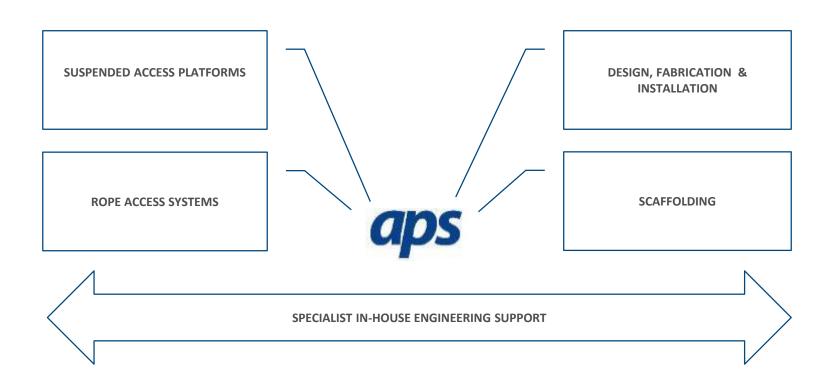


# **APS Suspended Access Presentation**

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### **Core Services**

# Multi-service offering for head contractors





## **Operational Information**

#### Senior management team

The senior management team lead each of APS' service lines and are responsible from tender until project delivery, including client management.

The entire senior management team hold equity in APS and are committed to the business post any transaction.



#### Lachlan Stevens

As Managing Director, Lachlan manages the day-to-day operations of the business. He also oversees all engineering aspects of the business.

Prior to founding APS, Lachlan worked as the general manager at a local Melbourne access solutions company that worked in the construction and power generation industry.

Lachtan has an honours degree in mechanical engineering from the University of Melbourne.

Lachlan is one of the founders of APS and remains a major shareholder.



#### **David Murray**

David oversees the APS access platform and rope access teams nationally. As Director, he is also involved in the general management of the business.

Prior to founding APS, David had extensive experience across the UK and Australia in a number of industries including construction, petrochemical, power generation, infrastructure and LNG sectors.

David is one of the founders of APS and remains a major shareholder.



#### Damon Lynch

Damon leads the scaffolding, access platforms and rope access teams.

Damon worked in the construction Industry as a scaffolder in the UK before migrating to Australia in 1997.

Damon has been with APS for seven years and holds a minority equity stake.



#### Trent Shaw

Trent leads the contract engineering, design, fabrication and installation division of APS.

Trent is an experienced mechanical fitter by trade and has worked across energy, manufacturing and engineering sectors.

He is also currently completing an engineering degree in mechanical engineering.

Trent has been with APS for over 10 years and holds a minority equity stake.



#### Nick MacRae

Nick is responsible for sourcing and project delivery on APS' engineering, design, fabrication and installation division of APS.

Nick has worked in the construction industry since 2011 and has extensive experience with Tier 1 builders. Prior to APS, Nick was the Senior Project Engineer at LendLease.

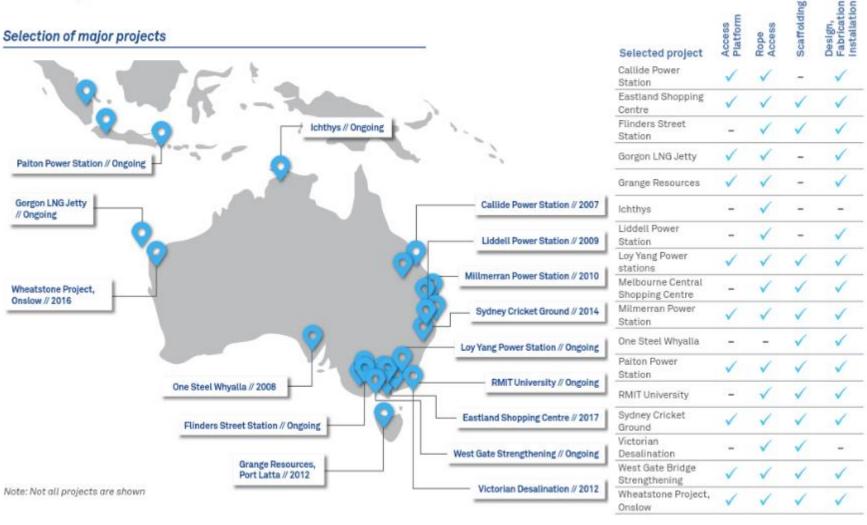
Nick holds a Master of Engineering degree from the University of Melbourne.

Nick joined APS in 2017 and holds a minority equity stake.



## **Selection of major projects**

### APS snapshot





## **Company History**

APS was founded in 2005. It was initially established to provide innovative, safe, and cost-effective access solutions to sophisticated infrastructure and construction projects.

