

UCA™/IEC 61850 and MMS Evaluation Kit

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NettedAutomation offers a CD ROM containing a UCA™/IEC 61850 and MMS Evaluation Kit as well as UCA™: the EPRI Version 1 and the IEEE Version 2 (Nov 99)¹ for the **fastest possible start to learn about UCA™ technology.**



NEW Release (2004-07-26)

IEC 61850 Evaluation Kit CD-ROM for 100 EURO has been replaced by downloadable free demo software

The reasons for the withdrawal of the CD ROM Eval Kit are:

- The IEEE TR 1550 (UCATM Specification Version 2) is an obsolete specification. The REAL standard is the series IEC 61850.
- SISCO wants to distribute demo versions of their software on their own.

Please visit this page:

<http://www.nettedautomation.com/solutions/demo/20040720/index.html>

based on **Tamarack's** UCA/MMSd software package. The server data are simulated by an integrated simulation program. The behavior of the simulation program can be modified using an ini file. Additional servers with many other combinations of models, Logical Nodes, Data Objects can be provided on request. This allows to test client applications without connecting to the real IED; IEDs are emulated by a server running on, e.g., a standard PC under Windows or LINUX system in your office.

Client 1

UCA™/IEC 61850 and MMS client to run under Windows. This UCA client provides a DDE or OPC interface for Windows NT/95/98 applications to any UCA compliant server. This client initiates, receives, and displays UCA reports, reads, and writes of data objects and logs/journals. The UCA client is a fully functional demonstration copy of **SISCO's** AX-S4 MMS product (including the MMS Object Explorer). This demo version runs for one hour before it automatically stops at which time it can be re-started. AX-S4 MMS provides Microsoft DDE client/server and OPC server functions.

Client 2

UCA™/IEC 61850 and MMS ActiveX Control to run under Windows. This client provides a state-of-the-art, multithreaded COM automation interface to any UCA or MMS compliant Server or Device. Key features include automatic connection management, XML data representation, and both synchronous and asynchronous operation. For asynchronous (unsolicited) operation, simple ActiveX events trigger in your script or code. **LiveData™** ActiveX Control is fully functional and is licensed for 30 days.

¹ The IEEE Standards Association published the UCA™ Version 2 in Technical Report TR1550. "UCA" is a Trademark of EPRI.

² UCA™, IEC 61850, and IEC 60870-6-TASE.2 map to MMS (ISO/IEC 9506). The software delivered with the Evaluation Kit implements MMS, thus making MMS available for any – utility and non-utility – application.