

Philip Corrick

Contact

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Profile

I am an engineering and project management professional with extensive experience in the delivery of telecommunications, software and electronic security systems projects.

I have experience successfully delivering complex projects, controlling scope/schedule/risk, and coordinating with teams of technical and non-technical people across various time zones.

Particular areas of expertise include:

- Project management of the delivery of integrated solutions, combining technology from multiple vendors and manufacturers, into a coherent solution.
- Delivery of complex electronic security and safety systems, including physical security information management systems (PSIM), access control systems and industrial CCTV systems.
- Coordinating stakeholders in the corporate and operational domains to deliver solutions with benefits to all stakeholders.
- Conducting factory acceptance testing and system integration testing. Working with software developers and hardware manufacturers to deliver solutions that meet customer requirements.
- Communication of technical information with clients and project stakeholders, and writing technical engineering design deliverables, test plans and reports.
- Management of projects implementing Prince2 methodology.

Professional History

Western Advance

Nov 2013 – Current

Project Manager & Systems Engineer

- Project management of electronic security and safety solutions for critical infrastructure sites and the oil & gas industry.
- Design, testing and commissioning of electronic security systems.
- Development and documentation of test procedures and conducting factory acceptance and system integration testing.
- Specification, testing and management of the custom software solutions for integration between disparate systems.
- Major projects with clients including INPEX, Shell, Woodside, ConocoPhillips, BHP, Chevron, Perth Airport, WA Police, WA Department of Justice

UXC Connect

Sep 2010 – Nov 2013

Project Manager

- Project management of integrated IT/telecommunications infrastructure solutions, primarily for the mining industry in Western Australia. Also involved in the pre-sales design, successful tender response and contract negotiation stages.
- Responsible for the successful delivery of all aspects of a project in conjunction with the technical delivery team. Typically managing 3 - 5 projects concurrently, each ranging from \$200k to over \$5m.
- Major projects with clients including Chevron (Gorgon), Rio Tinto, FMG.

Analysys Mason Ltd (Manchester, UK)

Jan 2009 – July 2009

Communications Consultant

Department of Health Ambulance Radio Project

Integration test witness for the Airwave emergency services TETRA radio network in the UK.

Irish National Broadband Scheme

Process development, contract management assistance and monitoring for the Irish NBS. The Irish NBS is a EUR220 million programme to deliver high speed Internet to the 10% of the population who live in commercially non-viable areas of the Republic of Ireland.

Gibson Quai – AAS Pty Ltd

Dec 2004 – Sep 2010

Communications Consultant

- Experience in a diverse range of telecommunications consulting projects.
- Project Management of the delivery of consulting projects involving teams of engineering and related resources.
- Exposure to business aspects of a consulting company, including financial reporting, marketing, tendering and management of resources.

Recent projects and experience include:

Physical Security Information Management (PSIM)

Design, testing, commissioning and ongoing support of a Physical Security Information Management (PSIM) system for a large oil & gas company. The PSIM software communicates with various subsystems and presents an overall picture of the enterprise to increase situational awareness, control and reporting. This project included connection to over 3000 field devices across 5 different subsystems. The PSIM software receives events and presents alarms to operators, performs automated actions, and stores data for reporting.

I was involved in the design, project management of the implementation, configuration, testing and commissioning, as well as ongoing technical support.

The project included development of software interfaces with security subsystems for access control, CCTV, perimeter intrusion detection, fire and gas detection and geospatial location systems.

The PSIM project delivers benefits to a variety of teams within the client business (HSE, security, process technicians/LNG operations, corporate IT).

Access Control and Mustering Migration Project

A large onshore LNG plant had an access control system which was approaching end-of-life for hardware and software, and required updating. The system has a variety of integrations with other systems, including SAP/HR and CCTV systems, as well as a complex integration with a mustering and personnel management system.

Due to the critical nature of the mustering functionality, system downtime during any works is required to be an absolute minimum.

I was responsible for managing the project from initiation, including designing the migration strategy and test procedures, writing factory test procedures and system integration procedures to prove functionality of the new system, and building a test laboratory in order to run the functional testing. A custom software interface was developed to integrate the new access control and mustering systems.

During the implementation phase I was responsible for leading the implementation team on site and working with operations personnel to schedule the works.

Navtech Radar

Design, testing, installation and commissioning of a 77GHz surface movement radar solution for a critical infrastructure site in Perth. The project included development of a new software integration to correlate radar data with aircraft and surface vehicle transponder data (ADS-B).

The solution delivers real time situational awareness to operators, as well as longer term data for planning and audit purposes.

License Plate Recognition

Project Manager for the installation and commissioning of license plate recognition systems at over 20 car parks around Australia, and vehicle mounted license plate recognition systems in Western Australia. The projects involved customisation of the recognition algorithms for each state, and software integration with car park management systems.

Qualifications and Associations

- B.E. (Electrical & Electronic Engineering), University of Western Australia, 2004.
- B. Sc. (Computer Science), University of Western Australia, 2004.
- Prince2 Practitioner (lapsed 2016)