

**Increase your system capacity:**

- If you've increased the size of your configuration in the last 20 years, you may want to think about more memory. Not only does the new ACMx module have more memory than previous versions, the overhead code needs less of it, thereby freeing up the extra memory for your configuration. The extra memory can be used to support your larger configuration or expanded I/O capacity.
- Before deciding on a migration path forward, you may need to expand your plant. New APACS+ or QUADLOG I/O modules are available for the new process area in your plant.
- When adding a new area to the plant, you may require more than just I/O modules. Whole integrated APACS+ controllers (Racks, ACMx, Power Supplies and I/O) are also available. These can help you automate the remaining process area for years to come before you decide to migrate.

**Refresh your key system components:**

- One of the key components of your APACS+ system is the 4-mation software, used for re-configuring the controller or to reset parameters and other values. If you're running on XP or older PCs, stay secure and move up to a Windows 7 version of the "Control CD." This CD comes with 4-mation for Windows 7 as well as other utilities to keep your system fresh for the next decade.
- Other components like power supplies, Modulrac fan assemblies, and batteries wear out over time. Start thinking about refreshing them in order to keep your system running reliably.

To the right is a list of the spare parts that are available. Speak to your Siemens Process Account Manager or Siemens Certified Solution Partner about a full list and pricing for the APACS+ or QUADLOG components available.

APACS+ Software	
UPH:PS032011V70	APACS+ Control Engineering/Development Station V7.0 SP1 (4-mation on Windows 7)
UPH:PS032303V70U	APACS+ V7.0 Control Update Kit (Update to 4-mation on Windows 7)

APACS+ Controllers	
UPH:39ACM24BEN	ACM+ Advanced Control Module Plus - 4MB - APACS+
UPH:39ACM34AAN	ACMx eXcelerated Advanced Control Module - 4MEG - APACS+
UPH:39ACM38AAN	ACMx eXcelerated Advanced Control Module - 8MEG - APACS+

APACS+ I/O Modules	
UPH:39EAMCBN	Enhanced Analog Module - APACS+
UPH:39IDM115ACCBN	Input Discrete Module - APACS+
UPH:39MBXNAN	Modulbus Expander Module - APACS+
UPH:39RTMCAN	Resistance Temperature Module - APACS+
UPH:39SAIAAN	Standard Analog Input Module - APACS+
UPH:39SAMCAN	Standard Analog Module - APACS+
UPH:39SDM024DCCBN	Standard Discrete Module -24V - APACS+
UPH:39SDM048DCCBN	Standard Discrete Module -48V - APACS+
UPH:39VIMCCN	Voltage Input Module - APACS+
UPH:39SCMNNAAN	Satellite Control Module - APACS+

QUADLOG Controllers	
UPH:QLCCM22AAN	CCM+ Critical Control Module Plus 2Meg - QUADLOG
UPH:QLCCM24AAN	CCM+ Critical Control Module Plus 4Meg - QUADLOG
UPH:QLCCM32AAN	CCMx eXcelerated Critical Control Module 2Meg - QUADLOG
UPH:QLCCM36AAN	CCMx eXcelerated Critical Control Module 6Meg - QUADLOG

QUADLOG I/O Modules	
UPH:QLCDM024DCBAN	Critical Discrete Module 24V - QUADLOG
UPH:QLCDM048DCBAN	Critical Discrete Module 48V - QUADLOG
UPH:QLCDODCAAN	Critical Discrete Output Module - QUADLOG
UPH:QLCAMAAN	Critical Analog Module - QUADLOG
UPH:QLEAMBNN	Enhanced Analog Module - QUADLOG
UPH:QLIDM115ACBBN	Discrete Input Module - QUADLOG
UPH:QLMBXNAN	Modulbus Expander Module - QUADLOG
UPH:QLRTMBAN	Resistance Temperature Module - QUADLOG
UPH:QLSAMBAN	Standard Analog Module - QUADLOG
UPH:QLSDM024DCCBN	Standard Discrete Module - QUADLOG
UPH:QLVIMBCN	Voltage Input Module - QUADLOG