

# Business Intelligence, Analytics and Big Data

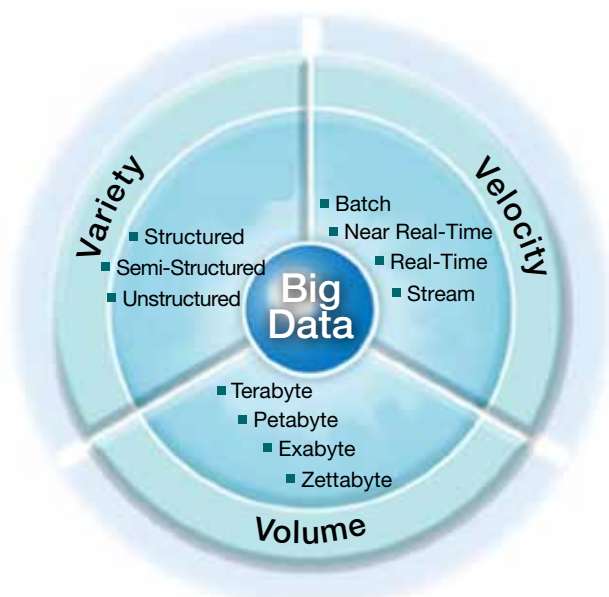
Harvesting and Harnessing the Business Value of Your Data



## OPPORTUNITIES IN BIG DATA

Big Data – In this day and age of the “data explosion” phenomenon, where organisations are swamped by increasingly unmanageable amounts of data coming in from multiple sources such as enterprise IT systems, machine sensors and social media, will organisations equip themselves to surf on the data wave, or will they drown in the data deluge? Organisations that can effectively tame the volume, variety and velocity aspects of Big Data will be in good stead to stay ahead of the pack in the ever-competitive landscape.

The key objective of Big Data Analytics is to extract invaluable insights from data – treasure troves waiting to be unlocked. To achieve enterprise-wide visibility of your organisation, data from various sources are usually integrated into a central repository for comprehensive analysis.



## CHALLENGES

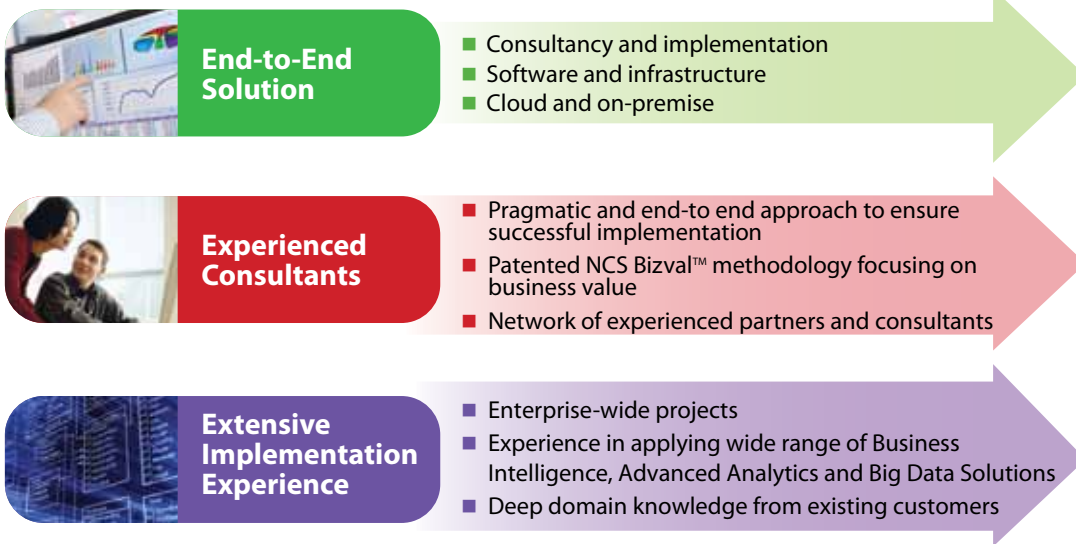
- Inability to perform comprehensive evaluations of enterprise-wide business performance using multiple disparate data sources
- Limited insights gained from analysing data using basic techniques
- Difficulty in scaling up infrastructure to accommodate the ever-growing data volume for analysis

## SOLUTION

- Empower your organisation to harvest and harness the business value of your data with NCS Big Data Analytics solutions

## BENEFITS

- Business Intelligence: Achieve enterprise-wide visibility of your business performance
- Advanced Analytics: Gain foresight into the future
- Big Data: Tackle data volume, velocity and variety challenges cost-effectively



## TAPPING ON BIG DATA

### Business Intelligence (BI)

By applying BI solutions on consolidated data, organisations are able to investigate past business performance. Business metrics such as sales revenue can be sliced-and-diced by product type, months and geographic area to help management assess business performance and locate bottlenecks. Insights can be presented in static printable reports or interactive dashboards for ad-hoc analysis by any business user.

