



innovation through understanding

Summary

Needs

Automation and streamlining of a cumbersome manual collation process along with the handling of data collected from over 200 general insurers.

Solution

The ARPC Online Risk Aggregator System (ARAS) - an internet-based system that efficiently and effectively streamlines ARPC's data collection and gives this government agency much greater flexibility in analysing and using the data it collects.

Achievements

- Faster validation of ARPC's client data
- Faster aggregation of ARPC's exposures
- Industry "best practice" client interface process
- Better security
- Lower costs

Technology

- Microsoft .NET technologies
- Web-form username and password security coupled with SSL for secure connections
- Housing of the ARPC clients' data, thus creating a history for ARPC for what was lodged and modified by clients
- A central database that ARPC's actuaries and management can use to extract information
- Two levels of access: ARPC access, and ARPC client access privileges

# ARPC Case Study

(Australian Reinsurance Pool Corporation)

## Collecting market-sensitive data from over 200 property insurers

Background

ARPC is a statutory authority established under the Terrorism Insurance Act 2003 to provide reinsurance cover for terrorism losses. ARPC ensures that terrorism reinsurance is available to all insurers who write insurance contracts over eligible property in Australia.

ARPC is well known in the national and international marketplace. As at 30 June 2006 it had received premiums from over 220 general insurers and in the 2005-06 financial year recorded over \$103 million in gross written premium.

Business needs

ARPC clients base includes 219 active clients from 26 countries. There was potential for numerous versions of aggregated reports which would need to be standardised.

ARPC clients' data is extremely market sensitive, and security measures had to be set in place to protect it. Because reporting to ARPC was manual in the first phase of the project, it was cumbersome to update the register of what had, and what had not, been lodged successfully.

Manual data processes create the risk of mis-interpretation or mishandling of data. The ARPC process had to be automated to make it faster, simpler and less prone to allowing errors to slip through. The new system also gave ARPC the flexibility to "slice and dice" the data, so detailed analysis of property exposures could be determined and the agency could keep close track of its potential exposures and liabilities.

Axe Group solution

The ARPC Online Risk Aggregator System (ARAS) - an internet-based system that efficiently and effectively streamlines ARPC's data collection - gives this government agency much greater flexibility in analysing and using the data it collects. The implementation of this tool for complex data gathering has cut processing time down from several weeks to virtually nil. It has enabled over 200 insurance companies to deal with ARPC easily, and created a faster, more secure and auditable process.

An internet-based system consisting of two parts, one for use by ARPC clients on the internet, and one for use by ARPC staff on their intranet. Both sites are branded in accordance with required standards applicable in each situation. The internet and intranet have security authentication, including username and password logins.

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"We are pleased at how Axe Group delivered on-time and on-budget. The system is unique, used by general insurers, and saves us considerable time with complex data-gathering"  
- Neil Weeks, Chief Executive Officer, ARPC.

'Innovation through understanding is not just how we work.  
It's what we stand for.'

#### About Axe Group

Axe Group is an Australian-owned company that helps your business achieve a competitive edge. We design and implement innovative technology solutions that help your business boost efficiency and productivity.

We specialise in intelligent straight-through processing to improve the collection, analysis and retrieval of critical information, and to streamline business processes.

Axe Group has developed solutions for insurance, finance and government enterprises, where access to accurate and reliable information is vital.

Our consultants have a thorough knowledge of technology and its applications. We focus on the quick and successful completion of your project, because our success depends on your success.

#### Recognition

Axe Group's innovative technology solutions have won a range of awards and gained us recognition from business, industry bodies and government.

Solution Winner, MIS Innovation Awards, recognising excellence in the use of technology for the Insurance Council of Australia

Winner, AIIA "iAward", recognising innovative solutions

Winner, IBM International Beacon Award for an insurance industry solution by local implementor

Finalist, Australia and New Zealand Insurance Industry Award for Technological Innovation

#### Axe Group solution cont.

ARAS allows ARPC's clients to:

- Upload their spreadsheets to ARAS over the internet. The spreadsheets are validated in real-time
- Add or modify their risk data interactively via web forms
- Choose to upload a spreadsheet or interactively enter values
- Have exceptions logged for review by ARPC.

ARAS also allows ARPC to produce up-to-date reports on:

- Which clients have successfully added data (and those who have not)
- Exposures and exposure summaries
- View the client exception log
- Manage email notifications to all ARPC clients who have not submitted data
- Manage the ability for clients to submit new data and to manage the year that clients are submitting for
- Manage client users and details.

ARAS is hosted at Treasury's IT hosting centre at Canberra.

#### Achievements

Neil Weeks, Chief Executive Officer for ARPC, says the implementation of ARAS has slashed the time it takes ARPC to collate and analyse the data it receives from insurers.

The implementations and development of ARAS by Axe Group has been an effective solution to the problem faced by the ARPC.

The benefits of ARAS include:

- Faster validation of ARPC's client data
- Faster aggregation of ARPC's exposures
- Provide an industry "best practice" process for ARPC to interface with clients
- Up-to-date ARPC management reporting of:
  - Exposures
  - Status of lodgement by clients to ARPC
- Better security for handling sensitive market data
- Lower costs in the medium term.



For further information on how your business can benefit from intelligent, tailored technology solutions, or to arrange a visit by one of our representatives, please contact:

#### Axe Group

51a Hume Street Crows Nest NSW 2065

T + 61 2 9966 9336

F + 61 2 9966 9337

E [innovation@axegroup.com.au](mailto:innovation@axegroup.com.au)

W [www.axegroup.com.au](http://www.axegroup.com.au)