ASCENT
TECHNOLOGY

FOR ALL YOUR ENTERPRISE DATA PLATFORM MANAGEMENT NEEDS
contact Ascent Technology.

Ascent Technology offers end-to-end, cost effective, Enterprise Data Platform and Azure, Consulting and Support Services. These services are structured to allow clients the flexibility to choose the engagement model which suits their needs.

We operate across North America, the United Kingdom, Europe, the Middle East and Africa.

CONSULTING SERVICES

Data Platform Modernisation

As legacy systems become costly and inefficient, **Data Platform Modernisation** is key to unlocking performance, scalability, and cost savings. At Ascent Technology, we specialise in transforming outdated infrastructures into modern, cloud-native platforms, ensuring seamless integration, enhanced security, and future-proof architecture.

Facing platform 'end of life' issues together with increasing pressures to digitise processes, increase profitability and innovate on product and service, organisations are finding Data Platform Modernisation projects can deliver significant value by enabling IT cost reductions together with improved service levels and increased agility.

An effective platform modernisation project factors in a combination of architecture refresh, together with software upgrades and targeted application remediation to deliver a platform that offers the optimum combination of TCO, performance and business innovation.

Data Platform Modernisation Services are supplied to carry out:

1. Azure Cloud Migrations

We help businesses transition smoothly from on-premise systems to Azure, ensuring minimal disruption and maximum performance. Our comprehensive migration plan includes infrastructure assessment, a tailored cloud strategy, and secure execution of data replication and testing.

2. Hybrid Azure Solutions

For businesses needing a hybrid approach, we extend on-premise systems into Azure while maintaining control and security. We leverage Azure Arc for hybrid cloud setups and seamless management across environments.

3. Azure Data Lake & Warehouse Modernisation

We modernise data lakes and warehouses using Azure Synapse Analytics and Azure Data Lake, enabling real-time analytics, AI integration, and advanced data governance with Azure Purview.

4. Automating & Optimising Data Processes

By automating data workflows with Azure Data Factory and Azure Databricks, we streamline data ingestion and transformation, boosting efficiency and cutting costs. Continuous monitoring and optimisation are ensured with Azure Monitor and Security Center.

5. Legacy System Integration & Decommissioning

We integrate legacy systems with Azure during the transition and safely decommission outdated platforms, ensuring smooth interoperability and data migration.

6. Future-Proofing with Azure

Our modernised platforms are designed for the future, leveraging Azure's AI, machine learning, and IoT capabilities. We build flexible, scalable architectures to adapt as your business grows.

Database Consulting Services

At Ascent Technology, we provide expert **Database Consulting Services** to help you optimise, manage, and secure your database environments. From performance tuning to cloud migrations, our solutions ensure your databases are running efficiently and supporting your business goals.

We foster a heterogeneous database technology strategy. Our specialised database skills enable us to service and support complex mixed technology environments – including **Microsoft Azure SQL, Microsoft SQL Server, Azure Cosmos DB, Oracle Database, MySQL, MariaDB, MongoDB, PostgreSQL, EnterpriseDB** and **Amazon RDS.**

Our strong pool of highly skilled Database Consultants allows the company to engage in Expert Database Consulting while ensuring that its Co/Outsourcing clients have excellent service.

The company is often brought in under emergency conditions to solve time critical issues or to resolve challenges that have proved beyond a clients' in-house capabilities or resources.

Ascent Technology is able to bring to bear a cross-section of expert skills and experience to ensure a speedy resolution.

Database Consulting Services are supplied to carry out:

1. Database Strategy and Architecture

We assess your current infrastructure and design a scalable database architecture that supports your long-term business goals.

2. Database Performance Optimisation

Our experts fine-tune your databases to improve speed, efficiency, and query performance, ensuring faster access to critical data.

3. Database Migration

We handle seamless migrations to cloud platforms like Azure, AWS, and Google Cloud, ensuring minimal downtime and data integrity.

DB ADMIN
Database Administration and Support Service

4. Database Management, Monitoring and Support

With 24/7 monitoring and support, we proactively manage and resolve issues to ensure maximum uptime and performance.

DB HEALTH
Database System Health Check Service

5. Database Health Check

Our comprehensive health checks identify bottlenecks, security risks, and performance issues, helping you maintain a healthy database environment.

DB SHIELD
Database Security and Compliance Service

6. Database Security and Compliance

We help secure your databases with best practices for data encryption, access control, and compliance with industry regulations.

7. Database Backup and Recovery Solutions

Implement robust backup and disaster recovery plans to safeguard your data and minimize downtime in the event of an outage or failure.

Request a
QUOTE

We encourage you to contact us, and we will assist you on your journey to permanently remove your Database Management, Maintenance and Support challenges.

2003 - 2025
Celebrating **22** years of Absolute Data Excellence

ISO/IEC27001:2022
MANAGEMENT SYSTEM
MSECB CERTIFIED

Ascent Technology is
ISO 27001 CERTIFIED

Business Intelligence Consulting Services

At Ascent Technology, we transform your data into actionable insights through our **Business Intelligence (BI)** solutions. Our services empower your business with advanced analytics, reporting, and data visualisation, driving better decision-making and efficiency.

Our strong pool of highly skilled BI Consultants allows the company to engage in Expert BI Consulting while ensuring that its Co/Outsourcing clients have excellent service.

BI Consulting Services are supplied to carry out:

1. **BI Strategy and Roadmap**
   We assess your current data environment and create a tailored BI roadmap to align with your business goals.

2. **Data Integration and ETL**
   We Connect multiple data sources and ensure clean, structured data with automated ETL pipelines for real-time insights.

3. **Data Warehousing**
   Design and implement scalable data warehouses for fast, reliable access to large data sets, whether on-premise or in the cloud.

4. **Reporting and Dashboards**
   We create custom dashboards and automated reports that provide real-time metrics and KPIs tailored to your needs.

5. **Data Visualisation**
   Transform complex data into clear, actionable visuals with engaging, interactive charts and graphs.

6. **Advanced Analytics**
   Leverage predictive analytics and machine learning models to forecast trends and automate decision-making.

7. **Self-Service BI**
   Empower teams with easy-to-use, self-service BI tools that allow non-technical users to generate reports and dashboards independently.

Azure Consulting Services

At Ascent Technology, our **Azure Consulting Services** help you leverage the full power of Microsoft Azure's Data Platform. Whether you're migrating to the cloud, optimising performance, or building data-driven applications, we provide tailored solutions to ensure your Azure environment supports your business goals.

Our strong pool of highly skilled Azure Consultants allows the company to engage in Expert Azure Consulting while ensuring that its Co/Outsourcing clients have excellent service.

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Ascent Technology is able to bring to bear a cross-section of expert skills and experience to ensure a speedy resolution.

How do I engage with Ascent?

Ascent Technology operates across North America, the United Kingdom, Europe, the Middle East and Africa, with its Head Office based in Johannesburg.

First steps to connect with us:

- Call our head office **+27 11 745 1340**
- Email us at **info@ascent.tech**
- Fill in the contact form on our website at **www.ascent.tech**

DATABASE MANAGEMENT SYSTEMS

Microsoft SQL Azure | Microsoft SQL Server | ORACLE DATABASE | MySQL | MariaDB

mongoDB | Azure Cosmos DB | PostgreSQL | EDB | amazon RDS

CLOUD PLATFORMS

Microsoft Azure | aws