SMART UTILITIES

X-Force Smart Utility

Every plant functions on various kind of utilities like Water, Air, Gas, Electricity & Steam. It is important to keep track on behaviour of all these utilities. The process of capturing utility data at single place and performing strategic actions is known as SMART UTILITY. X-Force SMART Utility (Self-Monitoring, Analysis, and Reporting Technology) is a well-defined solution developed by SSM InfoTech Solutions that helps users to consolidates energy related data (sources, costs, control and monitoring points) into a data warehouse while providing a platform to easily access these data and trigger actionable changes on any fluctuation of the behavioural data .

The X-Force Smart Utility solution makes uses the concept of data mining so that user can perform in-depth diagnostics, engineering analysis, and monitoring in a small fraction of the time. Publishing information captured from Flow meters, Energy meters and Sensors with centralized monitoring system approach is very useful for control room operators, field engineers, department heads, and executive management. X-Force Smart Utility System provides analytical representation with formula and calculations as per user requirement that leads to savings in the overall cost by identifying the causes for loss / inefficient use of utility.

Conectivity

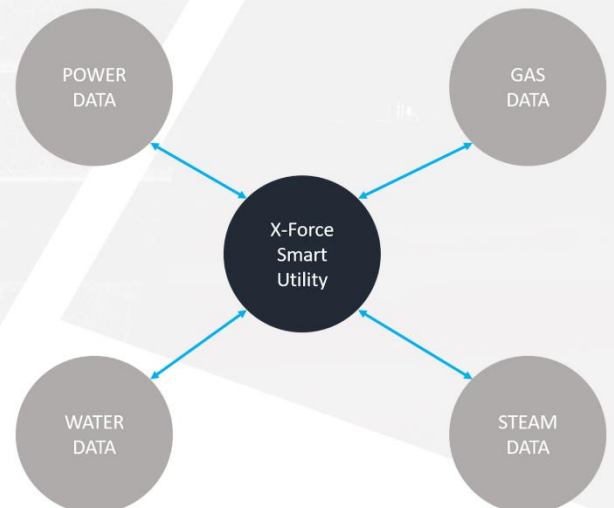X-Force Smart Utility supports the connectivity of devices through various medium such as:

• Serial

• Ethernet

• Analog Inputs

Technology Support

GPS   GPRS   LAN   Wi-Fi   Cloud

Features

- Advanced Web based SCADA Architecture

- Direct Access via Ethernet or Network

- Modbus TCP Support

- OPC Support

- GPRS based Wireless communication support

- Real Time Trending and Graphing

- Alarms and Events Logging

- Emailing and SMS alerts on Event occurring

- Energy Billing and Cost Allocation

- Web Client includes SLD, Trends, Reports, Alarms

- Manual data entry which are not online at require time

- Backup and archive module for more history data

- SAP Integration support

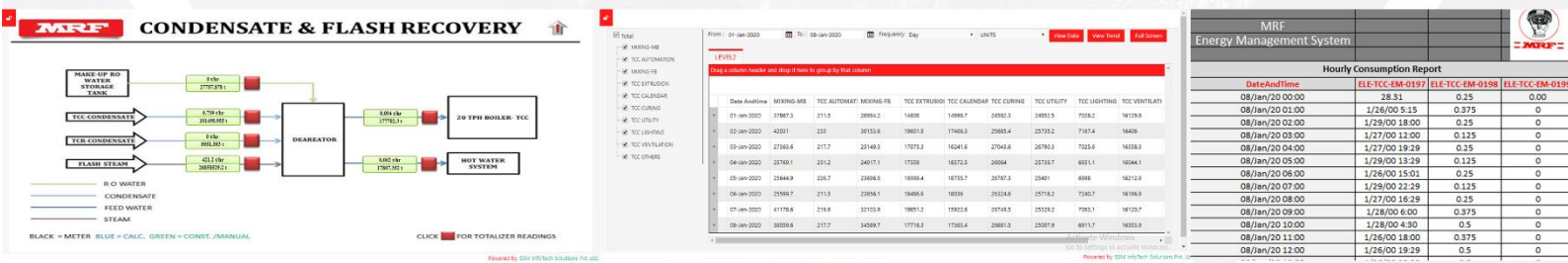POWER DATA · GAS DATA · WATER DATA · STEAM DATA · X-Force Smart Utility

Advantages of Smart Utility

- Embeds best-practice for field parameter data analytics in your day-to-day operations.

