

Service Literature

Database Services



Information Dynamics
— We manage IT dynamically —

Enterprise Solutions | Technology Services | Outsourcing

www.infodynamic.net

Database Services

Databases are one of the most critical aspects of an IT infrastructure. High availability and watertight security of your databases are imminent to access and safeguard your business information, any time. To provide peak performance, databases need to be designed, monitored, optimised and managed effectively.

Database services are ID's forte since its inception and we have acquired the expertise to handle both Oracle and SQL databases. Our experienced DBAs can effectively manage the lifecycle of your databases to derive maximum performance from them.

Auditing & Consulting Services

Auditing of databases at periodical intervals ensure that the system is safe, maintaining data integrity and operating effectively to achieve the business goals or objectives. Organisations would also have to take help from experts when their database's output is less than desirable, in order to identify the gap and address it effectively.

Only technology companies that have performed the entire gamut of database related services to clients of different sizes and business verticals for many years would possess the knowledgebase that is required to provide effective auditing and consulting services. ID has that distinction and its huge practical experience in many different scenarios makes it a powerhouse in database consulting and related services. ID uses its proprietary, holistic approach to understand your database environment, identify gaps, and make appropriate recommendations to align your database systems to your business needs.

Design, Deployment Services for Database and Middleware

Logical design and optimised architecture form the foundation for superior performance of your databases. It is highly important that the design and architecture are in line with the processes they support. It is also necessary for organisations to constantly reevaluate their design, as the database processes and objects change as your process mature, so that your database performance remains optimal.

While most of the databases are powered by Oracle or MS SQL, no two implementations are the same as needs and business demands vary from client to client. ID understands this distinction and takes a consultative and analytical approach to design and deploy your databases. ID experts take in to account all the important criteria such as capacity planning, normalization to ensure performance and availability of your databases. Further, reduced data redundancy and less storage utilisation are also achieved by strategic segregation and grouping of data. ID typically deploys a prototype with detailed checks, at every step, for security, performance and compliance. This ensures that your databases are thoroughly tested and deployed smoothly in production.

Migration Services

Growing business needs, to improve performance, obsolete technologies rendering no support and the pro active efforts to consolidate the entire IT environment in to one robust mechanism to meet the future challenges are some of the reasons organisations look up to database migration services. Organisations can reap the perceived benefits only if the migration is done effectively analysing all the important elements such as the infrastructure, target environment, the applications, processes the database needs to support, etc. This highly important task of migrating your mission critical databases should be entrusted only with experts.

ID is well versed in migration approaches using Database Upgrade Assistant, Import/Export, and Transportable tablespaces and also has its own customised approach which is arguably more efficient and ensures very minimal downtime. Our rich experience in Database migration services helps us in handling typical migration challenges such as Managing distributed transactions, Heterogenous database integration, Database configuration issues, Schema/Data Reconciliation, Character set issues, effectively. ID also ensures that the new functionalities and features of the new DB are utilised to the maximum extent to benefit the business needs.

Production Support Services

Organisations invest heavily in database systems to meet their business demands and future needs. These investments will be justified only when they satisfy the objectives such as superior performance, high availability, etc. In order to achieve this database systems are required to be monitored, attended to, enhanced, on a day to day basis. Since most of the databases are accessed round the clock, it becomes imperative that they are supported on a 24*7 basis.

ID can take care of your production support 24/7 ensuring excellent availability of your databases often exceeding the performance measures of the SLA. ID gives an all round attention to your databases with pro active initiatives such as frequent health checks and capacity management which helps to identify and avoid critical problems even before they affect the databases. ID manages all facets of your production support that includes strategic backup scheduling, backup monitoring, managing permissions and security, effective incident alerting and monitoring, regular purging and archiving, applying patches with near zero down time, etc.

Business Continuity / Disaster Recovery Solutions & Services

Today's businesses are driven by data and any interruption in providing, accessing information or services could mean huge loses and highly unsatisfied customers. Business could be interrupted by many ways such as acute spikes in demand or physical damage to the database systems. All such scenarios need to be addressed by the organisations to provide seamless services and achieve near zero downtime even during the event of a disaster.

ID provides business continuity and disaster recovery solutions to many organisations across the globe. Our expertise in Real Application Clusters (RAC)- to effectively handle heavy loads, Data Guard- for swift disaster recovery, Streams- to support data distribution, replication and warehousing, Materialised Views- for efficient access and many such concepts, tools, technologies ensures that your organisation and your customers are never out of reach of your data and services.

Performance Analysis & Tuning

Ability of your database to manage higher loads during increased/peak business activities is of great importance to maintain high availability. Performance analysis and tuning your database appropriately helps organisations to achieve this task cost effectively without investing huge sums in extra hardware. Enhancing today's modern and complex database systems is time consuming and requires high levels of expertise.

ID takes a holistic approach to performance analysis and tuning of databases. Our experts not only address your immediate bottlenecks but also the underlying flaws in order to enhance the database's performance for a long time to come. They take in to account all the important factors such as OS, network, network-bandwidth, hardware, etc to ensure optimum outputs. ID associates have very high levels of exposure to tools and concepts such as Oracle Enterprise Manager Database Control, Grid, ADDR diagnostic monitor/Statspack utility, SQL Tuning advisor and TKprof, in order to provide you an effective solution in any kind of scenario

Contact Us

Corporate Headquarters- Dubai, UAE

Information Dynamics LLC
P.O. Box 30448, Dubai, U.A.E.
Tel. +9714 3555513 Fax. +9714 3555117

Global Delivery Centre- Chennai, India

Information Dynamics India Pvt Ltd
Elnet Software City
Module G 2, TS-140
Block 2 & 9, Rajiv Gandhi Salai,
Taramani, Chennai – 600 113, INDIA
Tel. +91 44 42118088

Email

Information: info@infodynamic.net
Business: sales@infodynamic.net
Partnership: partners@infodynamic.net
Careers: careers@infodynamic.net



Information Dynamics was established in 1995 in Dubai, UAE as a software products and services provider. Since then ID has grown from strength to strength in terms of resource pool, expertise in multiple technical and industry domains, delivery capabilities and geographical presence. ID's strong customer focus, qualitative approach and consistent delivery of solutions/services within proposed budgets and time have made it as the preferred technology partner for numerous clients for more than a decade.

Currently ID's 350+ technical members operate from two world class Global Delivery Centers in Dubai, UAE & Chennai, India and from support centers across 9 countries.