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Cloud Migration and Data Warehousing with DCAC and Azure

The Elizabeth Glaser Pediatric AIDS Foundation saved 75% on annual IT administrative costs with Denny Cherry & Associates Consulting's (DCAC) Cloud Migration and Data Warehousing Solution that offers scalability, reliability, and agility.

The Client:

Elizabeth Glaser Pediatric AIDS Foundation [EGPAF] is the global leader in the fight against pediatric HIV/AIDS and has reached nearly 30 million pregnant women with services to prevent transmission of HIV to their babies. Stephanie Bruno is the Senior Manager of Informatics.

The Challenge:

Having grown and expanded their international reach, EGPAF charged Bruno with finding a more effective way to communicate with the 5200 medical facilities they sponsor in 19 countries around the globe. But their envisioned data warehousing solution was going to be a challenge, as it would need to process non-standard data from multiple countries, unique databases, as well as complex security issues due to conveying medical data. Finally, as a non-profit, there was the issue of cost.

"DCAC's data warehousing solution offers us enormous administrative savings while providing better data to save lives."

*Stephanie Bruno
Senior Manager of Informatics*

A solution was vital to the mothers and children EGPAF sponsors. "It's literally a matter of life and death. Having clean, trustworthy data available means faster access to sponsorship and improves medical outcomes," Bruno explains.





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Differentiation by DCAC: A Data Warehousing Solution

The Solution:

On a recommendation, EGPAF contacted the globally renowned experts at DCAC. DCAC proposed an All-Azure solution. The system would utilize:

- SQL Server Integration Services packages to import the data from clinics;
- Business Intelligence Markup Language (BIML) to generate the SQL Server Integration Packages; allowing for changes to source data files to be handled quickly and easily
- Power BI reports so data could be viewed by staff as soon as it was imported;
- Power BI to easily view the data for any country or time range they wish to see;
- Permissions via Azure SQL Database to ensure all legal and medical compliance issues were met.

A team of three DCAC world renowned experts lead by Joey D'Antoni designed the architecture and guide the migration.

DCAC's solution for EGPAF garnered multiple accolades at the 2019 American Business Awards including Technical Innovation of the Year and Technical Professional of the Year for lead architect Joey D'Antoni.

The Results:

According to EGPAF, DCAC's innovation will save up to 300,000 administrative hours per year, a 75% reduction in time spent gathering/aggregating/cleaning data, while potentially increasing donations.

Stephanie commented, "Thanks to DCAC, we can provide more tailored services to health facilities to improve outcomes. Additionally, our donors are requiring detailed data, so they know their donations are being used effectively. DCAC's solution offers us enormous administrative savings while providing better data to save lives."

Summary:

- Saving lives
- Increasing donations
- IT Savings up to 75% a year
- All Azure Solution
- Power BI reports so medical data can be acted on immediately
- Power BI to view data for any country or time range
- SQL Server Integration Services packages to import data
- BIML to generate SQL Server Integration Packages
- Azure SQL Database permissions

Ready for your Data Warehousing solution? Visit Denny Cherry & Associates Consulting on the web at www.dcac.com. Your data, our expertise.