DUNS Number: 117067505
CAGE Number: 8BVS8

CERTIFICATIONS:
SBA – WOSB

KEY PERSONNEL:

Margarita Abramov
President & CFO

Elina Lemberg
CMO

Alex Lemberg
VP, Strategic Service Solution

NAICS CODES:
518210 Data Processing & Hosting 519190 Other Information Svc 541511ComputerProgramming 541512 Computer System Design 541513 Computer Facilities Mgmt. 541519 Computer Related Svc 541611 Mgmt. Consulting Svc 541612 Human Resource Consulting 541614 Logistics Consulting Svc 541618 Other Management Svc 561110 Office Administrative Svc 561210 Facilities Support Svc 561320 Temporary Staffing Svc
611420 Computer Training

PSC CODES:
R4 Prof/Administrative/Management D310 Cyber Security and Data Backup R499 Support Professional Other R616 Administrative Support Services R617 Electronic Record Management D302 System Development
D307 IT strategy and Architecture D311 Data Conversion
R702 Data Collection
D303 Data Entry
D308 Programming
D301 IT Facility Operations and Management
D306 System Analysis
D309 Information Data Distribution

Data Design and Compliance Services, LLC d/b/a DataViz Intel

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About DataViz Intel

DataViz Intel is a rapidly growing Women Organized certified small business that provides superior, affordable, and innovative solutions to government agencies, and corporations nationwide. Our services encompass data and statistical analysis, program integrity, system automation for analytics, data warehousing, quality control, configuration management, and full lifecycle system development.

Our experienced project managers have the ability to implement our Rapid Implementation Methodology, which ensures project initiatives are up and running with an expert approach and technical expertise, while meeting all the compliance requirements as part of our Software Development Life Cycle. DataViz Intel manages and delivers projects and provides technical assistance to augment application development teams. Our consulting services are exemplary, our pricing - competitive.

Services and Solutions

- Big Data Solutions to meet the challenges related to storage, management, processing, and visualization of data. Enterprise and social processing of data has manifested four challenges with data; volume, variety, velocity, and veracity, DataViz Intel has established skills in all these areas.

- Data and Statistical Analytics for evidence-based support in decision making, quality care, performance management, fraud detection, and business intelligence (BI): We identify recurring patterns, build metrics, and implement BI portals that optimize efficiency and cost savings.

- ProgramIntegrity: Withtheuseofdatamining, surveyanalysis, andprogrammanagement, we help agencies and companies avoid fraud, waste, and abuse.

- System Automation for Analytics, Warehousing, and Quality Control: Using automated ETL (Extract, Transform and Loading), reporting, data hygiene, and analytics, our systems evaluate data as it is generated, giving agencies an up-to-the-minute picture of their performance and costs.

- Uncompromised Third Party Evaluation of Software, Personnel, and Processes: We evaluate software, personnel, and processes for system optimization, and human productivity.

- Full Life-Cycle System Development: Our software systems help clients achieve process maturity and automation.

Partnerships

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Data Migration
- Data Quality
- Data Warehousing
- Master Data Management
- Data Synchronization
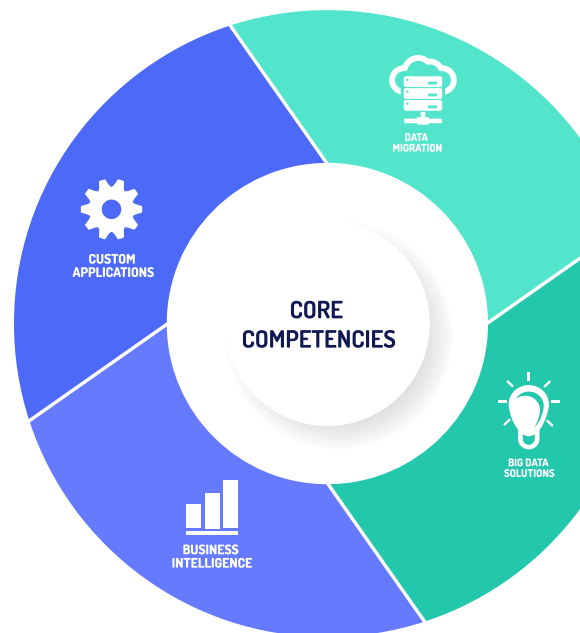- Data Consolidation
- B2B Integration

