

PRODUCT DATASHEET

IMPRESA

Insights



With exponential growth in volume and sources of data, utilities have an ever-expanding opportunity to derive value from that data to support data-driven decisions across the business. Impresa Insights is a big data analytics platform that provides analytical insights into the most critical business areas of a Utility. It unlocks smart grid and AMI data and turns it into actionable insights for business operators.

Impresa Insights delivers a smart grid-centric data model to enable quick answers to the most pressing questions regarding Meter to Cash, Revenue Protection, Read Reliability, Distribution Planning, Batch Performance, and other operational insights for a smart grid and AMI system.

Impresa Insights is scalable and extendible with built-in capability for self-service BI, a unique feature that allows operators and executives to analyze data as per their preferences. Impresa Insights will be configured to ensure the right people see only relevant reports and can get the reports to their preferred communication channel and frequency.

Background

The Utility (electric, water, gas, wastewater) industry continuously produces vast volumes of data (usage, events, meter reads etc.), and this volume is ever-expanding, thanks to the advent of AMI/smart meters and other smart devices. Data-driven decision-making using advanced data analytics tools is key for any Utility to optimize cost, process, resource, and operational efficiencies. This can be achieved using an integrated modern platform that enables data to be accurate, readily shared, interpreted, and customized into a dashboard for decision-makers, across different levels. Teams within Utilities constantly face the need to build customized reports and demand an intuitive UI to be able to easily and quickly create required reports.

Key Benefits

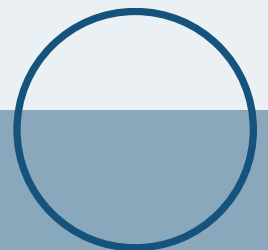
- *Actionable insights for Utilities*
- *Explore data across our enterprise applications*
- *Gain robust point-in-time historical data exploration capabilities*
- *Explore deep insights into trends and root causes of business problems*

Pre-integrated with

- Oracle Utilities Customer to Meter
- Oracle Utilities Customer Care and Billing
- Oracle Utilities Meter Data Management

Key Features

- Out-of-the-box insights
- Insights based on Utilities best practice
- Rich user interface and user experience
- Pre-built accelerators with Oracle utility products

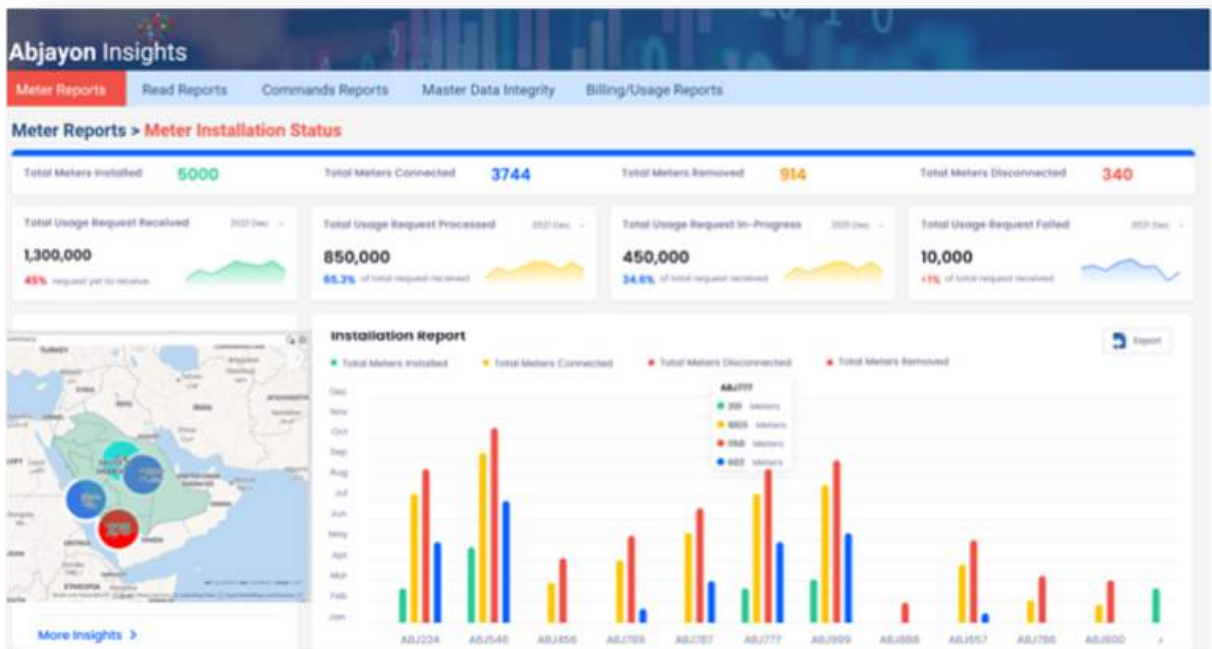


Overview

Impresa Insights for AMI can be divided into three broad categories: Meter Insights, Billing Insights and AMI System Insights.

The various modules of insights are as below:

Meter Analytics:



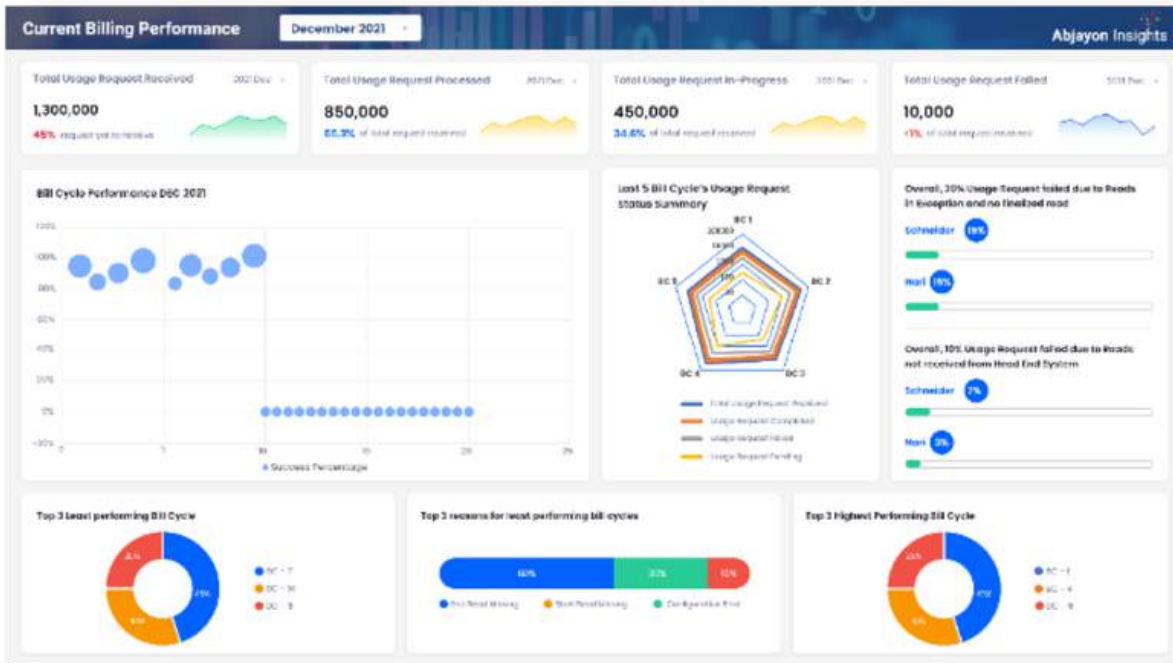
Meter analytics provides insights for the Utilities regarding number of meters installed/connected/disconnected/removed. Also, it provides the total number of usage requests received /processed/in progress/failed.

Map shows the number of installations based on the regions (area/ cis division/ office codes).

Utilities can view the number of installations per regions (area/ cis division/ office codes) based on meter status (installed/ connected/ disconnected/removed).



