



Product Features

- ☑ **Portable IEC 61850 Client and Server Software Stack PIS-10**
 - Cross platform 61850 stack allows adding 61850 support to SCADA, EMS and Substation Control software applications.
- ☑ **Fully Integrated Single Chip Solution IPC-10**
 - Our Beck-IPC IEC 61850 on-chip solution enables a cost effective integration of IEC 61850 into your IED design.
- ☑ **Compact Protocol Converter CFE-40**
 - Ideal for small converter application where legacy devices are required to be integrated within an IEC 61850 network.
 - WebCAN Designer Configuration tool maps legacy protocol information to IEC 61850 IED data attributes.
- ☑ **Distribution Remote Terminal Unit MRU-10**
 - The MRU-10 RTU extends the IEC 61850 networking capability beyond the substation environment into distribution networks using wide area communication networks (WAN).
- ☑ **WebCAN Substation RTU and Data Gateway**
 - The compact or distributed RTU architecture allows a cost effective implementation of IEC 61850 substation designs in small or large substations with already existing protection systems.
 - Our data gateway provides protocol interfaces for an IEC 61850 substation network.
- ☑ **WebCAN Designer Studio Configuration Tool**
 - The entire SystemCORP IEC 61850 product range are configurable using our WebCAN Designer Studio as the only tool required.

Description

The IEC 61850 software stack PIS-10 accommodates client and server functionality. Both applications can co-exist on the same hardware platform operating at the same time. It is portable across various software platforms. Data throughput and other Ethernet related performance criteria are inherited from the operating system.

The stack supports MMS, GOOSE, Sampled Value functionality as well as buffered and unbuffered reporting. Data sets are defined using the WebCAN Designer Studio configuration software.

Protocol conversion from other SCADA protocols such as IEC 8750-5-10 or DNP3.0 require only the additional executable files to be downloaded and configured through WebCAN Designer Studio.

Custom specific stack implementation can be offered through our IEC 61850 specialized engineering team.

Features

MMS via TCP/IP

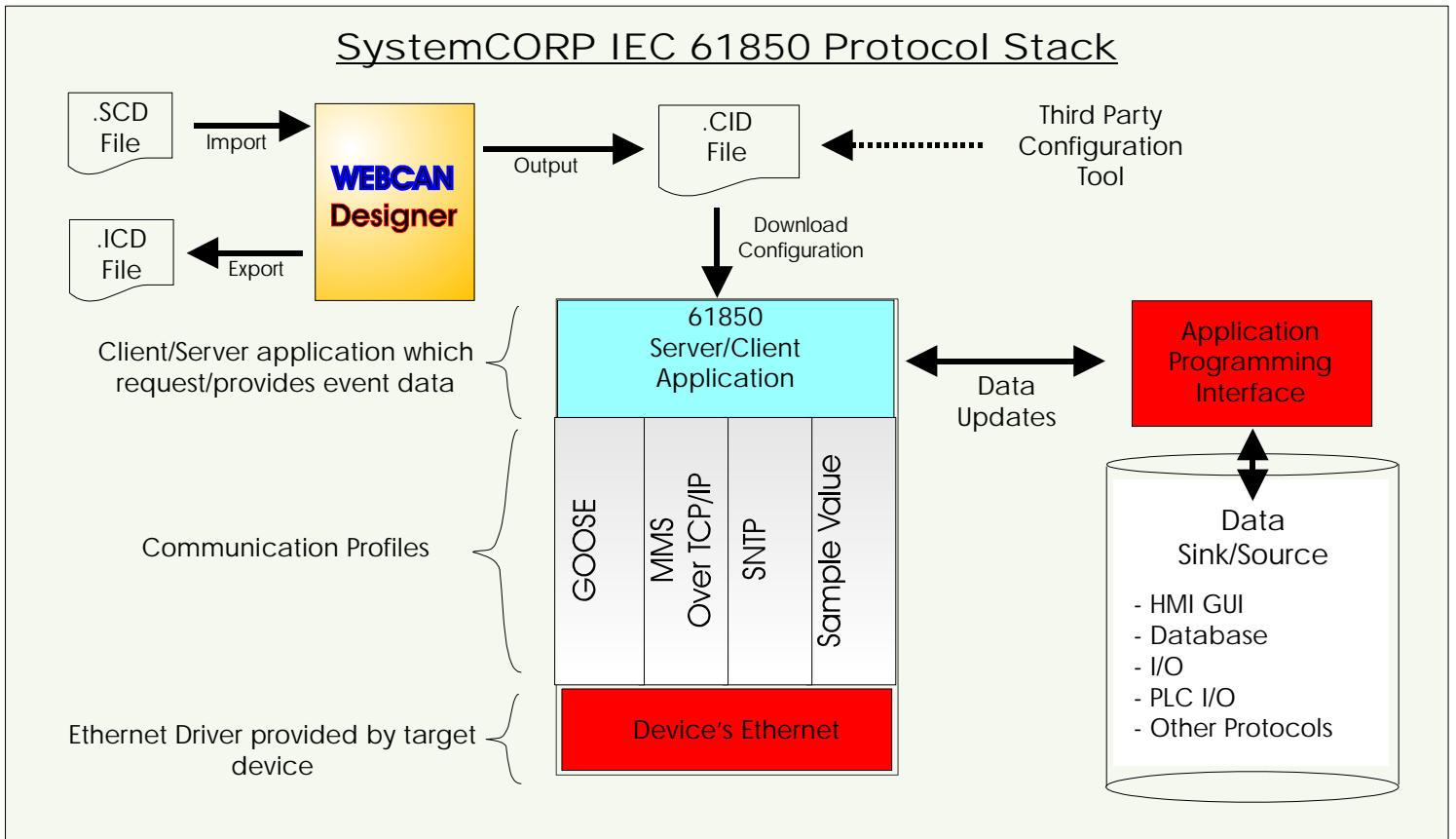
- GOOSE Publisher/Subscriber
- Sampled Values
- Data sets definition
- Buffered reporting
- Unbuffered reporting
- Direct control
- Enhanced direct control
- Data Logging
- Time synchronization via SNTP
- File Transfer via MMS and FTP

Supported Platforms

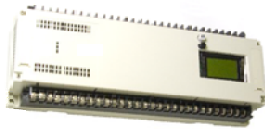
Microsoft Windows XP, 2003/2008 and Vista

- Ubuntu Linux (x86, x86-64)
- Embedded Linux (ARM, Coldfire)
- Beck @Chip SC1x3 RTOS
- Other platforms available on request

SystemCORP IEC 61850 Protocol Stack



Our MRU-10 Distribution RTU extends the IEC 61850 network into distribution networks as a competitive DA solution



The CFE-20 multi-processor and multi-channel substation and EMS gateway technology connects IEC 61850 substation or wide area networks to EMS front-end systems using conventional communication media



The On-Chip Stack Implementation interfaces your hardware to IEC 61850 networks with client/server functionality



The CFE-40 Compact Protocol Converter minimizes project implementation costs for interfacing legacy secondary substation equipment to an IEC 61850 substation network



Our engineering team supports customer specific implementation of the IEC 61850 Software Stack according to customer specification