

# MMS-EASE Lite

IEC 61850 for Embedded Systems



## OVERVIEW

MMS-EASE Lite is a source code package that has been optimized for use in Intelligent Electronic Devices (IEDs) such as RTUs, reclosers, PLCs, meters and other resource constrained embedded applications.

MMS-EASE Lite significantly reduces development time and allows for the efficient and portable implementation of IEC 61850 which includes support for:

- **Wind, hydroelectric, distributed energy resources and substation information**
- **High-speed automation and tripping via GOOSE**
- **CT/VT sharing through sample measured values**
- **Wide-area secure synchrophasor communication using IEC**
- **TR 61850-90-5 & IEC 62351 (*coming soon*)**

## BENEFITS

- **Readily available and widely used**
- **Regular updates implementing technical resolutions and UCAIug testing**
- **Easy-to-use code, sample applications, training and support provided**
- **Maximum performance with minimal CPU and memory requirements**
- **ANSI C source code provided to facilitate portation to virtually any environment**
- **Flexible licensing options**



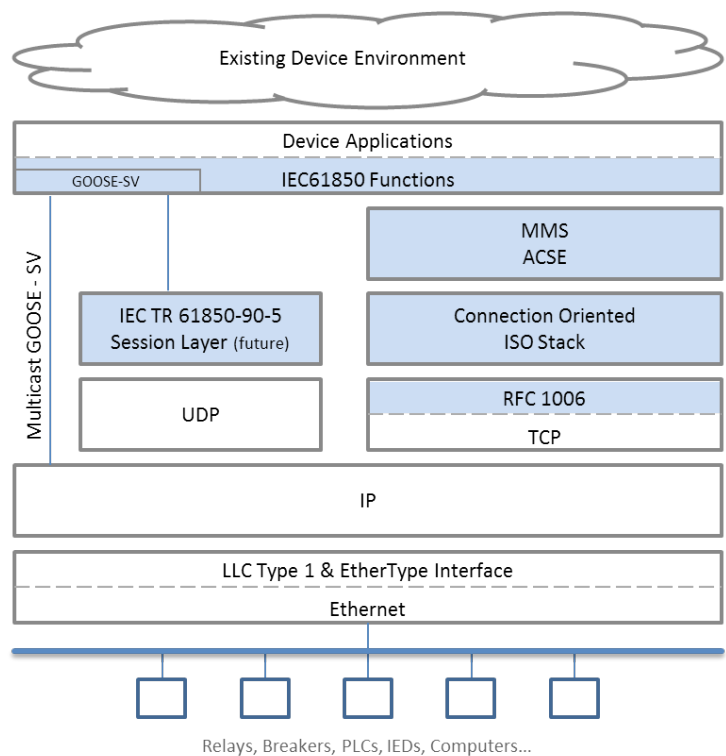
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## CUTTING EDGE TECHNOLOGY

- Automation for 61850 reports, GOOSE, general interrogation, and logging
- Portable to any operating system supporting ANSI c
- Asynchronous and synchronous programming support
- ROM and Static memory model support
- Scalable (tested to 1000 connections)
- Comprehensive global product support and maintenance
- User manageable and modifiable source code



## COMPLIANCE TO IEC STANDARDS

- 61850-6: Substation Configuration Language
- 6850-7 Series: ACSI Services & Data Objects
- 61850-8-1: Client/Server using MMS GOOSE multicast
- 61850-9-2: Sampled Measured Values
- 61850-7-410: Hyrdo Power Models
- 61850-7-420: Distributed Energy Resources
- 61850-90-5: Wide Area Measurement Protection & Control
- 61400-25-2: Wind Power Systems