

Growing Business Solutions LLC (GBS)

Distilled Information Services Middleware

GBS has Information Systems expertise specifically in the area of middleware-database interaction. After over a decade of focused independent research and experimentation, its principle researcher and founder, John Dale, collected a set of patterns to optimize the interactions, distilling them down to a discrete set of heuristics used to create an effective software package for database interaction unrivaled in footprint and utility.



The resulting software package reflects some of the best aspects of the Java 2 Enterprise Edition (J2EE) paradigm, but through diligent contemplation, defined a master pattern for database interaction that enforces thrift and efficiency through to other tiers of a distributed scalable Information System.

Use cases were carefully selected to vet the efficacy of the platform, resulting in the following capabilities:

- John Dale, MS MIS provides strategic insight and maintains purview over the application of this “general motor for The Internet”
- High end encryption services (Symmetric and Public/Private Key) for digital communication; text, audio
- Model Driven services logic fully encapsulated, with security baked in through normalized database association between database entities
- Aside from a small, simple HTML5 bootstrap loader, the solution achieves complete separation of presentational tier logic and server side logic, using Object-Oriented JSON graphs as the transport intermediary, the structure of which is ultimately enforced by the Relational Database Management System's proven tools enforcing relational integrity
- Normalization of system patterns provide superior opportunity for software workforce multiplication and parallel development while maintaining superior ability to integrate disparately managed, changing system features
- Streamlined Dev/Ops architecture provides push-button deployment of new features to testing, quality assurance, and production environments

Clients to whom we have provided enterprise services in the past:

- The Wyoming Highway Patrol Association
- The University of Arizona
- Coast Capital Savings
- Western Center for Risk Management

Certifications:

At the current time, we do not have the financial capacity to acquire state and federal certifications, and are undergoing the process of acquiring contract vehicles and capacity to build upon our core Information Systems Intellectual Property.

Applicable NAICS Codes:

- 541512 – Computer Systems Design Services
- 541511 – Custom Computer Programming Services
- 541430 – Graphic Design Services

DUNS/Cage:

DUNS - 612373410

Cage Code – 70S55

General Information:

- Growing Business Solutions LLC was originally founded as John Dale's Masters Thesis at The University of Arizona's Entrepreneurship Program.
- For an overview of the firm's flagship Intellectual Property, please visit <https://DB2DOM.COM>
- Original state of organization – AZ
- Present state of operation – SD

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