Yes	
UPH:14792-40	MODULE PLG,DISC IN 115VAC	Yes	
UPH:14792-41	MODULE PLG,DISCRETE IN 220VAC,	Yes	
UPH:14792-42	MODULE PLG,DISC IN 24VDC	Yes	
UPH:14792-43	MODULE PLG,ANALOG JUMPER	Yes	
UPH:14792-44	MODULE PLG, REED RELAY,	Yes	
UPH:14792-45	MODULE PLG,DISCRETE OUTPUT 4-20	Yes	
UPH:14792-47	MODULE PLG,DISCRETE IN,24VAC,	Yes	
UPH:14850-121	KIT, CONTACT SEALER	Yes	
UPH:15499-146	FAN RECIRCULATING ASSY 230 VAC	Yes	
UPH:15499-147	FAN RECIRCULATING ASSY FUSED 115 VAC	Yes	
UPH:15499-162	FAN HOUSING	Yes	
UPH:16055-382	REPEATER RELCOM 2KM, USA CORD	Yes	
UPH:16055-384	REPEATER RELCOM 19" KIT FOR MNET RPTR 1	Yes	
UPH:16055-385	REPEATER RELCOM 19" KIT FOR MNET RPTR 2	Yes	
UPH:16055-388	REPEATER RELCOM 8KM, EURO CORD	Yes	
UPH:16056-229	MODULE HFM RESISTOR PACK KIT	Yes	
UPH:16056-371A	M-NET 2-PORT TAP KIT	Yes	
UPH:16056-372A	M-NET 4-PORT TAP KIT	Yes	
UPH:16056-374A	M-NET RG-11 CONNECTOR KIT	Yes	
UPH:16056-411	M-NET DROPSAVER RG-6	Yes	
UPH:16056-432	TERMINATION HFM RESISTOR KIT	Yes	
UPH:16056-435	CABLE KEYING KIT	Yes	
UPH:16056-438A	M-NET RG-6 DROP CABLE KIT	Yes	
UPH:16056-440	M-NET TRUNK CABLE, 200M REEL	Yes	
UPH:16056-441	M-NET TRUNK CABLE,400M REEL	Yes	
UPH:16056-442	M-NET TRUNK CABLE, 800M REEL,	Yes	
UPH:16056-652	M-NET CABLE PREP TOOL KIT RG6	Yes	
UPH:16056-653A	M-NET CABLE PREP TOOL KIT RG11	Yes	
UPH:16056-660	M-NET TORQUE WRENCH	Yes	
UPH:16114-161	FAN RECIRCULATING ASSY 24VDC	Yes	
UPH:16114-171	MODULRAC APACS+/QUADLOG	Yes	
UPH:16114-502	FAN RECIRCULATING ASSY 24VDC	Yes	
UPH:16114-65	POWER SUPPLY DISTRIBUTION ASSY 115VAC	Yes	
UPH:16137-114	CABLE INTERCONNECT I/O-3M	Yes	

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UPH:16137-115	CABLE INTERCONNECT I/O -8M	Yes
UPH:16137-116	CABLE INTERCONNECT I/O-15M	Yes
UPH:16137-117	CABLE INTERCONNECT I/O-30M	Yes
UPH:16137-118	CABLE UNTERMINATED I/O-3M	Yes
UPH:16137-119	CABLE UNTERMINATED I/O-8M	Yes
UPH:16137-120	CABLE UNTERMINATED I/O-15M	Yes
UPH:16137-121	CABLE UNTERMINATED I/O-30M	Yes
UPH:16137-122	CABLE INTERCONNECT I/O-1.75M	Yes
UPH:16137-142A	CABLE M-BUS EXT CABLES END KIT	Yes
UPH:16137-144	CABLE REDUNDANT ACM/LIM 6M,	Yes
UPH:16137-145	CABLE IOBUS A 4M	Yes
UPH:16137-146	CABLE IOBUS A 15M	Yes
UPH:16137-147	CABLE IOBUS A 30M	Yes
UPH:16137-148	CABLE IOBUS B 4M	Yes
UPH:16137-149	CABLE IOBUS B 15M	Yes
UPH:16137-150	CABLE IOBUS B 30M	Yes
UPH:16137-151	CABLE M-BUS A 4M	Yes
UPH:16137-152	CABLE M-BUS A 15M	Yes
UPH:16137-153	CABLE M-BUS B 4M	Yes
UPH:16137-154	CABLE M-BUS B 15M	Yes
UPH:16137-172A	CABLE MBI A SIDE 4M CABLE KIT	Yes
UPH:16137-173	MODULRAC TERMINATION PLUG M-BUS A	Yes
UPH:16137-175A	CABLE MBI B SIDE 4M CABLE KIT	Yes
UPH:16137-176	MODULRAC TERMINATION PLUG M-BUS B	Yes
UPH:16137-178A	CABLE MBI A SIDE 15M CABLE KIT	Yes
UPH:16137-180A	CABLE MBI B SIDE 15M CABLE KIT	Yes
UPH:16137-182A	CABLES MBI EXT A&B 50M KIT	Yes
UPH:16137-186	CABLE MBI EXT A 150 M,	Yes
UPH:16137-187	CABLE MBI EXT B 150M,	Yes
UPH:16137-188	CABLE REDUNDANT ACM/LIM 2M	Yes
UPH:16137-189	CABLE REDUN ACM/LCM/LIM 1M	Yes
UPH:16137-19	24V POWER CABLE 1.5M	Yes
UPH:16137-191	CABLE SERIAL ACM TO CONVERTER	Yes
UPH:16137-194A	CABLE MBI A SIDE 1M CABLE KIT	Yes
UPH:16137-196A	CABLE MBI B SIDE 1M CABLE KIT	Yes
UPH:16137-199	CABLE SCM DOWNLOAD	No
UPH:16137-215	CABLE MBI/MNI	Yes
UPH:16137-221	CABLE SERIAL REDUN ACM TO CONV	Yes
UPH:16137-222	CABLE M-BUS A 2.5M	Yes
UPH:16137-223	CABLE M-BUS B 2.5M	Yes
UPH:16137-224	CABLE IOBUS A 2.5M	Yes
UPH:16137-225	CABLE IOBUS B 2.5M	Yes
UPH:16137-230	CABLE IOBUS A IN TO IFI	Yes
UPH:16137-231	CABLE IOBUS B IN TO IFI	Yes
UPH:16137-232	CABLE IOBUS A OUT TO IFI	Yes
UPH:16137-233	CABLE IOBUS B OUT TO IFI	Yes
UPH:16137-60	CABLE TERMINATION 24V PWR UNTERMINATED	Yes
UPH:16137-68	M-NET DROP CABLE, SIDE A, 6M	Yes

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UPH:16137-69	M-NET DROP CABLE, SIDE B, 6M	Yes
UPH:16137-78	M-NET DROP CABLE,SIDE A,1M	Yes
UPH:16137-79	M-NET DROP CABLE,SIDE B,1M	Yes
UPH:16139-226	CONVERTER ENTRELEC ISOLATED	Yes
UPH:16143-1	MODULE HART PTC BOARD	Yes
UPH:16147-51	TERMINATION ACM TRANSITION BOARD	Yes
UPH:16167-1	TERMINATION SDM MARSHALLED TERM BRD	Yes
UPH:16169-1	TERMINATION SAM MARSHALLED TERM BRD	Yes
UPH:16169-31	TERMINATION SAM Modular MARSHALLED TERM BD	Yes
UPH:16169-41	TERMINATION SAM Modular Marshalled Redun Term BD	Yes
UPH:16170-1	TERMINATION VIM MARSHALLED TERMINATION	Yes
UPH:16171-30A	MODULE VIM TEMP TRANSDUCER KIT	Yes
UPH:16182-1	TERMINATION MBX TRANSITION BOARD	Yes
UPH:16190-1	TERMINATION EAM MARSHALLED TERM BRD	Yes
UPH:16191-21	TERMINATION HFM MARSHALLED TERM BD	Yes
UPH:16192-1	TERMINATION ODM MARSHALLED TERM BRD	Yes
UPH:16193-1	TERMINATION IDM MARSHALLED TERM BRD	Yes
UPH:16201-1	TERMINATION RELAY MARSHALLED TERM BRD	Yes
UPH:16210-1	TERMINATION RTM MARSHALLED TERM BRD	Yes
UPH:16256-111	TERMINATION BDM TRANSITION BOARD	Yes
UPH:16289-130	FAN SIXRAC ASSY 24V	Yes
