Booker Harris ™

Insights

Integrated System Solutions
Rapidly Deployed Data

What is a Rapidly Deployed Data (RDD)?

RDD is a situational awareness analytical capability that collects, analyses and disseminates data for collaborative operational purposes. For example, a photograph is a piece of information – the value of that imagery is derived from how quickly that image can be acted upon in any given scenario, as in displayed on a dashboard for a decision by executive staff.

Bearing in mind that one image is negligible for making complex decisions in response to quickly changing events, however hundreds of images and other data rapidly deployed to a decision making interface – is huge for making timely and accurate decisions.

Projecting capability

Cutting through complexity

RDD enables enhanced visibility of the enterprise by collaboratively involving policy, strategy, operations and teams to allow critical decisions to be made based on broad information with depth in-real time.

Facilitating an effective RDD

The Partner Enterprise Environment (PRE) that forms the foundation for the RDD often consists of the following:
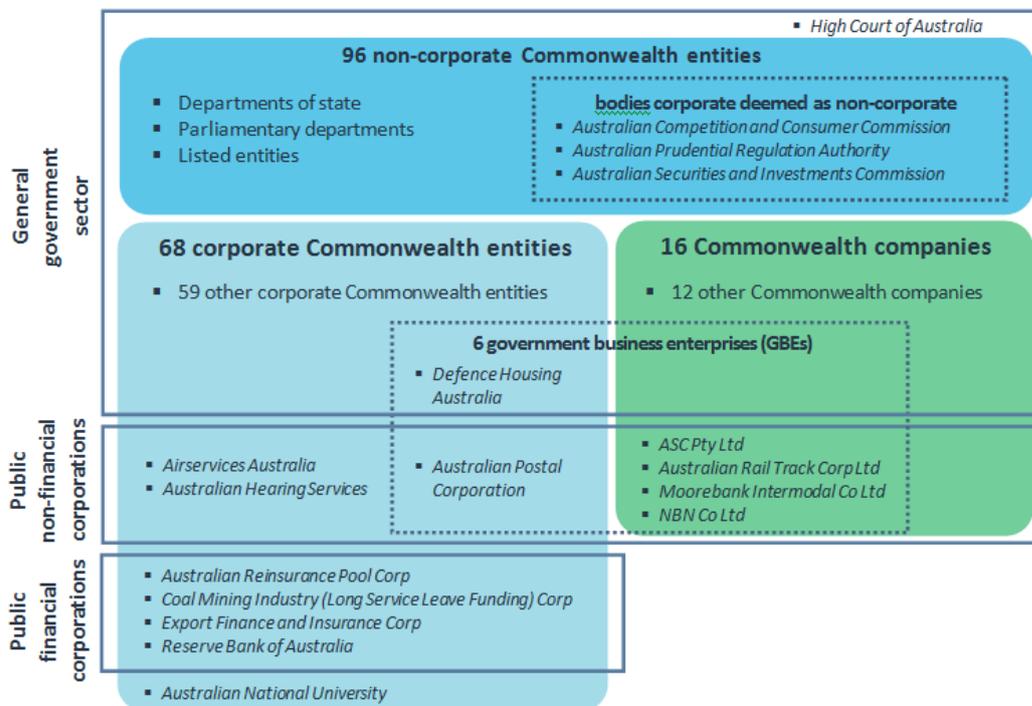
Disclaimer: the count of entities shown in the figure is indicative. Please see finance.gov.au/flipchart for the latest listing of Commonwealth entities and companies.

Source: (18 May 2017), https://www.finance.gov.au/resource-management/governance/overview/#sectors.

The PRE feeds into the Data sources that are ingested by other core data sets. Such Data sources often consist of the commercial cloud, gateways and end-points. The data analytic platform turns this information into useable data at the presentation level such as with planning, continuous risk, network enterprise service management, including information sharing, near-real and real-time.

The future integration of an RDD is becoming increasingly more necessary, because it is important to remember that one person's input is another person's output. In this way the projection of capability is no longer transactional, but transformational. Information can be derived from many sources and given to enterprise service users, domain operators and commonwealth partners but to name a few.

Multiple decision sets enhance decision support

Audit management, continuous monitoring, plan mapping, situational awareness and operational readiness form a solid base for the RDD. The RDD in turn provides the means to consolidate the overall capabilities of an organisation and project these to great effect.

For example, if we consider developing a unified architectural solution with common Application Programming Interfaces (APIs), data schemas and standards, than we are better positioned to integrate High Performance Data (HPD) and High Performance Computing (HPC) within an organisations strategic intention to enhance existing capability – a good example is the cloud.

An important consideration of which, is when ownership is transferred from one Managed Service Provider (MSP) to another. Cross domain capabilities in terms of scientific data and computing, are vital to creating lasting value.

Integrating RDD into your organisation?

Technologists specialise in the integration of whole of organisation solutions, constantly bearing in mind that one solution can have many advantages. The top ten advantages of an integrated system solutions approach are:

1. Uniform data pools,
2. Centralised data storage,
3. Real-time data,
4. Integrated view to the entire process,
5. Ease of analysis,
6. Speed to professional mastery,
7. Efficient ongoing-services,
8. Interoperability
9. Centralised support, and
10. Cost savings.

Saving costs with integrated advantages

Booker Harris is pragmatic and experienced – we have a number of experienced and accredited technologists. Please contact us should you require further assistance or information.

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