



## Case Study – SA Water (DBYD South Australia Member)

An opportunity was recognised during 2015 to utilise and develop the IDRS for SA Water. The aim was to enable local data management and reporting, as well as national reporting with a focus on damages caused by SA Water construction and operational activities.

In this case, the member was focussed on the damages caused by their own internal and external workforces on both their own and other members assets during their Capital Delivery construction program across the state. Key attributes include:

- Consistency of data capture based around common occurrence, cause and consequence prompts.
- Data management is extended through supply chain:
  - site based reporting, (via mobile application);
  - office-based reporting or validation via web browser interface;
  - data verification with security levels for users.
- Data management allows for the front-end user (initiating constructor) to manage their own data sets and have automated (self-) managed reporting.
- Verification and consistent reporting (from common data sets) can extend through SA Water Corporation to National DBYD level within the same system.

The IDRS was rolled out to SA Water’s primary infrastructure delivery partners and internal workforce. Data input and management can be used from a web based office environment or via a browser connection to the IDRS and for field use in real time using mobile devices. Customised data fields were created in the IDRS for SA Water’s reporting requirements and once enough data was captured, self-generating statistical and spatial report charts were able to be produced.

SA Water produces a regular “Essential Services & Excavation Report” which is distributed to their management teams. Delivery partners are also able to self-generate individual reports for their management teams, all from the same data sets.

The data and information generated is providing additional intelligence by quantification of the risks and opportunities for, and to, SA Water corporate, delivery partners, supply chain, fellow service providers and our collective State customers.

