

Case Study

AusNet Services

RXP provided AusNet Services with an enterprise scale integration solution, which supports the transformation and sharing of information between a broad range of systems.



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time and on-budget - Using RXP Lean Agile, the team was able to overcome key project challenges to complete a detailed design, build and unit testing in parallel, including incorporating continuous design change requests from source and target application leads.

Client

AusNet Services, Melbourne

Challenge

As of early 2014, only 390 thousand of 850 thousand meters had been converted, and constant production operation issues resulted in the client being issued with a Regulatory Breach Notice from the Australian Energy Market Operator (AEMO). As a result AusNet were receiving negative publicity, and were required to address significant business operational issues responsible for the delays to the smart meter roll-out program.

We needed to address and overcome the following challenges:

- Failure of previous vendors ability to effectively assess, document and architect a plan perform various metering functions
- Working with multiple internal and external stakeholders
- Difficulty managing integrations where multiple applications were being worked on at the same time (both upstream and downstream) and where end points were not fixed
- Limited internal knowledge and documentation of current production systems in a highly complex IT environment

after completion.

AusNet can now synchronize smart meter data across applications, provide meter data to internal systems and the National Electricity Market in a timely manner, and provide large amounts of real-time meter information that drive business processes.

The solution used existing frameworks in EAI and introduced the design and implementation of 15 integrations, 80 interfaces and 7 BPM. Virtualised testing of integrations was used to ensure the unit and regression testing minimised the impact of not having connected key systems in development and system test environments.

Integration was critical for the success of the program. Major systems successfully integrated by our team, which used various connection protocols on the Software AG webMethods 8.2. platform, including:

- SAP, Smart meter management systems
- Smart meter data management systems
- Power management systems
- Geospatial information system
- Data Warehouse

Outcome

Business wide improvements and compliance - The solution has helped AusNet to run its smart meter operation more effectively and more reliably than the past 9 years, it has also allowed them to more reliably and regularly meet AEMO regulatory obligations, including sending data to the market on-time.

End-to-end business processes bring AusNet back on track – AusNet was in a position to finally complete the technical conversion of 400,000 already deployed (but unreliable) smart meters, followed by the roll-out of another 450,000 smart meters to remaining customers. This is work that should have been completed in 2013.

RXP Agile Project Management leads delivers project on-

Our Work

We provided AusNet with an enterprise scale integration solution, which supported the transformation and sharing of information between their broad range of systems. This made the processes work across the business as a whole, limiting critical faults and ensuring all stakeholders were across the scope of the project during construction and

Contact

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