Custom SharePoint Features for Risk Management Firm

Data Migration, Data Processing & Workflow Development

Who is the client?

The client is a business, engineering and management resource team providing a complete offering of risk planning and assessment services. They perform Risk, Threat, and Vulnerability Assessments for major private companies, utilities, states, countries and city governments.

What was the client trying to achieve?

The Client was looking for a reliable service provider to understand, design and implement new features for their existing SharePoint sites. The requirements included migrating XML data stored inside SharePoint InfoPath forms to SharePoint lists, developing workflows, and moving and processing the data to a list.



Fetched data from a SharePoint list and moved to a SQL server

What services did Data-Core provide? What challenges were overcome?

Data-Core provided many services for the Client. They integrated third party controls to SharePoint and wrote ETLs to fetch data from a SharePoint list and move it to a SQL server. The SQL server data was ultimately processed to use as a source for Power BI reports.

Throughout the development of different components, there were many challenges faced during this service-based project.

Here are a few of the challenges Data-Core was able to overcome...

- Learned and understood the domain by studying columns and data thoroughly from all tables
- Studied the existing relationship to create a new relationship based model
- Based on the requirement of the client, created new tables in Power BI environment and complex DAX queries

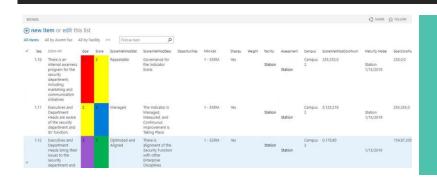
Data-Core was able to maintain the production environment to support the future enhancements and change requests. The following enhancements were developed and tested in the Test environment and then deployed to Production.

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What stand-out points are there from these services?

Data-Core enabled the client to achieve their goal of launching their project with a very systematic, scalable and easy to maintain process which is outlined below:

- Created SharePoint Web Parts
- Created SharePoint workflows
- Created complex data modelling
- Created ETL JOBs for all data migration
- Sliding Filter Pane
- Multi page report with navigation
- Created Job Scheduler for automatic data refresh

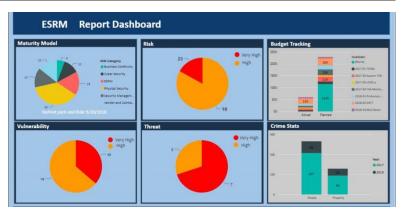


JQuery client web parts mark each cell for goal & score with predefined color

In Summary...

The implementation of the custom SharePoint features was a success and Data-Core is currently developing new SharePoint sites for the client.

Processed data was used for Power BI reports



Discover the Data-Core Advantage. Learn how we can help your company be more relevant, effective and efficient.



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