

BI Reporting Dashboard for Swiss company SIGVARIS

1. Background - Who is the Company and what was happening at the Company? Why did they need the application?

The Swiss company SIGVARIS, 100% family-owned since it was founded, is the global market leader in the manufacture of medical compression garments and celebrated its 150th anniversary in 2014. SIGVARIS produced “rubber-elastic textiles”, which it sold both in Switzerland and abroad.

The product portfolio was expanded in 2009 when the WELL BEING and SPORTS lines were added to the main MEDICAL line. WELL BEING stockings have a preventive function and relieve the early symptoms of leg conditions. SPORTS products improve athlete performance and recovery time.

Customers around the world include pharmacies, chemists, orthopedic and medical specialist stores as well as doctors and hospitals. The Group produced over 8 million pairs of stockings in 2016 and generated revenue of around CHF 250 million.

2. Goals: What were the goals of the application?

Web Based Financial reporting solution <https://www.sigvaris.com> in ASP.NET MVC - AngularJS & SQL Server. This is done for a Swiss based manufacturing company and is used for monthly sales-cost data reporting along with using it as a business intelligence solution for decision-making.

3. Strategy: Did the Company try to hire other developers and fail? What were they looking for in a development partner?

Yes, company hired other developers and was not getting proper results. Then we got connected. We analyzed the system, and created the Business Analysis document to understand the pain/ need and define the business solution. This document helped us get into an agreement with Sigvaris and to provide a

foundation to define what solution needs to do to satisfy the customer's and business' needs.

4. Plan: What did the development process look like, step by step?

Development process and version control:

- Review, assign task(s)
- Setup project
- Complete task(s), push, commit
- Database updates
- Link branch to subdomain, testing
- Submit and review
- Pull requests
- Conflicts
- Merge with dev and test
- Merge with master and confirm updates

Environments:

- Development server - Will be used for development and testing
- Staging server - Will be used for client review and UAT.
- Production server – Final application will be deployed here.

Project Management Methodology:

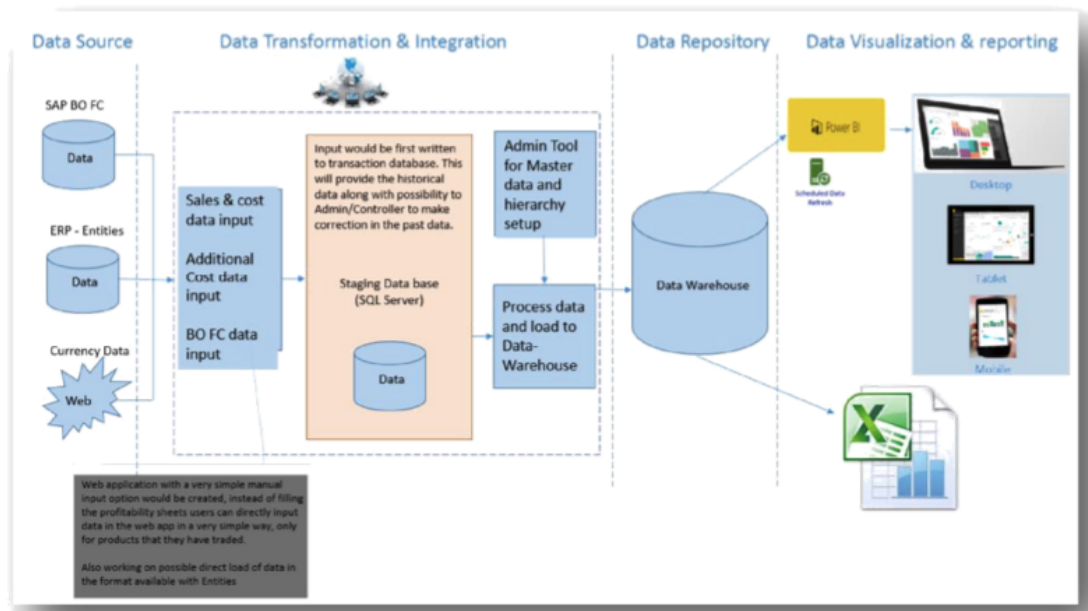
Agile project management focuses on delivering maximum value against business priorities in the time and budget allowed.

- The project breaks a requirement into smaller pieces, which are then prioritized by the team in terms of importance.
- The agile project promotes collaborative working, especially with the customer.
- The agile project reflects, learns and adjusts at regular intervals to ensure that the customer is always satisfied and is provided with outcomes that result in benefits.
- Agile methods integrate planning with execution, allowing an organisation to create a working mindset that helps a team respond effectively to changing requirements.

Version Control:

- Master branch contains the latest STABLE build. Direct push to this branch is forbidden and should not be allowed by Git permissions.
- Dev branch is the primary development branch for testing before changes and updates are pushed to the master branch. All developers work will be tested on the dev branch and dev subdomain before updates are merged with the master branch.
- Direct FTP to the server is not allowed. All work will be performed through git.
- Developers can work on different tasks at the same time.

5. Pictures: Do you have images of the application?



Dashboard

- Transaction
- Incomes
- Expenses
- Account
- Budgets
- Settings
- Expense Categories
- Income Categories
- Reports & Graphs
 - Income Vs Expense
 - Income Calendar
 - Expense Calendar
 - Income Reports
 - Expense Reports
- Profile Settings
- Logout

Summary Cards:

- Current Expense This Month: \$ 111,000
- Current Income This Month: \$ 2,800,000
- Your Total Expense: \$ 111,000
- Your Current Total Balance: \$ 2,689,000

Latest 10 Income

Title	Date	Account	Amount
Test	Jan 25 2015	Card	\$ 2,500,000
Salary	Jan 25 2015	Account	\$ 200,000
Payment	Jan 25 2015	Card	\$ 100,000

[View Details](#)

Latest 10 Expense

Title	Date	Account	Amount
Bayar Uang Ujin	Jan 25 2015	Card	\$ 5,000
Bear	Jan 25 2015	Card	\$ 2,000
Bear	Jan 25 2015	Card	\$ 4,000
Shopping	Jan 25 2015	Card	\$ 100,000

[View Details](#)







Account Balances

Assets Reports

+ New Transaction Download Income Reports

History of Assets

Search...

Title	Date	Category	Account	Description	Amount	Action
Test	Jan 25 2015	Salary	Card		\$ 2,500,000	 
Salary	Jan 25 2015	Salary	Account	Salary	\$ 200,000	 
Payment	Jan 25 2015	Salary	Card	Payment..	\$ 100,000	 
Title	Date	Category	Account	Description	Amount	Action

6. Results: How did the application do in production? What ROI did the application provide to the business?

Developed an end-to-end solution, where the multiple offices can submit their monthly sales & cost data over the web. Accounting/Controlling department collates the data and run the currency scenarios along with running intercompany profit elimination scenarios. Post which data is send over to SQL DWH and reported on MTD/YTD basis as well as comparison with previous year data.

This provided them one view of their finance summary and manage the finance better.