Business Intelligence
- Reporting and Compliance
- Analytics
- Dashboards & Scorecards
- Enterprise Planning & Forecasting
- Consolidation
- Budgeting
- Data Mining

Custom Applications
- Web Applications
- Database Applications
- Support & Maintenance/QA & Testing

Big Data Solutions
- Architectural/Strategic Consulting for product selection, use case based solutions
- Design/develop/test & implement Big Data projects - physical or cloud infrastructure
- Data Sciences (statistics, mining, machine learning) - Hadoop ecosystem
- Data Access & Security – Hadoop ecosystem
- Legacy (mainframe, AS400) migration & integration to Hadoop based ecosystems
- High Volume data processing (ETL) on Hadoop
- Real Time build solutions – NOSQL platform – deliver high capacity & volume Data visualization using latest BI tools – Hadoop ecosystem
- Graph based data processing
- MEDRMP and RDM on Hadoop based ecosystem.

CORE COMPETENCIES

- CUSTOM APPLICATIONS
- DATA MIGRATION
- BIG DATA SOLUTIONS
- BUSINESS INTELLIGENCE

Typical Use Cases

Business Analytics
Building a traditional data warehouse involves expensive hardware and storage and millions of dollars. Cost can be reduced using AWS Redshift which is a columnar database for efficient storage and built in parallel processing and can be scaled to hundreds of nodes.

Big Data Processing
AWS EMR (Hadoop) can be setup in minutes to process unlimited amounts of data. Hadoop clusters can be scaled up and scaled down based on the need and pay by the hour for the machines used instead of investing in hardware.

Event Processing and IOT
To handle and capture events generated from mobile and other devices, scalable architecture is needed which can handle millions of events. Event processing can be done with Amazon Kinesis which will scale up and down based on the load and you pay only for the time used.

DR and HA in cloud
Unlike in traditional data centers where you have to invest in hardware for DR and HA, DataViz Intel can define templates for the setup of DR/HA solution in the cloud with pay-as-you-go pricing.

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Data Warehouse Architect Project

Provided brokerage client a complete hardware and software solution that contains a fully integrated stack of processors, memory, storage, operating system, and database management software. The data warehouse solution is appliance based, and is typically constructed to be optimized for enterprise data warehouses, designed to handle massive amounts of data and queries, and designed for scalability. At its core, our solution design simplifies the deployment, scaling, and management of the database and storage infrastructure as it provides a self-managing, self-tuning, plug-and-play database management system that can be scaled out in a modular manner.

Our data warehouse design is a fully-integrated solution that contains:
- Database Management
- System (DMBS) Server Hardware
- Storage Capabilities
- Operating System (OS)

The primary factor for the platform scalability and large-query optimization of the data warehouse is its massively parallel processing (MPP) architecture. These MPP architectures are comprised of numerous independent processors or servers that all execute in parallel. Almost all large operations in the data warehouse environment, including data loads, query processes, backups, restorations, and indexing are executed completely in parallel. Our approach allows for extreme high performance and allows for systems to scale linearly as new processors can easily be added into the environment.