### Advanced Analytics (AA)

AA solutions allow organisations to harvest even more value from data. Special computer algorithms are applied to the data to discover hidden patterns and predict future events. AA enables organisations to go beyond simply analysing past performance. Decision-makers can gain foresight into the future to better optimise their organisation's operations.

### Big Data Platform

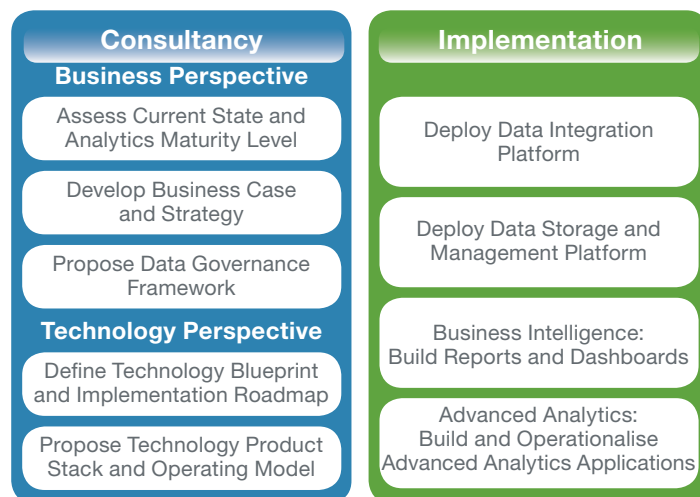
Organisations will face scalability challenges if they decide to tackle Big Data, the ever-growing transactional data and massive machine sensor data, with traditional database technologies. Depending on each organisation's data needs, the cost-effective Hadoop technology can be used to scale up the repository to handle petabytes of data reliably without discarding useful old data.

## NCS BIG DATA ANALYTICS SOLUTIONS

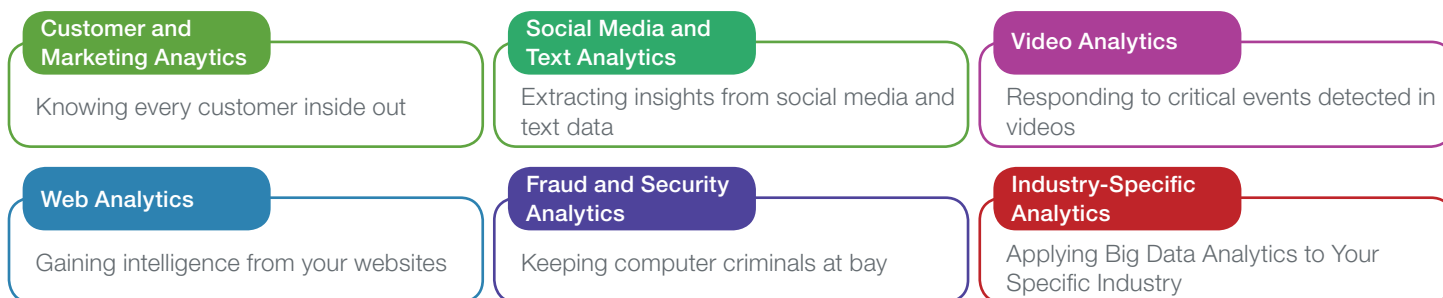
NCS can help you with your Big Data Analytics strategy with our end-to-end solutions from consultancy to implementation services. NCS works with market-leading partners to deliver our solutions.

With our patented Bizval™ consultancy methodology focusing on business value and extensive implementation experience of numerous enterprise-wide projects, NCS is committed to ensuring customer success in unlocking the potential of Big Data.

### Empower your business with NCS Big Data Analytics Solutions



## Uses of Business Intelligence, Advanced Analytics & Big Data



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