


The Oracle Database Experts for Public Sector



Agilex for Oracle Grid is a proven set of services and methodologies for realizing mission-critical performance by migrating enterprise systems to the Oracle Grid platform.

While Oracle Grid technology delivers more cost-effective scalability, automated failover and the highest availability, the complexity associated with migrating and upgrading existing implementations to capitalize on these benefits is often daunting. Fortunately, Agilex was founded by senior Oracle Public Sector executives with a specific focus on leveraging Oracle technology more effectively. We offer an integrated set of services and methodologies for architecting and implementing new databases using Oracle Grid technology, migrating existing data and applications to these new instances, and establishing internal competency centers for maintaining each implementation. Our extensive, vendor-level experience with the technology in critical environments allows us to implement Oracle Grid faster, more cost-effectively and with less risk.

Features

Agilex for Oracle Grid is an end-to-end solution addressing each step of the migration and modernization process:

- **Evaluate** – Assess how Oracle Grid can be used to improve availability and scalability while mitigating current operational gaps, such as disaster recovery and COOP.
 - **Architect** – Create the target database architecture in accordance with other enterprise architecture requirements and specifications.
 - **Define** – Design the optimal Oracle Grid configuration for each application.
 - **Implement** – Stand-up the target Grid database architecture with the latest software components and migrate existing applications and data.
 - **Test** – Validate the performance and reliability of the new implementation.
- **Manage** – Establish internal Competency Centers that initiate and maintain best practices and training for the operations and maintenance of the end-to-end system.
We provide added value in a number of critical ways:
 - **Application Optimization** – We create a customized Application Migration process for each engagement, detailing the configuration management and interface design requirements needed to realize optimal application performance on the new Oracle platform.
 - **Integrated Testing** – Using our in-house Technology Innovation Center, we can evaluate proposed architectures prior to implementation to select the preferred design for a specific requirement, for benchmarking, and to deliver maximum quality assurance.
 - **Real-World Data Modeling**—By analyzing current and anticipated requirements, we can develop highly extensible data models that deliver maximum portability, resiliency and insight.
 - **Comprehensive Documentation** – System Design Documents (SDD) are used to capture detailed descriptions, default settings and step-by-step instructions for implementing the database design so that users can more quickly triage and resolve gaps or discrepancies.
 - **Infrastructure Planning** – We provide planning and guidance on consolidating or modernizing datacenter facilities to capitalize on the architecture's enhanced capabilities, such as increasing network capacity to take advantage of improved responsiveness and reduced latency.

Making Mission-Critical Performance Affordable and Achievable

Only Agilex delivers to the public sector:

- **OEM Quality** – Agilex' Database Migration and Modernization team includes Oracle's long-tenured CTO for the Public Sector, a founder of the Oracle System Performance Group and the lead engineer for the federal civilian sector.
- **Mission-Tested** – Agilex has worked with multiple agencies to implement Oracle Grid as a means for improving throughput, fault tolerance and the operational integrity for some of the nation's most important systems.
- **Leader in Mission-Critical Oracle** – Our architects and engineers are experts in problem diagnostics and troubleshooting for the Oracle platform with in-house specialists dedicated to Oracle RAC (Real Application Clusters), ASM (Automatic Storage Management), Active Data Guard and Grid Control.

Benefits

Enhanced System Integrity – Gap analysis, system documentation and performance benchmarking allow enterprises to identify and eliminate system vulnerabilities. Coupled with the technical capabilities offered by Oracle Grid technology, they are also critical to maintaining an effective and credible disaster recovery and business continuity capability.

Operational Cost Savings – By implementing Oracle Grid, enterprises can reduce costs through system consolidation, greater automation and the use of commoditized hardware.

Lower Implementation Costs – Through the use of our set methodologies, defined best practices and integrated testing, systems are implemented faster, require less troubleshooting and utilize less staff.

Datacenter of the Future – Each architecture is designed to help enterprises capitalize on emerging IT strategies, such as Information-as-a-Service (IaaS), service-oriented architecture (SOA), cloud computing and virtualization.

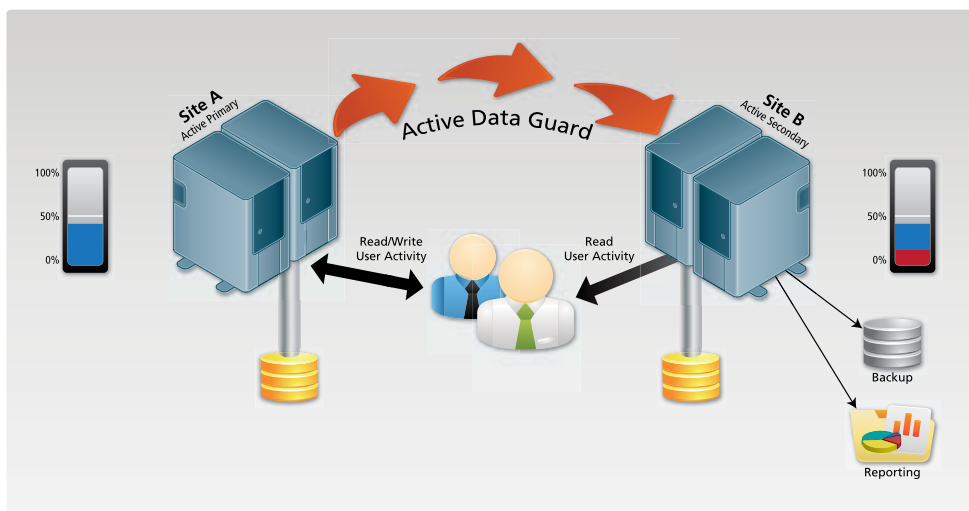
Improved Productivity – We improve the performance, efficiency and reliability of existing operations and maintenance processes through automation, training, documentation and knowledge transfer.

Oracle Grid delivers:

Higher Availability – Oracle Grid is a more fault-tolerant architecture that also eliminates the need to go offline for routine maintenance.

More Cost-Effective Scalability – Instead of replatforming the entire implementation on larger and more expensive hardware – a forklift upgrade – enterprises can increase capacity by simply adding additional low-cost servers.

Automated Failover – Switchover to mirrored databases is enacted seamlessly.



About Agilex

Agilex is an employee-owned enterprise application, solution, and advisory firm. Our noteworthy business and technology professionals offer innovative thinking on leveraging advanced technologies. We make it possible for our clients to optimize systems and exploit data to realize the value of information. Headquartered in Chantilly, Virginia, Agilex has delivered significant results for an impressive list of clients throughout federal, state and local government, and within global 2000 corporations.

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