ICT Project Nomination Form 2011

Project Title: AirDesk – Tasmania Fire Service Air Resource Tracking

Client retains Intellectual Property: Yes
Confidentiality Agreement required: No

Project Description:
The Tasmania Fire Service (TFS), the operational arm of the State Fire Commission, was created in 1979 through the amalgamation of the State Fire Authority, the Rural Fires Board and 22 urban fire brigade boards.

The TFS includes over 230 fire brigades across Tasmania and its islands. These fire brigades are comprised of around 250 career firefighters and approximately 4800 volunteer firefighters.

The TFS today is a dynamic and diverse organisation undertaking:

- Emergency response
- Emergency call handling and dispatch
- Fire investigation
- Training
- Community fire education
- Building safety
- Fire equipment sales and service
- Building and maintaining TFS vehicles
- Maintaining a State-wide communications network
- Fire alarm monitoring.

Emergency capabilities include the capability to respond to structural fires and bushfires, as well as:

- HAZardous MATerial incidents (HAZMAT)
- Chemical, Biological and Radiological incidents (CBR)
- Urban Search And Rescue (USAR)
- High Angle Rescue Teams (HART)

Information Systems Branch (ISB) - provides the technical support and the infrastructure for the TFS' computer systems. The three major computer systems supported by ISB are the operational system, the payroll and personnel system and the finance system.

Andrew Orange - Manager Infrastructure – Development
Provide specialist technical development and support for corporate applications. Initiate, develop and implement Information Technology (IT) strategies to achieve Tasmania Fire Service (TFS) corporate goals and strategies.

AirDesk – A web based booking/resource system for air resources (helicopters). Allowing external companies to login and set resource availability and providing TFS State Operations with an overview and multiple reports.

- All history securely recorded for auditing purposes
- Secure interface for external companies to
  - Login
  - Create resource profiles
  - Assign resource availability and location
- Secure interface for internal use
  - Search and display available resources
  - Report on an individual resource or companies over date ranges
  - Account management.
- Record details on individual resources (specs and location) and companies
- Potential for mobile app/mobile site if main project completed and time allows
Project Technical Information:
Prefer –

- CentOS/Solaris
- PHP or JAVA EE
  - PHP - Application Development Framework
    - CodeIgniter
    - Yii
  - PHP - Content Management System
    - Drupal
- MS SQL

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