

Case Study: IEC 60870-5-104 to IEC 60870-5-103 Protocol Converter

Provider Name : KALKI Communication Technologies (P) Ltd.
Client Name : Fortune 100 Automation Major
Project Title : IEC 60870-5-104 to IEC 60870-5-103 Protocol Converter

The Problem

The client, a Major OEM in the RTU and SCADA space, required to provide IEC 60870-5-103 interface to their IED's supporting IEC 60870-5-104. KSG/L/M Protocol converter, with IEC 60870-5-104 Master and IEC 60870-5-103 Slave Protocol was used to achieve this interconnection.

The Solution

The stated solution consisted of the following:

1. KSG/L/M Protocol Converter with 2 RS-232, 1 RS-485 and 1 Ethernet port.
2. IEC 60870-5-104 Master and IEC 60870-5-103 Slave Protocol

The said OEM SCADA was connected to the KSG/L/M protocol converter over IEC 60870-5-103 protocol. The IED's were connected over IEC 60870-5-104 protocol.