Between 2007 and 2011, APS expanded its service offering to include scaffolding, rope access and a range of contract services such as fabrication, design and installation. These complementary services have enabled APS to:

- generate more incremental revenue per project
- provide a more multi-service approach in servicing its clients
- diversify its customer base by being able to now service smaller engagements alongside \$1b+ projects.

The Group's head office is located in Thomastown, Victoria and houses its fabrication facility and administration centre.





### **Company History**

### **APS** snapshot

#### Company timeline





## **Company Highlights**

#### History of winning major projects and maintaining deep relationships with its blue-chip client base, while maintaining an exceptional safety record

APS is a preferred and trusted access solutions provider for many Tier 1 and other contractors in Australia, Its weighted average tenure of clients is 7 years.

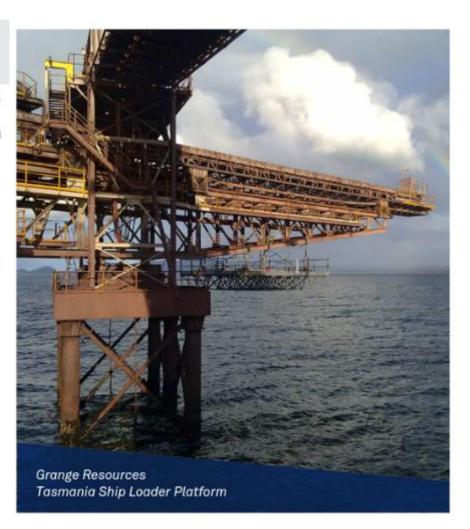
At the forefront of these long-standing relationships is APS' expertise on difficult projects and its exceptional service delivery, ensuring repeat work from its clients. APS has achieved its growth with no investment in a dedicated business development team.

APS has recorded zero major safety incidents since inception and boasts a lost time injury frequency rate ('LTIFR') significantly below industry average. This is highly valued by the Tier 1 contractor client base.

APS has also successfully delivered several major projects across Asia Pacific, including Indonesia. These jobs were either sourced from Australian Tier 1 contractors working abroad or referrals from existing clients.

Client	Length of relationship (Years)	Projects delivered (#)
Probuild	12	50
LendLease	12	130
Mirvac	11	17
John Holland	8	20
Forte Lift Services	7	286
CPB Contractors <sup>1</sup>	5	18
Downer EDI	2	4
Built	1	1

<sup>&</sup>lt;sup>1</sup> Formerly Leightons Contractors





### **Service Lines**

#### Service lines

Design, fabrication and installation

APS is a leading provider of steel fabrication and structural steel services and provides complementary services for its clients.

#### Overview

The in-house fabrication facility located at Thomastown gives APS the ability to manufacture most of its clients' bespoke steel work requirements.

Fabrication capabilities include:

- mild steel fabrication (small to medium size steel work)
- aluminium structures fabrication and welding
- jig manufacture for critical dimension steel work facades and frames
- · bespoke and turnkey steel and aluminium structures.

Design and engineering services include:

- · structural steelwork design and engineering
- · maintenance access design and engineering
- · site measurement
- · design drawings, fabrication drawings and 3D modelling
- · STRAP analysis
- · finite element analysis.

This capability and expertise underpins many of APS' other service lines and differentiates it from traditional industrial service providers.

#### Milestone projects

Project	Completion	Duration
Eastland Shopping Centre, Victoria	2016	2 years
RMIT, Victoria	2017	1 year
Melbourne Central, Victoria	2017	6 months
Bendigo Hospital, Victoria	2015	18 months
Royal Children's Hospital, Victoria	2011	2 years
Margaret Court Arena, Victoria	2014	3 years





### **Service Lines**

#### Suspended access platforms

APS' suspended access platform technology is a key differentiator in the market and enables APS to win many difficult projects that its competitors are unable to deliver in a similar timeline and budget.

#### Overview

APS' proprietary lightweight and extremely strong suspended access system is well recognised in the industry as an adaptable and safe alternative to traditional systems such as scaffolding, APS' suspended access platforms can be adapted to meet most project needs and requirements including many of the following:

bridges
 mines

jetty - events

buildings
 elevated roadways
 power stations
 temporary works.

Key benefits of APS' proprietary access platforms include:

- quick assembly compared to traditional scaffold systems or boom lift alternatives, reducing project time and costs
- exceptional strength-to-weight ratio enabling large crews and equipment to remain on the platform for the duration of the project
- 3. less labour intensive than traditional scaffold systems
- creates two safe working zones when suspended, which is particularly important for power station outage maintenance
- 5. continuous movement along or up the structure without the need to dismantle.





### **Service Lines**

#### Service lines

Suspended access platforms

#### Case study - West Gate Bridge, VIC

APS was engaged in 2009 by John Holland to supply suspended access platforms to the West Gate Bridge in Victoria. APS' platforms enabled the client to carry out external concrete and steel strengthening works for the bridge over a three year period, involving over 40 APS staff.

