

Environmental Impact by PrismERP

PrismERP is an enterprise resource planning system for private and government enterprises. So far, the users of PrismERP have been observed to benefit mostly the revenue factor and productivity. But the application itself has multiple aspects of Environmental benefits.

PrismERP GAS Utility Management System:

Titas Gas Distribution and Transmission Company Limited is the largest gas distribution company in the country. Titas Gas covers 76% of total gas distribution in the country for domestic and industrial demands. The company is using PrismERP in almost all the aspects of its operations.

The application calculates area wise GAS demands by its consumer. The consumer is divided into two, namely, metered and non-metered.

All metered customers have their respective predefined maximum usage limit(CBM) as well as their partial records for daily and monthly consumption. The company is distributing gas zone wise as per the total GAS demand of a zone. PrismERP calculates the need of total allocated demands, total usage and average of the past months. It intelligently analyses data in case of over usage in any specific area, creates alerts for the service and maintenance department to test the supply lines, identify the misuse in any forms (eg. leakage, fraudulent activities) and take action immediately. In parallel, customers with misusage are being alerted for the misuse.

This implementation process of PrismERP helps save a lot of natural gas resource of the country every year, along with saving millions of money & creates natural gas sustainability.

PrismERP IoT Based Water Level Monitoring System:

In recent years, PrismERP has built a water level monitoring system integrated with IOT devices. The idea of this water level monitoring system is to protect misuse of supply water and electricity as well. PrismERP service management system monitors the consumption of power and it's cost & saving.

In Bangladesh, Government water supply came up to the tanks and into the ground floor. The domestic and commercial high rise building requires to uplift the water to the tanks on top of the building. The implementation of IOT based system sensors determine the level of water in the tank and triggers the motor to lift the water and turn off when it reaches the threshold of the tank. Thus it helps to stop misuse of the water by stopping the overflow and electricity parallely as the motor stops within the time required. Thus, no extra consumption of water and electricity; ergo, saves a lot of environmental resources.

The Environmental Concept of Cloud PrismERP:

Back in 2005, most companies in the country were using on premise servers or desktops for applications. In 2007, PrismERP started its journey with the concept of cloud computing, consequently saving huge environmental resources inside the company. An on-premise application needs to have a server room where extra power is consumed due to unaccountability of power requirement and dust inside the server room.

The customers of PrismERP are prescribed to use data centers (especially green data centers) where the power usage for individual applications are accountable, saving a lot of energy. PrismERP has over 600+ servers in 4 different data centers in the world. The estimated power savings is above 50%, solely for accountability.

To sum it up,, the users of PrismERP are being habituated to save natural energy and it is increasing day by day with a view to bringing forth an impactful change in the environment, contributing to the environmental benefit, how miniscule it may be.