UPH:16289-131	FAN SIXRAC ASSY 115V	Yes
UPH:16289-132	FAN SIXRAC ASSY 230V	Yes
UPH:16289-200	SIXRAC APACS+/QUADLOG	Yes
UPH:16291-31	SCM MARSHALLED TERMINATION	Yes
UPH:16405-1	IOBUS ATTENUATOR ASSY	Yes
UPH:16413-16	MODULE MBI CARD	No
UPH:16414-61	LOAD ADAPTER, 24VDC	Yes
UPH:16414-62	LOAD ADAPTER KIT, 24VDC	Yes
UPH:16414-71	LOAD ADAPTER, 48-60VDC	Yes
UPH:16414-72	LOAD ADAPTER KIT, 48-60VDC	Yes
UPH:16414-81	LOAD ADAPTER, 125VDC	Yes
UPH:16414-82	LOAD ADAPTER KIT, 125VDC	Yes
UPH:16415-1	MODULE BLANK	Yes
UPH:16415-11	MODULE BLANK	Yes
UPH:16415-21	MODULE BLANK	Yes
UPH:16416-1	TERMINATION SAM/CAM-R MARSHALLED TERM BD	Yes
UPH:16420-1	TERMINATION IDO/CDO-DC MARSH TERM BRD	Yes
UPH:16428-1	TERMINATION ANALOG IN MARSH TERM BRD	Yes
UPH:16428-41	TERMINATION CAI SAI MARSHALLED TERM BD	Yes
UPH:16436-1	TERMINATION SDM/CDM 24V FUSED TERM BRD	Yes
UPH:16439-1	TERMINATION PFM1 TRANSITION BOARD	Yes
UPH:16804-42	ELECTRICAL INTERFACE MODULE	Yes
UPH:16804-43	OPTICAL INTERFACE MODULE	Yes
UPH:16804-44	HANDSHAKE MODULE	Yes
UPH:16804-45	IFI APACS+ BASIC ASSEMBLY	Yes
UPH:16804-46A	IFI QUADLOG BASIC ASSEMBLY	Yes
UPH:16804-47	IFI APACS+ Star Kit	Yes

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Part Number	Description	Available	Date
UPH:16804-48	IFI QUADLOG Star Kit	Yes	
UPH:16807-33	POWER SUPPLY FILTER	Yes	
UPH:16809-10	SRSA WIRE TYPE KIT FOR 48VDC,	Yes	
UPH:16809-12	SRSA PLUG TYPE KIT FOR 48VDC,	Yes	
UPH:16809-6A	SRSA WIRE TYPE KIT-FOR 24VDC	Yes	
UPH:16809-8A	SRSA PLUG TYPE KIT-FOR 24VDC	Yes	
UPH:39ACM24BEN	CONTROLLER ADVANCED MODULE-4MB - APACS+	No	October 1, 2011
UPH:39ACM28AEN	CONTROLLER ADVANCED MODULE-8MB - APACS+	No	October 1, 2011
UPH:39ACM34AAN	CONTROLLER ACCEL ADVANCED 4MEG - APACS+	No	October 1, 2011
UPH:39ACM38AAN	CONTROLLER ACCEL ADVANCED 8MEG - APACS+	No	October 1, 2011
UPH:39BCMNBN	MODULE BUS CONTINUATION - APACS+	Yes	
UPH:39BDMNBN	MODULE BUS DIVERTER - APACS+	Yes	
UPH:39EAMCBN	MODULE ENHANCED ANALOG - APACS+	Yes	
UPH:39HFM2CBN	MODULE HART FIELDBUS - APACS+	Yes	
UPH:39IDM115ACCBN	MODULE STANDARD DISCRETE INPUT - APACS+	Yes	
UPH:39ODM115ACCBN	MODULE STANDARD DISCRETE OUTPUT - APACS+	Yes	
UPH:39PFMAAN	MODULE PROFIBIS INTERFACE	Yes	
UPH:39PSR2ANCN	POWER RACK 200 WATT 115/230VAC	No	October 1, 2011
UPH:39PSR4ANDN	POWER RACK 400 WATT 115/230VAC	No	October 1, 2011
UPH:39PSR4ANEN	POWER RACK 400 WATT 115/230VAC	Yes	
UPH:39RTMCAN	MODULE RESISTANCE TEMPERATURE - APACS+	Yes	
