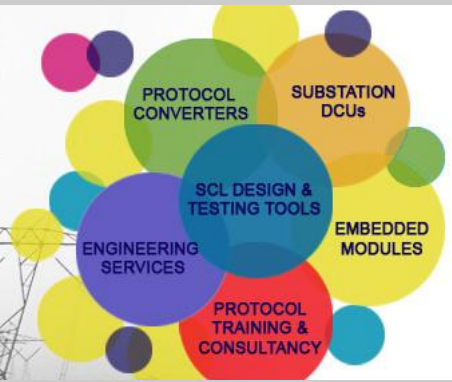


## THE IEC 61850 KALEIDOSCOPE

Solutions to suit  
every market requirement

Discover the numerous IEC 61850  
products and solutions provided by  
Kalkitech, the leaders in standards  
based solutions for the power industry.



## IEC 61850 Solutions November 2011

Hi,

### Greetings from Kalkitech

We are pleased to share with you the November edition newsletter. This edition focuses on IEC 61850 and cover a range of topics, which includes an overview of IEC 61850, latest updates, Kalkitech's solutions and services provided, as well as application notes and case studies on various implementations. Also we are pleased to welcome our new partners on board.

### Overview of IEC 61850 Standards

IEC 61850 is a widely accepted international standard for power system communication and has been adopted to substations, hydro power plants, wind energy networks and distributed energy resources, driven by its superior interoperability capabilities.

[Read More](#)

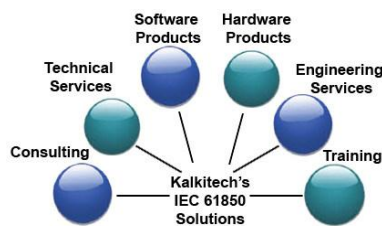
Download Article

[IEC 61850 Edition 2.0 and Security Updates](#)

### Kalkitech's IEC 61850 Solutions

Kalkitech is one of the leading enablers of IEC 61850 solutions based on its capabilities revolving around Hardware and Software Products, as well as Engineering and Technical Services. Kalkitech products include Protocol Converters, Data Concentrators, Embedded Modules, Configuration and Simulation Tools. Kalkitech also provides Protocol Training and Consulting as a part of its services portfolio.

[Read More](#)



### Upgrade to IEC 61850 using SYNC OEM



Kalkitech's SYNC OEM enables equipment manufacturers the capability to have IEC 61850 in their devices, at minimal capital costs and faster go-to-market. SYNC OEMs are available in numerous form factors and processing capabilities facilitating



### Promotional Offer on Kalkitech's SYNC OEM Starter Kit, which includes:

- SYNC OEM Development Board
- Two modules of any SYNC OEM model
- 20 hours of free technical support

PRICE: \$650

To order contact: [sales@kalkitech.in](mailto:sales@kalkitech.in)

### Paper Presentation

"Role of IEC61850 and related standards in Enhancing Power System Networks into Smart Grids" by Sterin T Jose, Kalkitech at International Conference on Road Map for SmartGrid at CPRI

[Read More](#)

### IEC 61850 Training conducted in Mumbai: September 19-21, 2011



Kalkitech successfully conducted IEC 61850 training program which was attended by the major players in Indian power sector and

its usage in a variety of applications. SYNC OEM modules are also specifically suited for high performance IEC 61850 requirements, and can be used for GPIO - GOOSE based high speed messaging.

[Read More](#)

Download Application Note

[IEC 61850 Implementation in IEDs](#)

Download Article

[IEC 61131 on IEC 61850 platform](#)

Download Brochure

[SYNC OEM](#)

Download Case Study

[Legacy Upgrade of vendor device using SYNC OEM](#)

## IEC 61850 Engineering and Technical Services

Being a leader in communication standards, Kalkitech also helps customers to incorporate the required protocol functionality into the existing and new systems in a fast and cost effective manner. Kalkitech's Technical Services Group also offers complete product life cycle management and value additions, based on customer requirements and recent updates in Protocol Standards and Technology.

[Read More](#)

Download Case Study

[IEC 61850 server implementation](#)

## Kalkitech IEC 61850 SCL Manager- Substation Configuration Software Platform

Kalkitech IEC 61850 SCL Manager is a comprehensive graphical tool that allows user to create, configure, view and edit all the substation elements and its data models as specified in Substation Configuration Language specification of IEC 61850. SCL Manager enable users to configure a Substation and all its elements and helps to make the substation IEC 61850 compliant. The latest edition of SCL Manager not only supports configurations of Substations, but also Hydro Power Plant, Distributed Energy Resources and Wind Power Plant.