The supply of the working platforms equated to ~7,000m<sup>2</sup>, the largest temporary suspended access project ever undertaken in the world. The access platforms provided an innovative alternative for the client and was perfectly suited for this long term, high-risk project.

APS has since been engaged on a further project on the West Gate Bridge that will run until 2019. The works will involve the design, erection and operation of two large suspended platforms allowing the client to carry out preventative maintenance works to the underside of the bridge. APS has also been engaged to install two scaffold walkways to the bridge, which will enable access to the planned platforms.

APS was successful in winning the work as it had:

- · proprietary technology enabling the project to be completed safely, on time and on budget
- an existing relationship with the client, having delivered over 20 projects across an eight-year period
- · developed intimate knowledge of the bridge and its limitations.





#### Case study - Latrobe Valley Power Stations, VIC

Since 2008, APS has been engaged regularly by various Tier 1 contractors to provide suspended access platforms to support planned maintenance outages at the Loy Yang A and Loy Yang B Power Stations in Victoria.

APS supplies the platforms and skilled labour crew of up to 20 employees for the outages which typically extend for five days.

The proprietary access platform technology enables critical deadlines to be met compared to scaffold or rope access alternatives. APS can erect, deliver the project and dismantle significantly quicker, reducing outage time and cost to its client and other contractors. The access platforms also create two safe working spaces in the boilers, enabling other contractors and engineers to continue with their works.

As a result, APS is a preferred subcontractor to the power stations. APS has also completed successful outages in Queensland and Indonesia and is on track for securing a multiyear outage contract in Thailand.





### **APS Technitruss**

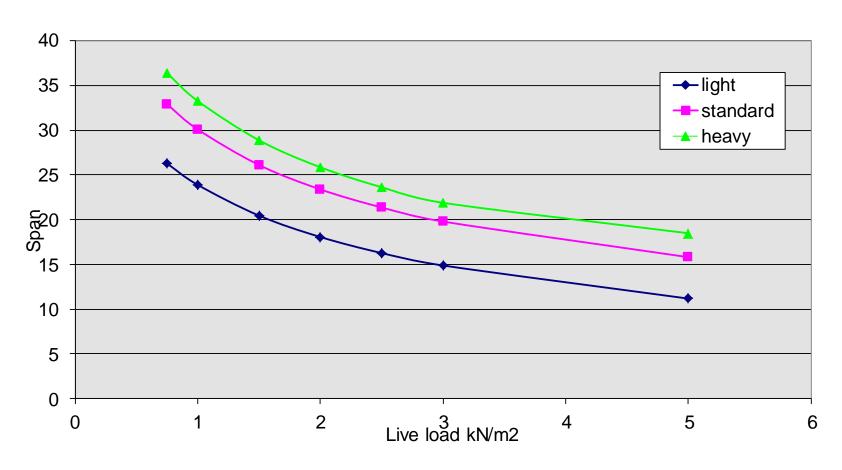
#### **About Technitruss**

- 3 dimensional
- Orthotropic three mutually perpendicular planes of elastic symmetry
- Ductile able to be deformed without losing toughness
- Variable in depth Common depth is 1.2m
- Few Components Technitruss structure is made up of 5 parts
- Simple fabrication quick and competitive to produce
- Improved factors of safety



## **APS Technitruss**

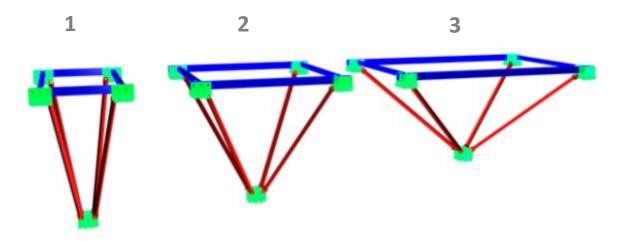
### Loadings





### **APS Technitruss**

### **Configurations**



**Three Strength Configurations** 

- 1. Heavy
- 2. Standard
- 3. Light (most common)



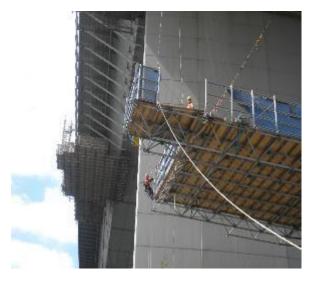
## **SERVICES HIGHLIGHTS**



## **Suspended Access Projects**















## **Suspended Access Projects**







## **Power Stations Suspended Platforms**













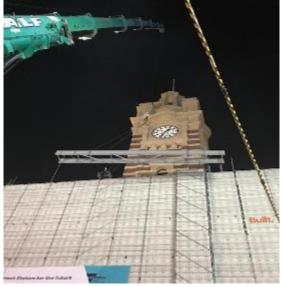
## **Rigging / