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CAGE Number: 71YV3

CERTIFICATIONS:

- SBA – 8(a)
- GSA – Schedule 70 (GS35F485CA)
- DBE – GDOT
- MBE – GMSDC
- CIO – SP3 (Teaming Partner)

KEY PERSONNEL:

- Srinivas Surapaneni - President & CEO
- Ranjan Dattagupta - EVP
- Viplav Valluri - VP, Business Development

ADVISORY BOARD:

- Brig. Gen. David Uhrich (Retd.) - Chairman
- Indra Dattagupta – Vice Chairperson
- Lisa Cairns – Board Member
- Srinivas Surapaneni

NAICS CODES:

- 518210 Data Processing & Hosting
- 519190 Other Information Svc
- 541511 Computer Programming
- 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:

- D3 IT & Telecommunications
- R4 Prof/Administrative/Management

24X7SYSTEMS, Inc.

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About 24X7SYSTEMS

24X7SYSTEMS is a rapidly growing 8(a) 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 24X7SYSTEMS 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. 24X7SYSTEMS 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. 24X7SYSTEMS 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.
- Program Integrity: With the use of data mining, survey analysis, and program management, 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



Core Competencies

Data Management

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

Business Intelligence

- Reporting
- Analytics
- Dashboards & Scorecards
- Enterprise Planning & Forecasting
- Consolidation
- Budgeting
- Data Mining

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
- MDM and RDM on Hadoop based ecosystem.

Enterprise Applications

- ERP
- CRM
- SCM

Custom Applications

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

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, 24X7SYSTEMS can define templates for the setup of DR/HA solution in the cloud with pay-as-you-go pricing.

Ask for a Proof of Concept (PoC) today



Call Us

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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 Project

Successfully developed a suite of business intelligence (BI) tools named 'Biz Analyzer' that Credit Union advisors use to analyze vast stores of product, client, and market data.

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.
- Our first successful pilot implementation took us 6 months.
- We have global clients using in more than 25 BI Portal implementations.
- 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, and is included for Microsoft Front Runner for Innovate for SQL Server.
- Aggregating commission, market share, and activity history data enables account managers and senior management of Credit Unions to understand account profitability, identify growing/risk accounts 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 commission, effort, and profitability of the entire business.
- Using the Biz Analyzer, Credit Union financial advisors are now able to perform rapid BI analysis on more transactional data than before. They can quickly find out how strong client relationships are, how products are distributed across industry asset allocation models, and answers to other queries.



Big Data Project

- Successfully built highly fault-tolerant, scalable, and large volume processing systems such as GSM devices' inventory system (patented) of all subscribers for a large US telecom company.
- Stream based notification system for a pioneering product launch (Apple iPhone), spend classifiers, item classifiers, FAST (free and secure trade) duty calculation system, healthcare analytics to reduce collection costs etc.

Data Warehousing and Big Data SMEs.

Confident, dedicated Business Intelligence thought leader with career-long goal record of promotion, stakeholder satisfaction, team building and strategic insight, our Data Warehousing SME brings 20+ years of Enterprise Software Design, Architecture and leadership skills to deliver strategic technical solutions and products for clients such as AT&T, Verizon, Credit Unions, CB Richard Ellis, Jones Lang LaSalle, Northside Hospital, Kronos, AIG, Goldman Sachs etc. He has ensured strategic applications delivery with creation of robust BI Architecture environments scaled for long term enterprise use. As a strategic IT executive he has developed and executed multi-pronged solutions that have presented high-ROI business cases for management. As a Data Warehousing SME has lead multiple enterprise level implementations that created measurable increase in revenues and improved efficiencies.

Our Big Data SME has over 12+ 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 telecom, 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. He has helped companies with big data platform by:

- a. Helping them lay out a big data strategy.
- b. Performing proof of concepts, delivery & production operationalization of solutions.
- c. Discovering value from data by using the latest in Data sciences, visualization and processing.

Duty Drawback System for Customs Advisory Services (CASI)

CASI, incorporated in Georgia, has MS SQL based Database with DOS based applications querying various data-sets required for reporting purposes. CASI has begun an effort to implement a web-based, easy to use and saleable system, to better support CASI's business model. The primary objective is to establish an application/database strategy and roadmap, and to develop a product that CASI at some point would re-sale to its customers. The effort will also develop a rollout and support plan that will optimally utilize resources at CASI.

Objectives for the turnkey project were as follows:

- Tactical roadmap and functionality of various databases and applications.
- Production of various reports pertaining to Duty Drawback, required by US Customs and US Government
- Assessment of applications and database systems, to develop the complete understanding of the CASI's 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.