

# MMS-EASE Lite for IEC61850/UCA2



- Field Proven Implementation
- MMS Object Foundry IEC61850 Compliant Object
- Embed CPU
- Performance Portation
- ANSI C Source Code
- OEM Licensing

## MMS-EASE Lite : Embed IEC61850

MMS-EASE Lite Manufacturing Message Specification(MMS), IEC61850, UCA V2.0 Source Code, RTU, Recloser, PLC, Meter, Resource Constrained Embedded Intelligent Electronic Devices (IEDs). MMS-EASE Lite IEC61850 MMS Compliant

MMS-EASE Lite IED Portable

Implementation :

- **UCA** – IEC61850 GOOSE, GSSE, Part 6-1, 7-2, 7-3, 7-4, 8-1 SCL, GOMSFE/CASM IEEE TR1550
- **MMS** – Per ISO 9506 Version 1, 2
- **ACSE** – ISO8650 Association Control Service Elements
- **ISO8823, ISO9548** Presentation Layer per
- **ISO 8327 ISO 9548** Session Layer
- **Transport** – ISO 8473 Connection Oriented Class 4 Transport, ISO8602 ISO Connectionless Transport Protocol
- **Network** – ISO8473 ISO Connection Network Protocol, ISO9542 End-System to Intermediate System(ES-IS) Routing Protocol per
- **LLC** – Logical Link Control Class 1 per ISO8802
- **TCP/IP** – RFC1006 (TCP/IP )
- **IEEE802.3** – Ethernet

- Synchronous Asynchronous
- 1000 Association Connection Oriented Profile
- SISCO MMS Object Foundry Static Object Definition
- Substation Configuration Language (IEC61850-6-1 SCL) XML Dynamic (Run-Time) Object
- IEC61850 Part 7-2, 7-3, 7-4 Data, Logical Node, Object Definition
- Part 7-2 IEC61850 Abstract Communication Service Interface (ACSI)
- IEEE TR1550 Substation Feeder Equipment (GOMSFE) UCA V2.0 Common Application Service Model (CASM) Generic Object Model
- ISO9506 Version 1 (1988) MMS
- IEC61850 MMS ISO9506 Version 2
- MMS-EASE Lite MMS Virtual Lite (MVL) Framework
- MMS
- Translating
- GOOSE/GSSE
- IEC61850 Buffered Un-Buffered
- MMS-EASE Lite가 Source Code Revision Control System
- Source Code 가
- Software SISCO MMS-EASE Lite PharLap ETS, QNX, VxWorks, Psos, Linux, "Home-Brew" O/S ANSI C O/S Porting