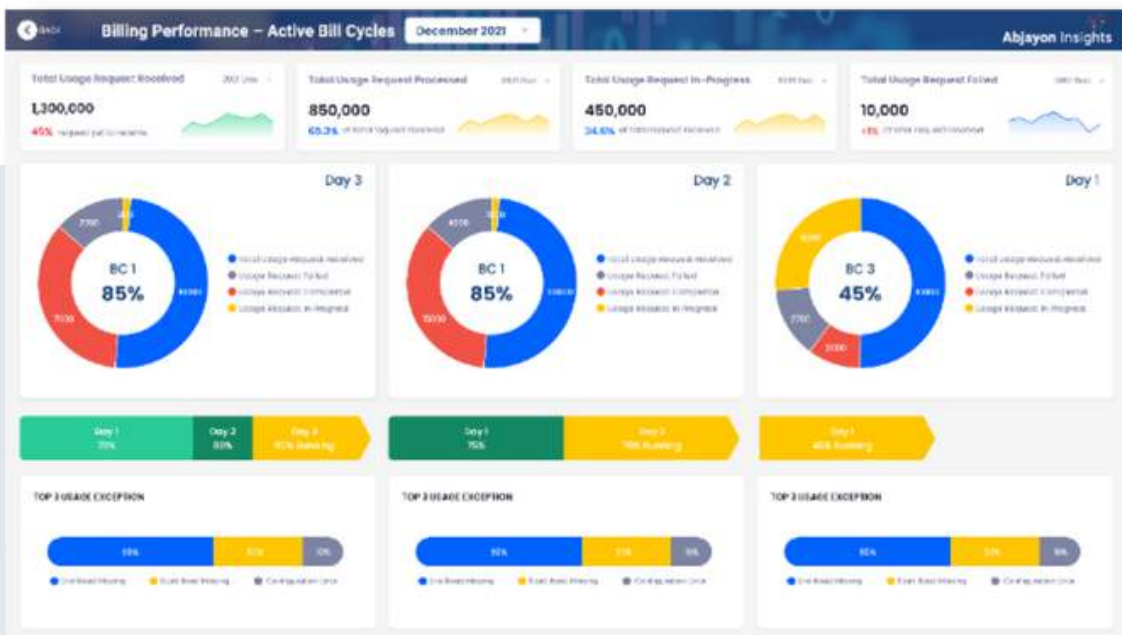
Billing Performance:



Billing performance provides insights about usage performance for instance total usage request received/processed/in progress/failed. Also, it provides bill cycle(s) usage request status summary.

The insights also provide the least performing bill cycles and the top reasons that makes bill cycle least performing.

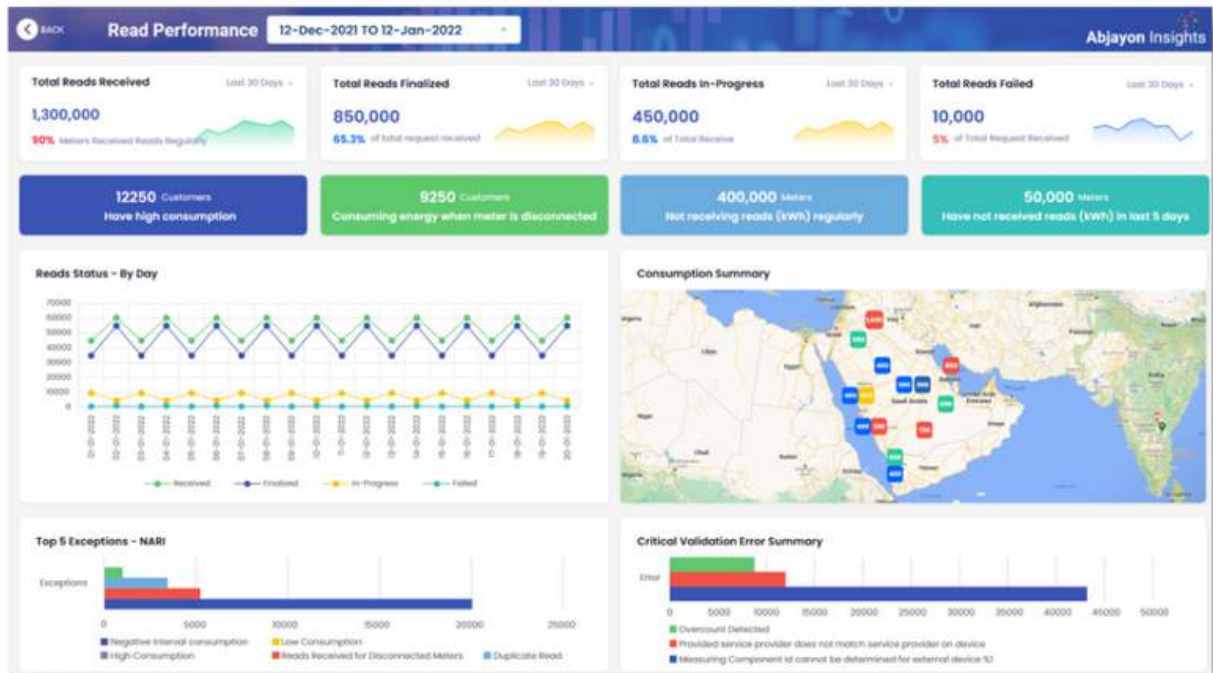
Billing Performance for Active Bill Cycle:



