

KALKI

COMMUNICATION TECHNOLOGIES

CONTROL • COMMUNICATIONS • COMPUTING

Kalki Communication Technologies Private Limited was founded in 1998 with the vision of becoming the leading provider of standards-based, integrated Control, Communication and Computing solutions to OEMs, System Integrators and End-Users in the Energy industry. Continuous innovation through research and development is at the core of Kalki's corporate philosophy. Over the years, Kalki has become the preferred partner for a wide base of multinational clients, known for high quality engineering, automation and communication products, solutions and services. Today, Kalki's solutions are successfully deployed in over 15 countries in 4 continents, across the full spectrum of the Energy value chain.



Kalki Communication Technologies is committed to providing state-of-the-art solutions to the industry, combining the latest advances in power systems engineering and information technology, based on international standards. We help customers monitor, control, visualize, integrate and optimize their enterprise operations in real time.

Kalki Communication Technologies offers Design, Consulting, Engineering Analysis and Optimisation, Automation Engineering, Communication Protocol solutions and Application Software development.

Utility Enterprise Solutions

Energy Optimisation Portal

- Web based portal for Enterprise-wide real-time data integration, analysis and visualisation
- Integrate data from real-time sources, supervisory systems and enterprise data repositories into single system
- Applications for management decision support for optimising operations across the enterprise

Inter-Utility Data Exchange

- CIMXML based solutions for exchange of power system data between utilities
- Real-time exchange of data and models enable faster, reliable and efficient power exchanges
- Enables utilities to participate in power trading and energy markets

Utility Enterprise Application Integration

- Tools and technologies for integrating enterprise applications with real-time applications
- Based on IEC 61970, 61968 standards, and industry standard messaging middleware architecture
- Integrate SCADA/EMS/GIS/OMS/TMS/CIS with ERP/RDBMS/billing/MIS/Web-based systems

Generation

- Liability Based Tariff
- Modeling, Simulation and Optimisation
- Load and Frequency Forecasting
- Performance Management
- Unit Commitment and Merit Order Dispatch
- Intelligent Alarm Management

Transmission

- SCADA / GIS / Power Analysis Software Modules
- Control Centre Communications
- Power System Modeling, Analysis and Optimisation
- Power System Automation
- Power System Communications
- Power System Engineering

Distribution

- Telemetry and Telecontrol
- SCADA / GIS / Distribution Analysis Software Modules
- Modeling, Analysis, Optimisation and Forecasting
- Distribution Automation and Communications
- Demand Side Management
- Energy Accounting and Loss Reduction

