SIMPLEX CASTINGS LTD.

Streamlining Inventory, Analysis; Regulating Data Retrieval and Synchronization

Case Study

# Background

**Opportunity**
Inventory Tracking
Report Creation

**Why Visualr**
Conversant and Persuasive
Visualization
Low TCO
Scalability

**Data Sources**
Enterprise wide:
MS Excel
SQL Stored Procedure

Simplex Engineering is a Chhattisgarh based company that offers a range of foundry and engineering related products and industrial solutions to its customers and clients. The company has a large number of clients who are primarily based in the states of Chhattisgarh and Madhya Pradesh, and other parts of the nation as well. They have been using legacy manual systems and solutions for processing their database, and were going through a number of difficulties in achieving their goals.

## Opportunity: Data Retrieval and Inventory Management

Core challenges being faced by the company were related to digging information timely from its database. Simplex was having multiple organizations running on various database types, and a large extent of its data was fetched from excel sheets and files. They were looking for a data visualization solution that, apart from addressing these primary challenges, could also enable the company to know the status of its site-wise stock inventory, project-wise and site-wise stock value, part family-wise stock inventory and overdue invoices.

Before adopting Visualr, the IT team of Simplex was using MS Excel to extract data and create charts.

Accordingly, the team had to re-pull the data and adjust the chart for each minor change that was made to even a single cell inside the table. Also, the limitations of MS Excel neither allows complex calculations such as ward-wise occupancy, nor do they enable creation of dashboards from multiple data sources, which made sharing dashboards with huge data size very difficult to realize and maintain. Not only this, the inbuilt report information available within their legacy data visualization solution was very limited, and it was very expensive, complicated to create reports with the help of this tool.

# The Game Changing Logics

**Efficient Tracking**

After the deployment and implementation of Visualr, Simplex Engineering experienced a host of benefits and enhancements in the procedure of generating dashboards, fetching data on a regular basis; and keeping an uninterrupted track of the status of its inventory.

**Data Visualization and Report Creation**

Visualr allowed the IT team of Simplex to connect to multiple data sources and create reports out of them. These reports can further be stacked upon a single dashboard which is best for their executives.

**Data Refinement**

Complex formula and calculations that are quite tedious to write in MS Excel were now replaced with stored procedures, which are fast and provide only desired output in a rapid manner.
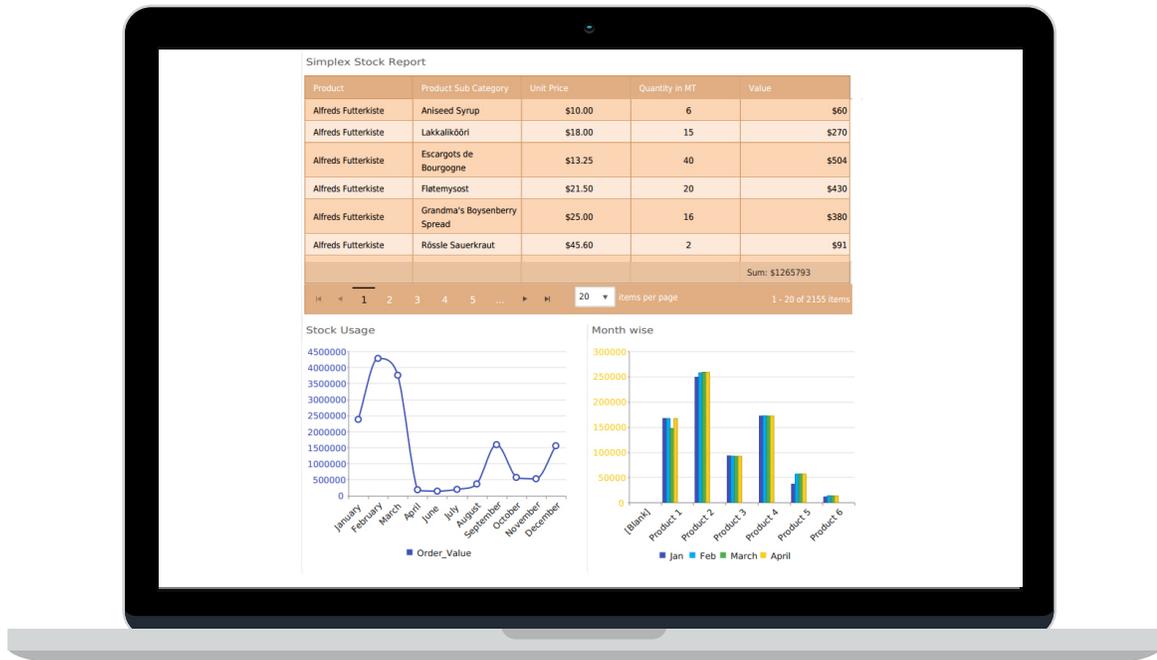
## Primary Outcomes

**Data Visualization and Report Creation**

**Efficient Tracking**

**Data Refinement**

# Key Performing Metrics



Before buying Visualr, they were using excel to extract data and create charts. For every change they had to re-pull the data and adjust the chart. They couldn't perform complex calculation in excel. Their inbuilt tool for report information was very limited and creating each report was costly and every time needed to approach OEM. Visualr solved their problem and allowed them to connect to multiple data sources and creates reports. Complex formula and calculations which was tedious to write in excel moved to stored procedures which are fast and provide only desired output. Role based access segregated sensitive data within a group of decisions makers and different group of business operation.

# Key Benefits

Data transition become smooth, seamless and uniform

Live view of its reports and dashboards, as the solution features an auto-refresh functionality.

# About Visualr

Visualr is a state-of-the-art data visualization tool, which allows you to see through your data and gain useful insights that might be of great help to you in realizing the status, issues and demands of your business in a better way.