

NCS + Tableau

Unlocking value from your data assets through a successful data and analytics bulk tender partnership IDA(T)-1373

NCS has a focus in Public Sector unlike any other service provider, with over 20+ success stories with Tableau in 2018. Our key differentiators are as follow:



Deep understanding of Public Sector

NCS and Tableau collaborate closely through Data & Analytics bulk tender to advance analytics initiatives within the public sector



Enabling Digital Transformation

With growing need for Big Data and Analytics capabilities in organisations, we have the Data Engineering and Advanced Analytics expertise to enable our client's end-to-end transformation journey



Bespoke Platform Implementation

We understand IM8 platform implementation requirements for the public sector. We have designed and implemented Tableau platforms with 3-tier architecture successfully for our public sector clients

Success Stories

Key Highlights from our partnership with Tableau



Statutory board of the Government of Singapore focused on Learning

Challenge:

Disparate data sources and lack of enterprise wide visualisation platform to increase visibility of KPIS and drive analytics initiatives.

Our Solution:

Enabling data harmonisation across the systems in the organisation with a Data Warehouse as the single source of truth.

Tableau dashboards were designed, deployed and adopted across the enterprise.



Statutory board of the Government of Singapore focused on transportation

Challenge:

With a new nation-wide operation critical system implementation, the client wanted a business intelligence tool to drive decision making and a user-friendly means of correlating useful trends and information to enable integrated analysis.

Our Solution:

We designed and implemented near real time dashboards that allow users to assess the performance of the critical system as well as the effectiveness and efficiency of the various mechanisms in the system.

From the Tableau Web Portal, user can view dashboards on-demand and export the dashboards.



A ministry of the Government of Singapore focused on Societal well-being

Challenge:

The client had the need to perform periodic strategic analysis based on geospatial, demographic and big data sources and required an end-to-end solution to enable data management as well as providing a self service analysis platform for its employees.

Our Solution:

In order to provide an integrated system with automated data loading and an intuitive presentation layer of Tableau Dashboard, NCS designed, developed and implemented a system to enable data files to be loaded to a data warehouse via Informatica's ETL tool and using Tableau to create Dashboards reading data from the data warehouse.

The system also enables power users to create their own Dashboard using Tableau.

NCS has a customer-centric approach that allows us to meet the end-to-end Data & Analytics needs of our clients



Data Engineering Services

Data Science & Analytics Services

Data Strategy, Management & Governance	Data Infrastructure & Architecture	Algorithm design & Data visualisation	Operationalise & Adoption
<ul style="list-style-type: none"> Data strategy Data sharing policy and process formulation Data privacy and security Data governance framework Master data management Data quality framework Data cleansing and transformation Data migration 	<ul style="list-style-type: none"> Data architecture design Data warehouse and Business Intelligence platform implementation Data storage technologies Big Data ecosystems (Hadoop, Distributed Computing, NoSQL, etc.) Data Lake implementation 	<ul style="list-style-type: none"> Predictive analytics & forecasting Cost and performance optimisation Complex Event Processing Natural language processing (incl. text analytics) IoT Analytics Pattern discovery Data visualisation KPI/ Dashboard development 	<ul style="list-style-type: none"> POC-to-production rollout Go-Live readiness assessment Change management Data Analytics Organisation design Data Analytics training and workshops



> 90 Data Scientists, Analysts and Engineers
Ph.D., Masters, Bachelors



Data Skills
IT, Big Data Management, Security, Governance, Data visualisation, machine learning



Cross-Disciplinary Team
Statistics, Machine Learning, Computer Science, Engineering, Business, Psychology



Software Competencies
R, Python, Spark, SAS, SPSS, Tableau, Qlik, Spotfire, Cloudera, Informatica, Microsoft



Cross-Industry Projects
Transport, Public Safety, Education, Healthcare, FSI, Commercial etc.



> 150 Projects Implemented
Since January 2015