



Client

The Department of Premier and Cabinet is made up of the Premier of Western Australia and the Cabinet Ministers who provide services and support for the Premier to manage the affairs of Western Australia.

Project	Assessed Risk and Information Assurance (ARIA) System
Project Duration	August 2003 to March 2004
Outcome	The system successfully developed
Key Points	<ul style="list-style-type: none"> - Extensive system design documentation - Rapid implementation - Project planning.

The Need

Many government agencies create, hold and transmit sensitive or confidential records and data. It is essential that these records be protected against the threat of unauthorised access including "hacking", computer crime and "cyber-terrorism".

The Office of e-Government has developed an Information Security Management System (ISMS) implementation methodology to help Agency managers implement "best practice" risk management and information security management based on Australian and international standards. An application was required to automate this methodology and the related business processes. This was termed the Assessed Risk and Information Assurance (ARIA) system.

The screenshot shows the GovSecure system interface. At the top, there is a navigation menu with links for Organisation, Business Services, Assets, Threats, Risk Management, Security Treatments, Manage Risk Evaluation, and Administration. Below the menu, the page title is 'Asset Maintenance'. There are several tabs for navigation: Asset Dependencies, Owner Delegates, Asset Physical Access, Asset Details, Business Processes, Valuations, Vulnerabilities, Risks/Threats, and Security Treatment. The main content area features a table with the following columns: Risk Name / Threat, Part Of Threat Assessment, Current Risk Value, and Proposed Residual / Residual Risk Value. The table contains two rows of data: 'Damage' and 'Unauthorised Access'. Below the table, there are buttons for 'Add Risk', 'Add Threat', 'Modify', 'Delete', and a 'Go' button. At the bottom of the page, there is a footer with the text '2003 Government of Western Australia - Disclaimer | Privacy | Copyright'.

The Solution

Ross Logic completed an extensive design document of the ARIA system to provide the technical definition of system functions and data structures to create and implement the system. Development was based on using Microsoft.Net to deliver a web-based application using ASP.Net and VB.Net.

The major activities undertaken during the project included:

- A detailed design specification was developed based on the functional requirements specified by Premier and Cabinet
- Development of the ARIA software package as per the design specifications
- Provision of an Online Help framework, detailed User Guide and Installation Manual.
- Training to key user representatives.

[Main](#)/List Organisation Units

List Organisation Units

	Organisation Unit Name	Organisation Group Name
<input type="radio"/>	Customer Service	Finance
<input type="radio"/>	Education	Test Organisation Group
<input type="radio"/>	Recruitment Solutions	Spherion Group
<input type="radio"/>	Retail	World Ltd
<input type="radio"/>	Technology Solutions	Spherion Group

GovSecure ARIA System

The Result

The software was rapidly designed and implemented. The project was completed successfully and under budget. The Dept was very impressed with the ability of Ross Logic to manage the project and the quality of the system that was produced.