

Data & Analytics

Unlock the potential of data and take your business to the next level

Today, more so than ever, data is powering all aspects of our digital economy. The current Data Explosion — high-volume, high velocity and high variety, structured and unstructured data — provides businesses with an opportunity for disruptive change and growth.

At JOS, we believe that organisations which are able to effectively leverage Data and Analytics in their business and operations will possess a significant competitive advantage. That's why our goal is to help you fully unlock the potential of data and analytics regardless of your company size.

Our in-house experts are here to help and guide you in implementing customised solutions in Data Infrastructure, Data Visualisation and Data Management. All of this is underscored by our bottoms-up and agile approach that saves you from hiring additional resources.

Business Challenges



Inability to evaluate business performance due to multiple disparate data sources



Limited business insights gained from analysing data with basic techniques



Difficulty in scaling infrastructure to meet rising data volume for analysis



6 Reasons Why You Need Data & Analytics

- 1 Derive key insights and identify business opportunities
- 2 Understand customers' needs to improve satisfaction and retention levels
- 3 Boost productivity and increase efficiency in business operations
- 4 Predict events and outcomes for countermeasures and contingencies
- 5 Clear data management and governance processes in place
- 6 Act immediately against anomalous and suspicious data detected



Managing Data Sources

Uncover opportunities when you turn vast amounts of structured and unstructured data into meaningful information. Our experts can help you identify if your internal and external data sources are accurate, useful or sufficient for your objectives. We will work with your internal teams to ensure existing data can be enriched while newly acquired data can be managed efficiently.

- Data acquisition and enrichment



Creating Data Visualisation

Present data analysis in simpler visual formats to help stakeholders better understand complex information, creating consensus faster. Simplify data analysis by revealing patterns and trends from personalized creation of reports and dashboards using connected data sources to deliver insights for your business.

- Dashboards
- Customised Reports



Implementing Data Ingestion and Preparation

Take advantage of advanced data preparation and processing systems to understand complex business data that you can use to grow your business.

- Installation and configurations
- Implementation of best-of-breed data ingestion and preparation tools
- Development of data ingestions programs, scripts or workflows
- Implementation of data flows either through ETL (Extract-Transform-Load) or ELT (Extract-Load-Transform) methodologies
- Data management and governance best practices consultancy and implementation



Handling Data Analytics

Leverage powerful analysis of structured and unstructured data to gain critical information and insights that help in decision making, operational efficiency, and customer experience and customer satisfaction. This information can also help organisations preempt problems and issues in many aspects of their business operations.

- Statistical analysis and modelling
- Sentiment analysis and natural language processing
- Video/Image analysis and facial recognition
- Chatbots



Data Storage Management

Perform effective analytics through a trusted platform that is powered by fast, easy and secure technology with support of multiple frameworks and data types to store and use their data.

- Data warehousing architecting and development
- Data lake architecting and development
- Data Virtualisation
- On-cloud or on-premise technology and hardware stack
- SQL Server administration services



Setting up Computational Infrastructure

Build scalable infrastructure for your data and analytics systems to support the ever growing data needs of tomorrow.

- Standard servers (on premise)
- Virtual machines (on premise / cloud)
- High Performance Computing (HPC)
- GPU and Accelerators

Why JOS



Data Enabled Solutions

JOS offers comprehensive data analytics capabilities and solutions that integrate structured and unstructured data, and pre-packaged business solutions.



Domain Experience and Expertise

JOS has implemented large-scale, mission-critical, and multi-platform projects successfully. We carefully design solutions from a selection of emerging and established technologies to bring the best to your organisation.



One-stop Shop

JOS provides a single point of contact for all your technology needs. We can design and build scalable IT infrastructure, and implement data and analytics for your organisation.



Flexible Architecture Approach

Our experts are able to design and implement IT infrastructures based on your business and technical requirements. We have deployed models including on-premises, cloud-hosted, and hybrid options. This flexibility is important in many Big Data scenarios, which often required a blended approach.

About JOS

With over 60 years' experience in Asia, JOS is a systems integrator, solutions provider and technology consultancy with deep local and industry knowledge and an exceptional ability to execute.

With 2,000+ IT professionals working from nine offices across Asia's major business hubs in China, Hong Kong, Macau, Malaysia and Singapore, JOS aims to improve the performance of business and governments across the region by applying the best technology to address their challenges.

JOS has extensive experience across a range of industries, more than 10,000 private and public sector customers in Asia, and core capabilities in artificial intelligence, big data, cloud computing, enterprise applications, enterprise security, internet of things (IoT), mobility and next generation infrastructure.

JOS is a division of JTH Group, a member of the Fortune Global 500-listed Jardine Matheson Group.

Contact us

SINGAPORE



+65 6551 9611



sg-enquiry@jos.com



67 Ubi Avenue 1 #02-01,
North Wing StarHub Green,
Singapore 408942

Follow us:  JOS it solutions  JOS  JOS.com