Precisi⌖n
Technologies Corp.

Client Issue

Our client, a fast-growing healthcare company, had unprecedented growth and due to this expansion was receiving mass amounts of data from each of its providers and partners. This data provided patient and provider detail that assists the client in a wide array of decisions and direction. However, because the vast amounts of data were coming from different sources and was unstructured, the client needed to launch a Data Management Architecture project in order to gain value from the data. They needed to define a strategy, build a data warehouse, convert all of the data to structured data, and get the data ready for the visualization team. They were operating from Excel and .CSV files, not running a cloud environment and all data was stored in SQL Server.

Our Solution

We kicked off the project working with the client to clarify the scope and understand all the nuances from the client team. We began analyzing and assessing the issue in order to determine where problems existed. The strategy was confirmed with the client and work began by creating stories to create the initial sprints. The data warehouse was established, and data conversion began. Some of the data was being received with some level of formatting; however, most of the data was unstructured and full records existed within a single field requiring it to be extracted and cleansed. Using Hadoop and Scoop, we were able to extract the data and prepare the work. The architecture and mapping were established, and data began flowing to the data scientists.

Upon transforming the data and adding it to the architecture, the EDI team separated the data into the fields. Tens of thousands of reports needed to be converted and a long-standing protocol was implemented. Three months later, nearly 2000 reports had been added to the data warehouse faster than the original five-month estimation. Part of the project was to resolve the deadlocks caused by 10 teams at one time. Clear visibility and communication were provided to management and the project continues.

Key Benefits

This project had many moving parts right from the strategy formulation and execution with attention to processes, data flows, etc. needed to collect, organize, harmonize and utilize to the business advantage. All of this was conducted while

Key Benefits (continued)

maintaining the highest standards of data security as it's an important aspect in the industry and to our client. Throughout the project, we have maintained quality communication and visibility to management while exceeding timelines and saving budget.

- Data is now centrally located
- .Net team was able to begin working on extraction and visualization ahead of schedule
- Full access for the company has been established
- The strategy was deemed a success through the milestones
- The project is ahead of schedule
- PowerBI was implemented for the visualization team

Ready to learn how we can assist **your Business Intelligence projects?**

About Precision

Precision Technologies Corp. (PTC) is a leading full stack IT Company with a diversified portfolio comprising staffing services, application development, and mobility solutions and beyond. Since 2010, our clients have leveraged our staffing and consulting experience to obtain escalated technical services across the industries. We often are told that our solutions are very precise, cost-effective and process driven, thereby delivering intended results.

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