

## Information Technology & Consultancy Services:

IL Products & Services span all levels of Industrial automation hierarchy. Apart from offering traditional Control & Instrumentation systems, IL way back in 1980's started offering computer systems and software to its clients in form of Data acquisition and MIS solutions. These solutions offered on variety of platforms like DEC PDP11/34 mini computers, HP mini computers, MicroVAX, Alpha Server Machines etc. Subsequently IL started offering client-server architecture based systems on Unix and Windows server, Ethernet based networking systems on industrial grade workstation, Station LAN to cover entire plants etc. With advancement in computer technology and clients needs for better information and need for integrating MIS with process data, IL started offering end to end IT solution and thus graduated from real time software solutions to comprehensive end to end IT solutions.

Power generation arena has been a strong forte of IL since inception. In the last decade, Government of India has identified as the weakest link in the power sector and renewed its focus on schemes like R-APDRP, RGGVY etc. With increased emphasis by Government of India on reducing transmission & distributions losses and improve losses entailed in Power distribution sector. This entails establishment of reliable and automated systems for sustained collection of accurate data and the adoption of Information Technology in the areas of energy accounting, SCADA systems and Consultancy Services for Preparation of Base-line data for the project area covering Consumer Indexing, GIS Mapping, Metering of Distribution Transformers and Feeders, Automatic Data Logging, quality monitoring and inspection. To seize upon the opportunity provided by these reforms & drawing on its rich experience in power sector coupled with familiarity with IT tools & solutions, IL successfully diversified into this area.

The current offerings of IL in IT & Consultancy include:

DPR preparation including GPS / GIS survey

Project Management Consultancy

Quality Monitoring Services

SCADA and Smart Grid Consultancy

IT consultancy

End to End, IT solutions including ERP and Networking solutions

## **m-Governance solutions:**

m-Governance means harnessing the potential of Mobile Technologies in Governance and Development. Its implementation involves the utilization of all kinds of wireless and mobile technologies, devices, software applications and services.

m-Governance helps to provide information “anytime, anywhere” and thus help the e-governance solutions to function efficiently. These applications offers solution with minimum capital investment for efficiently monitoring implementation of various schemes like MNREGA (Mahatma Gandhi National Rural Employment Guarantee Act), National Healthcare related schemes , Women and childcare schemes, Monitoring projects in Mining, Transport, Power Plants.

IL in tie-up with a reputed technology player is offering comprehensive suite of Mobile Governance solutions on a turnkey basis.

The m-Governance solutions offered by IL can be used

- i) In new areas which have hitherto experienced difficulties in deployment of IT Applications.
- ii) To support e-governance / IT applications with added power and reach of mobile applications, to ensure transparency, efficiency of these operations and their fast reporting and proper monitoring though use of techniques like GPS based mapping data, Biometric Data, Photo image of site location and online progress at place of work.
- iii) To disseminate timely information to select group of people or citizens at large and put in place system for disaster management, grievance management with respect to government schemes, carry out surveys, track movement of public goods.