EnergyDash™
City Gas Distribution Dashboard for Unified Metering and Consumer Portal

City Gas Distribution companies have to go for commercial billing of PNG consumers by reading / monitoring their consumptions and billing them on an agreed frequency. This enables them to turn their investments into returns and to push the penetration of gas consumers in the hinterland. Due to the Government plan of making Natural Gas as a fuel of choice for the urban and semi urban household there is a great need monitoring of related processes to ensure timely compliance to each process.

 Multi-Vendor Dashboard:

EnerygyDash is a configurable dashboard to different brands of meters available in the market. Each meter configuration can be imported one time and can be integrated to form a unified display of each meter. The Dashboard takes its view from a "Meter Data Management" tool based upon enterprise database. The tool is built with big data approach and provides insights into the operation of CGD Metering.

 Mechanical and Smart Meter Compatibility

Ability to integrate Reading data from Mechanical Meters as well as integrate with Existing and New vendors of Smart Vendors through Data Protocol, HES Systems or Cloud Connect.

Users will be able to view meters by GA Views, Meter View as well as Map view.

 One-time SAP Integration

Our Dashboard is integrated with SAP as a backend system and hence it saves you any future requirement of SAP Integration in any new tender. You just need to integrate the Meter Data and it automatically gets integrated with SAP. Huge savings in all future tender on integration cost and project delay due to integration delay by each vendor.

The one-time SAP integration also ensures that the system future proof and shares the same data across vendors, and contracts.

 Consolidation and Tracking of Consumer Complaints

Consumers get a Consumer Dashboard and can monitor their consumption daily if on smart meter or monthly in case of mechanical meters. Ability to make payments to CGD in included

in the Dashboard and enabled if demanded. Consumers can also view status of their deposits, and Meter EMI which are being deducted as per their choice at time of connection.

CGD can create consumers, register complaints, allotment of service engineer, ticket and complaint resolution which is managed contract wise and vendor wise.

Cloud Based / Cloud Harvested

The Dashboard is 100% Cloud based from Level IV Data Centers based in India. We follow **ISO27001** and **CERT-IN** norms in Hosting to ensure that your citizen billing data is based in India and with a certified facility. Each customer is having dedicated resources and can monitor their users from a detailed administration panel. All access to the system is detailed by a Access Control System based upon individual Role in the organization.

Ability to connect Stores, Material Issue and other functions as per CGD Requirement

While developing the system, we have included extensions to other functions of CGD such as Material Issue and deployment to track usage of material and resources on each consumer and also to forecast Gas nomination based upon past history of usage. The Dashboard solution is highly intuitive and customization friendly while being secure and robust to ensure maximum utilization of data from projects.

The Dashboard is also available on Mobile Apps, Tablets and various computing platforms.
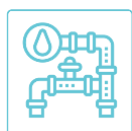
Ability to include Pipeline and Transmission Data

Our advanced analytics is able to take inputs from Transmission data and present automated gas reconciliation at different levels as per data availability. Similarly, it can also track deployment of pipelines and control systems in any project with our "AsseTrack" construction app. This provides online tracking of progress of projects apart from Metering.

Incident Reporting App

An Incident Reporting App is provided to each employee which is connected to the dashboard and alerts the control room of any incident with Photograph or Video from the site. This helps HSE teams to provide immediate relief to the incident site.

Alerts and Notifications

Highlights:

- Various types of Notifications / Alerts / Triggers / Warnings to respective individuals based on settings
- Buzzer / Sound as configured

Audit and Communication

Highlights:

- Covers end-to-end Audit Management Lifecycle
- Notifications, Updates to stakeholders / affected teams
- Dashboards along with drill-down features
- Upload facility for evidences
- Due date reminders and escalations to respective members / teams
- Facility to link predefined questionnaire / prepare open question

Benefits:

- Provide a rich, open, and highly productive framework for presentation and Web expression.
- Support a managed services model.
- Enable integration of content from a variety of systems across the customer's enterprise, running in diverse environments.
- Act as a low-footprint extension of the IGL Distribution Network.
- Independent from Metering Vendors
- Ability to consolidate Diff Make, Diff Technology vendors over data protocol
- One View of Complete Operations across the whole CGD
- Unified Reporting of complete consumer base
- Single Point of Complaint Management and Dispute Resolution

Hence, Minimize total cost of ownership for both IGL and its customers

How to Procure / Evaluate

We are offering the system for immediate deployment across the CGD Metering Products. The exercise will include SAP configuration, Meter Protocol Integration and Roll out of the product via the Cloud. Exhausting Training and customization services are available additionally as per requirements.