[Read More](#)

Download Brochure

[SCL Manager](#)

Download Case Study

[IEC 61850 Engineering Tool](#)

## Welcome on Board: Our New Partners

Join us in welcoming our New PARTNERS

We are pleased to announce our valued partners, details of which are given below.

**CCK Automation (Brazil)** - is a company integrating research, development, manufacture and application of Management system energy and Utilities, pioneering in Brazil in the management of electric power. CCK Automation is partnered with Kalkitech on SYNC and IEC 61850 offerings.

**Elektrakom (Turkey)** - is a technology company, in the energy sector, serving the customer needs and expectations by providing and implementing quality solutions. Elektrakom is partnered with Kalkitech on AMI/AMR.

academia including Power Grid, CPRI, IIT Bombay, Siemens, L&T, Reliance, Tata Power et al/

[Read More](#)

**Registrations open for**

**IEC 61850 training programs :**

[Click here to Register](#)

Bogota	: 16-18 November
Sydney	: November*
Madrid	: January 2012*
Milan	: February 2012*
Dubai	: February 2012*
Sao Paulo	: May 2012*

\*The schedule is tentative and subject to change.

[Click here to know more about Training Program](#)

## IEC 61850 Conformance Test Services Support using SYNC OEM

Kalkitech provides support for IEC 61850 Level A certification on customer devices from bodies like KEMA , CPRI, as well as other certification agencies built on its expertise on IEC 61850 and product management.

[Read More](#)

## Key accomplishments from our partners

- KM Data, our Korean partner, bags an important order for [SYNC 4000](#) Front End Processor as a Phasor Data Concentrator. Phasor Data integration is a key aspect in smart grid deployment, and this is a key milestone for Kalkitech.
- Rutvatech, our Australian partner, has bagged an important order for [SCL Manager](#) and [IEC 61850 simulator](#) from a major Australian utility. The order is part of an initiative to leverage the benefits of IEC 61850 using best engineering practices.

## How to become a Partner?

To learn more about joining us as a partner, please visit [Kalkitech's Become a Partner](#)

**Kontrolmatik (Turkey)** - is a leading engineering company, servicing its domestic and foreign customers for different projects through efficient use of best quality products, energy resources and services. Kontrolmatik provides comprehensive end-to-end solutions right from design and installation to turnkey service. Kontrolmatik is partnered with Kalkitech on SYNC, ELTRIX, AMI/AMR, IEC61850 Offerings.

**Optronic Cia. Ltda. (Ecuador)** - Industrial Eletronics Optronic CIA.LTDA. (Ecuador) is a company producing equipment and electrical and electronic systems for domestic, industrial and educational purposes. Optronic is partnered with Kalkitech on SYNC, ELTRIX, AMI/AMR and IEC61850 Offerings.

**PT Bina Selaras Bersama (Indonesia)** is a system integrator company focusing on Power utilities. PT Bina Selaras Bersama is partnered with Kalkitech on SYNC and IEC61850 offerings.

**Tecnet S.A. (Argentina)** -Tecnet SA designs and integrates complete information, automation, control and instrumentation solutions for each business process, from plant services up to management systems. Tecnet SA is partnered with Kalkitech on SYNC, AMI/AMR and IEC61850 offerings.

For more details kindly visit our partner webpage: [Partners Overview](#)

## Download literature on SYNC OEM and IEC 61850

### Brochures

- [IEC 61850 SCL Manager](#)
- [IEC 61850 Training](#)
- [SYNC OEM](#)

### Datasheets:

- [SYNC OEM S1R1](#)
- [SYNC OEM S2R1](#)
- [SYNC OEM S4R1](#)
- [SYNC 2000](#)
- [SYNC 3000](#)

### Presentation:

- [IEC 61850 Products and Solutions](#)

**Sales Inquiry:** [sales@kalkitech.com](mailto:sales@kalkitech.com) **Website:** [www.kalkitech.com](http://www.kalkitech.com) **Feedback:** [marketing@kalkitech.com](mailto:marketing@kalkitech.com)