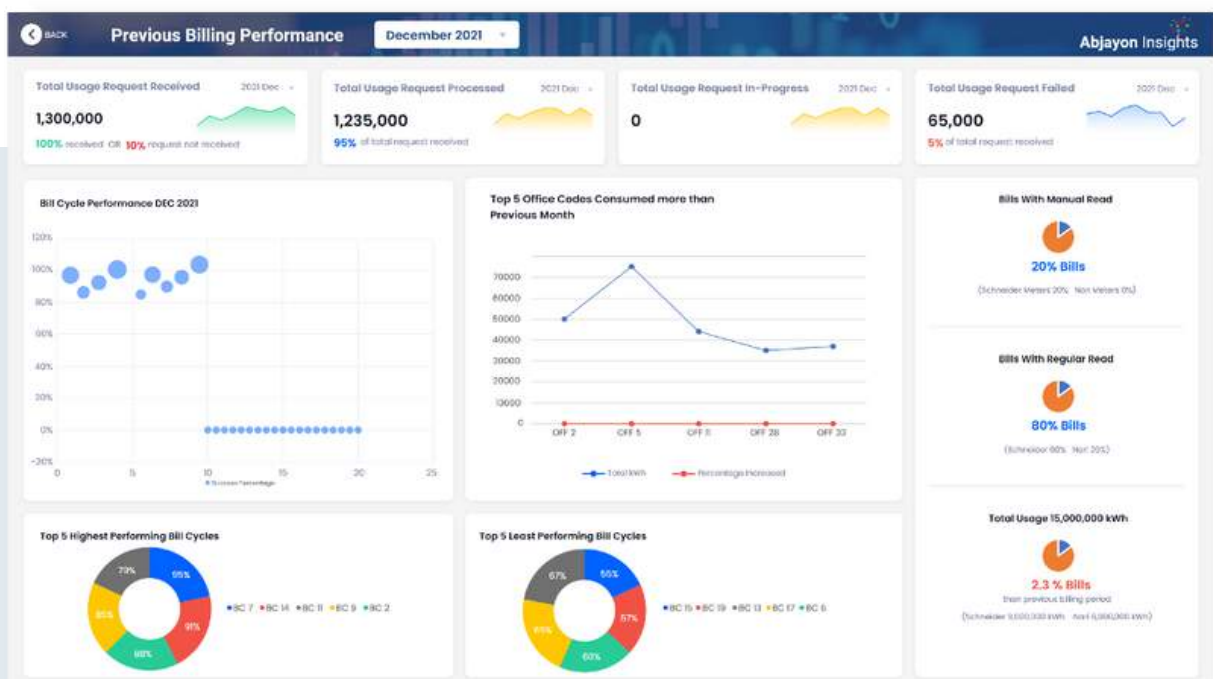
This analytics provides insights about the performance of usage requests for active bill cycles. Also, provides the insights about the processing of usage requests day-wise along with top usage exception.



The other reports of this Impresa Insight products:



Read Performance



Previous Bill Performance



**THANK
YOU**



The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

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