



Case Study - Business Analytics

Our company information

Branch	Kolkata
Address	CD-293. Sector -1. Salt Lake City.
City, state, ZIP Code	Kolkata - 700064
Phone number	+91 33 4004 3052. +919433007077. +919433004134. +919433005312

Customer profile

Customer name	Special Gas & Equipment Solutions Pvt. Ltd.
Division	Speciality Gas Business Services
Address	Kolkata. West Bengal. India

Synopsis

Company profile

Special Gas & Equipment Solutions Pvt. Ltd. was established in the year 2010 with a focus on Specialty Gas Business Services. The company is a service oriented business house working with strong attention to customer requirements, accuracy and quality compliance. Not only supplying quality products is the basic principal governing the company but also providing the following VAS (Value Added Services) to customers is a priority.

Solution Provided

The project involves development of a Customized application for a 'Industrial Gas' supplier company. The functionality and features are listed below:

- **Masters**
 - Gas Master
 - Gas Specification Master
 - Cylinder Type Master
 - Cylinder Price Master
 - Gas Price Master
 - Regulator Master
 - Customer / Vendor Master

- Transporter Master
- GRN Control Master
- Bank Master
- User Master
- User Privilege Master
- SMS Type Master
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- **Lead Master Management**
 - Offer Management
 - Insert New order
- **Cylinder Management**
 - Purchase empty cylinder
 - Purchase filled cylinder with gas for out right sales
 - Delivery Challan Entry for refilling
 - Receive customer empty cylinder
 - Delivery of own cylinder to customer on rental basis
 - Transporter Rout Card Generation
 - Holding days counting
 - GRN to Invoice conversion
 - Cylinder Fit Reporting
 - Cylinder Testing – Hydro Testing
 - Cylinder Damage / Retrieve from Damage
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- **Order Flow Management**
 - Analyze client requirement against stock availability
 - If stock available then generate invoice & Challan
 - If stock not available then order send to vendor for refilling
 - Received refilled cylinder from the vendor
 - Generation of invoice & Challan.
 - Return Empty Cylinder entry.
 - Allocate return empty vendor cylinder to the vendor
- **Inventory management**
 - Item wise filled own cylinder count and details.
 - Item wise empty own cylinder count and details.
 - Item wise vendor cylinder count and details.
 - Item wise own cylinder count and details lying with vendor.
 - Search cylinder by entering unique batch number.
 - On Screen alert for empty cylinder due from customer.
 - On Screen alert for empty cylinder return to vendor.
 - On screen alert for maintaining cylinder Re-Order-Level against last three months sales.
- **Reporting**
 - Cylinder Purchase Details
 - Send for Refilling
 - Holding Days Count – Customer / Vendor

- Track Cylinder History by giving Cylinder Unique Number
- Product wise, Customer Wise Sales Report
- Route Card Report
- Delivery Invoice Details – Own / Customer / Vendor Cylinder
- Item wise cylinder sold with amount
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- **Accounts**
 - Customer Ledger.
 - Vendor Ledger
 - Received from Customer
 - Payment to Vendor
 - Refill vendor ledger item wise with amount.
 - Item wise customer Cylinder usages in date.

Benefits of the Integrated Application

Advance Cylinder Management allows our customers to monitor their actual cylinder usage, and supplies timely reporting that details how many cylinders they have, and how long they've had them, ensuring accurate billing and the elimination of lost cylinder issues.

Benefits include:

- **Accuracy:** With every cylinder keeping track of date delivered, date returned, and your information, Users can always see what's on hand and for how long.
- **Tracking:** Cylinder transactions are posted on a daily basis. Cylinder records are always up to date, so customers don't have to wait to see their cylinder status.
- **Reporting:** We can supply detailed reports to our customers including rental reports, transaction histories, and cost analysis breakdowns. This enables our customers to not only track their usage, but see where costs efficiencies can be gained.
- **Traceability:** Cylinders never get lost. The tracking system links each cylinder to the last user, so cylinders returned get credited to the account that they are out on. If a cylinder gets returned by another party, it automatically gets credited to the correct customer, reducing your exposure to lost cylinder issues.

At SDS Solutions, we are dedicated to providing you with the valuable information you need to manage for your business, and in another way SDS helps you stay "on track"!

Technology used

Technology: VB.net in the front end and SQL server as database.