BI Tools Projects

Over 200+ projects for hedge funds, private equity, family offices, real estate funds focused on data visualization, data centralization and optimization, machine learning and predictive analytics modeling. 2010 – present

Product Information:
- Risk Dashboard—an integrated, portfolio performance measurement and risk-management reporting system for portfolio and fund managers and their customers developed for Credit Unions. Managers use the dashboard to demonstrate recommendations and models to their clients.
- Reporting framework reduced client implementations to 2-3 weeks.
- Data warehouse currently integrates data from Major ERPs(JD Edwards for Financials, PeopleSoft for HR, SAP for Financial, HR, etc.) and other external client systems.
- Created a Product that is recognized as a market differentiator.
- Provided Dashboards that allowed to track activity history data that enabled executives, account managers and project management to understand profitability, identify growing/risk and make more informed decisions regarding business strategy and attribution; recognition and staff retention. The BI Portal provides a comprehensive way to visualize and better understand the financial, labor utilization, and profitability of the entire business.
- Using the our Data Visualization solutions, the teams are now able to perform rapid BI analysis on more production and operational data than before. They can quickly find out front line production performance as well as back office operations and compliance, how products are distributed across industry asset allocation models, and answers to other queries.

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Big Data Project

Objectives

To provide effective and efficient SAP user support by reducing the use of FireFighter while complying with regulatory conditions

Solution

Allow client to enhance its SAP user experience with secure and accurate test data access.
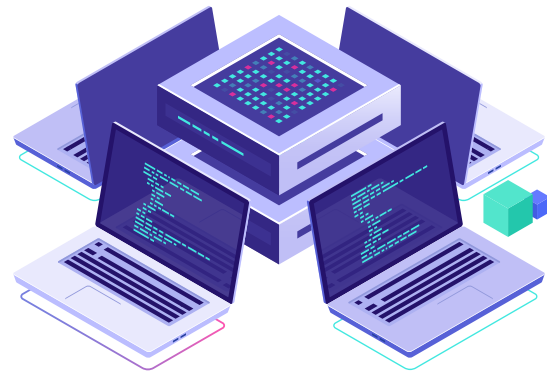
Benefits

Support Markit's SAP users more easily and quickly

~30% reduction in usage of Firefighter access

Less documentation while meeting compliance and regulatory conditions

Fewer approvals and reviews and less development changes

Our Big Data SME team has over 20+ years of experience working with large dataset collected
from disparate sources in various formats to deliver value to business. He has worked
on numerous use case various business verticals including financial, goverment, retail, supply chain, healthcare, digital media (web properties) etc. Excellent domain knowledge of big data technologies with a background in various programming languages, service oriented architecture, web technologies etc. helping drive insights from data for various businesses.

Our Team has helped organizations with big data platform by:
- Helping them lay out a big data strategy
- Performing proof of concepts, delivery & production operationalization of solutions
- Discovering value from data by using the latest in Data sciences, visualization and processing
- Risk Management
- Compliance
- Schedule and Field Coordination
- Change Order Management
- Contract Management
- Client Reporting
- Operational Transparency

- Tactical roadmap and functionality of various databases and applications.

- Assessment of applications and database systems, to develop the complete understanding of the business environment, and identify the barriers and risks to the changes being proposed. It will establish the strategies and contingencies to mitigate these risks and barriers. It will also identify the business impacts to the business for its transformation objectives including process, applications, infrastructure, applications, support, and all services.

- Infrastructure Assessment (Servers, Storage, etc.): Assess the infrastructure, including performing an inventory. Document the age, capacity, manufacturer, and ability to scale. Also assess technical knowledge and support needs. Provide an architectural document showing relationships between the various components of the infrastructure and the backup and disaster recovery strategies.
Network Infrastructure Assessment by performing an inventory of each site showing network components and support requirements. Document the network topology and capacity availability and utilization. Identify traffic behavior and trends and network outage contingencies and configuration management of network components.

- Estimation of steps, process and effort to deliver a complete migration strategy and plan by application including the Risk assessment and recommendations.

- Determinate the preparation or prerequisites to move each application, constrains and recommendations.
Determinate infrastructure improvements to support legacy applications with high risk to be moved and should remain in country.

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