- Standard Dashboard for better understanding and faster decision making.

- Reduces your energy costs by focusing on Utility consolidated reports.

- Helps you to comply with your energy-efficiency and emission-reduction obligations.

- Generates alerts based on limit values set by users, in form of SMS or Emails.

- Web based software that can be configured from anywhere in your LAN from browser.

- Easier configuration of devices, screens, trends, history, alarms and reports.

- Multi-plant separate security with Role based security model.
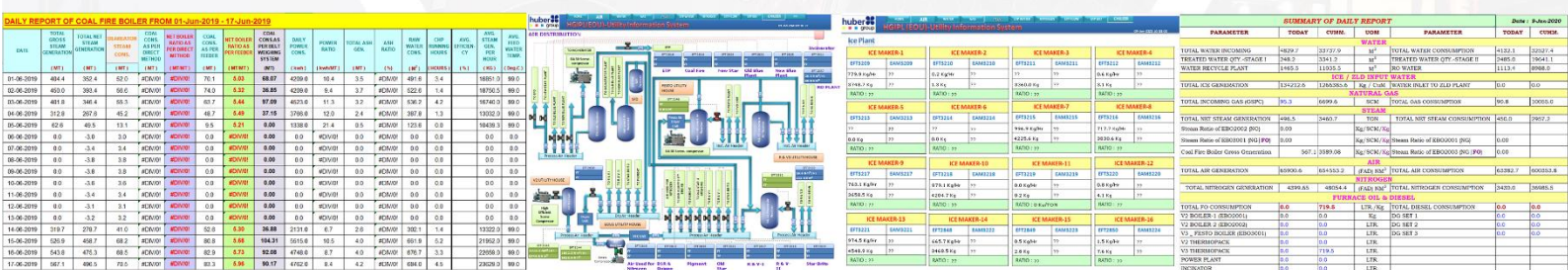
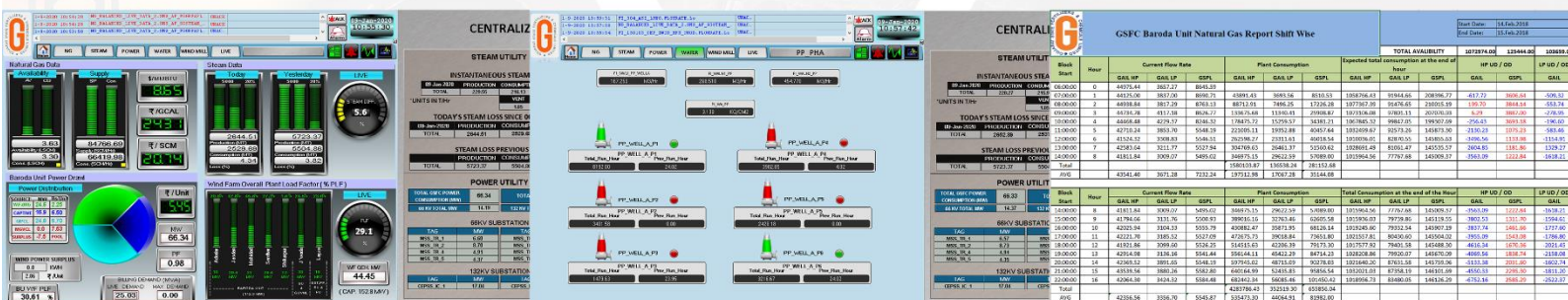- Support multiple make and model of devices.

Screenshots of our sucess

Smart Utility at MRF

Smart Utility at MicroInks

Smart Utility at GSFC

GSFC received prestigious award for "Best Project" in category of "Modernisation Initiative in PSU" at 2nd annual PSU summit and awards 2015 organised by ELETS at New Delhi. The entire concept was to integrate all utility data at central level and by monitoring & defining the summarized analytics to generate actionable activities.

Our Customers

SSM InfoTech Solutions Pvt. Ltd   X-Force Smart Utility

SMART UTILITIES

SSM

An ISO 9001:2015 Certified Company

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