







Delivering Solutions



About Advanced Technology Products

With extensive experience in hazardous and non-hazardous environments, we pride ourselves on designing, engineering and integrating life and asset safety systems with a focus on fire detection and suppression, RFID solutions and associated warning systems.

ATP are certified to ISO9001 and are members of the Institute of Fire Engineers of Australia and National Fire Industry Association.

Our expertise incorporates:

- System Design and Engineering
- Procurement and Supply
- Product Assembly and Fabrication
- Project Management
- Client Documentation

- FAT/SIT/SAT Services
- Commissioning and handover (onshore and offshore)
- Technical support and product training
- Capital Cost Estimates

ATP serves the Oil & Gas, Mining, Resources, Defence, Power, Marine and Construction industries. With our head office in Perth and representation in Melbourne and Brisbane, we have the ability to mobilise both nationally and internationally.



Detect

When you work in a hazardous area, you need to detect a fire or gas threat early, before it becomes a disaster.

ATP can analyse your site's unique setup, then handselect a project team to develop your advanced detection solution.



Suppress

ATP can design a builtto-purpose fire and gas suppression system that quells a threat's potential to combust, saving lives and assets from harm.

To fully capitalise on early detection, it's best to design it in conjunction with an early detection system.



Track

In the event of an emergency, advanced RFID tracking technology takes staff and asset management to all new levels.

From pinpointing the safest evacuation route and mustering location, to tracking the location of missing employees, ATP puts you in control.

Scope of capabilities

Manufacture

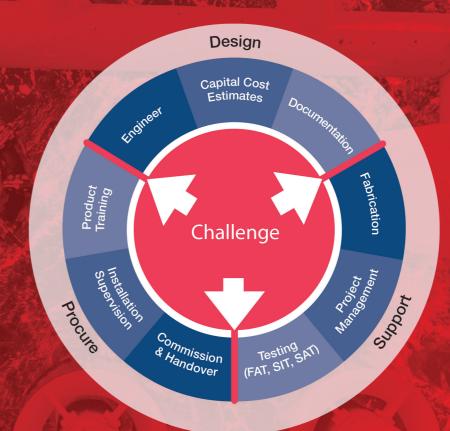


Design • EngineerProcure • TestCommission

Installation

ATP's Integrated Solutions approach is at the centre of its single-source delivery model. We combine field-proven, state of the art equipment with our wide ranging detection and protection expertise to maximise the client's return on investment. We work with you to determine your specific objectives, reduce operating costs, increase throughput and establish a carefully selected project team to achieve the final goal.

How we deliver solutions



ATP delivers outcomes as both integrated solutions and defined, single area projects.

Our integrated solutions cover the Design, Engineering, Procurment, Testing and Comissioning for each project.

In addition, we can deliver standalone outcomes from each of these categories to cater to your project.

We also work with contractors when specialist expertise is required.

Some of our projects

Gorgon LNG Project



Stage 2:

Design and supply of 134 fully networked Fire Alarm Panels, including the integration of twin graphics packages and over 7,000 field devices documentation, FAT, SIT & SAT.

& SAT, and Onyx Graphics packages.

Wheatstone LNG



Fire systems configuration, programming and site support, kitchen Hood Suppression System including design, documentation & SAT.

Explosion proof WIFI enclosure including engineering, documentation, assembly and FAT.

2007



Ichthys LNG



Ichthys RFID PLS Project - WLAN design and supply of RFID (Radio Frequency Identification) solutions including over 136 EX enclosures and Access Points, Temporary CCTV and siren system solution.

Our history

1988

ATP Solutions founded (then known as IEI WA) and appointed Exclusive Distributor of VESDA

Fire Detection

Systems.

1985

BHP accepts the use of VESDA as an ideal form of early warning smoke detection for its various Sub Stations and Field Auxiliary rooms at its Port Hedland site. Woodside has also been provided first VESDA units.

1991

Accredited VESDA testing and servicing facility established in WA.

First VESDA units sold to Optus. Designed and supplied the first VESDA system for the Australian Navy's computer centre at the HMAS Stirling Naval base.

ALCOA adopts VESDA as its primary smoke detection system for all sites.

1997

2000

Rio Tinto – Fire systems for Tom Price and Karratha WA including design and supply. Became exclusive WA distributor for Inertia and Notifier group of products. Department of
Defence – VESDA
systems for SAS
including design,
supply and
commissioning.
Woodside
Energy – Onshore
VESDA Detection
Systems including
audit, report and
commissioning.

9 2001 2003 **9**

ALCOA – Complete fire systems upgrade to Kwinana WA operations. BP Refinery – Complete fire systems upgrade to Kwinana WA operations. BHP Billiton – CCTV and Fire Systems integration at the Port Hedland facility.

2005

Gorgon LNG Project – 134 FIP's + 7000 devices, 4 x Suppression Systems for the complete Camp, Operations and TCF including; Ex Telephone Systems, Junction Boxes, Control Interfaces. Project included engineering, design, assembly, documentation, FAT, SIT and SAT and Onyx Graphics packages. Won again in 2008.

Woodside,
Okha – Helideck
suppression system
– tanks, monitors,
hoses and foam
including design
and documentation.
Marandoo Mine
Expansion – Fire
System including
engineering,
procurement, supply,
documentation,
FAT and SAT.

2013

Ichthys RFID PLS Project - WLAN design and supply of RFID solutions including over 136 EX enclosures and Access Points, Temporary CCTV and siren system solution.

2014

First Quantum

Minerals Cobre

Panama Mining

designed a VESDA

Very Early Warning

solution across three

core Cobre Panama

Notifier system as the

fire detection system's

Smoke Detection

sites, utilising the

main hardware.

Project - ATP

2016

John Petersen, the founding director of Advanced Technology Products, was one of three recipients to receive the DiNenno Prize, which was in recognition of their outstanding contributions to enhance fire and life safety through technical innovation and the development and commercialisation of the VESDA range of products.

2018

Woodside Karratha gas plant VESDA upgrade Phase 1 & 2 – ATP conducted a site-wide audit of the existing VESDA systems in Phase 1 & 2 and then executed the upgrade program. The upgrades made all of the VESDA systems compliant with KGP's requirements and Australian standards. ATP also supervised the installation and hands-on commissioning of the VESDA systems, plus modifications to the pipework.