UPH:39SAIAAN	MODULE STANDARD ANALOG INPUT - APACS+	Yes	
UPH:39SAMCAN	MODULE STANDARD ANALOG - APACS+	Yes	
UPH:39SCMNNNAAN	SATELLITE CONTROLLER MODULE	No	October 1, 2011
UPH:39SDM024DCCBN	MODULE STANDARD DISCRETE -24V - APACS+	Yes	
UPH:39SDM048DCCBN	MODULE STANDARD DISCRETE -48V - APACS+	Yes	
UPH:39VIMCCN	MODULE VOLTAGE INPUT - APACS+	Yes	
UPH:QLBCMNBN	MODULE BUS CONTINUATION - QUADLOG	Yes	
UPH:QLBDMNBN	MODULE BUS DIVERTER - QUADLOG	Yes	
UPH:QLCAMAAN	MODULE CRITICAL ANALOG I/O - QUADLOG	Yes	
UPH:QLCAIAAN	MODULE CRITICAL ANALOG INPUT MODULE - QUADLOG	Yes	
UPH:QLCCM22AAN	MODULE CRITICAL CONTROL MODULE - QUADLOG	No	October 1, 2011
UPH:QLCCM24AAN	MODULE CRITICAL CONTROL MODULE - QUADLOG	No	October 1, 2011
UPH:QLCCM32AAN	MODULE CRITICAL CONTROL MODULE - QUADLOG	No	October 1, 2011
UPH:QLCCM36AAN	MODULE CRITICAL CONTROL MODULE - QUADLOG	No	October 1, 2011
UPH:QLCDM024DCBAN	MODULE CRITICAL DISCRETE IN 24V QUADLOG	Yes	
UPH:QLCDM048DCBAN	MODULE CRITICAL DISCRETE IN 48V QUADLOG	Yes	
UPH:QLCDODCAAN	MODULE CRITICAL DISCRETE OUT MODULE 24VDC to 125 VDC	Yes	
UPH:QLEAMBBN	MODULE ENHANCED ANALOG I/O - QUADLOG	Yes	
UPH:QLIDM115ACBBN	MODULE STANDARD DISCRETE INPUT (115VAC)	Yes	
UPH:QLODM115ACBBN	MODULE OUTPUT DISCRETE (32 CH, 115VAC)	Yes	
UPH:QLRTMBAN	MODULE RESISTANCE TEMPERATURE - QUADLOG	Yes	
UPH:QLSAMBAN	MODULE STANDARD ANALOG I/O - QUADLOG	Yes	

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Product Number	APACS+ Software Material Description	Continued Availability	Date Withdrawn from Sale
UPH:QLSDM024DCCBN	MODULE STANDARD DISCRETE I/O - QUADLOG	Yes	
UPH:QLVIMBCN	MODULE VOLTAGE INPUT - QUADLOG	Yes	
UPH:PS032011V70	APACS+ Control Engineering/Development	Yes	
UPH:PS032043V70	Safety Matrix Desktop	Yes	
UPH:PS032045V70	Safety Matrix	Yes	
UPH:PS032303V70U	APACS+ V7.0 Control Update Kit	Yes	
UPH:16411-9V1.01	APACS+ Control V7.0 Electronic Manual CD	Yes	
UPH:PS03-2046	APACS+ Function Block Library	Yes	
UPH:PS03-2047	APACS+ Application Library	Yes	
UPH:PS03-2048	APACS+ Controller Utilities	Yes	
UPH:PS03-2050	API Runtime Win32	Yes	
UPH:PS03-2053	APACS+ OPC Server	Yes	
UPH:PS03-2054	NIM32 (Bridge Mode)	Yes	
UPH:PS03-2014	Hardkey and License Replacement	Yes	
UPH:PS03-2015	License Replacement	Yes	
UPH:PS03-2324V3.02	COM PROFIBUS CD	Yes	
UPH:PS03-2333V2.00U	Safety Matrix V2.00 Update Kit	Yes	
UPH:PS05-3044	Convert to Keyless (all versions)	Yes	
UPH:PS03-CSPCV3.01	APACS+ V3.01 Control Service Pack C	Yes	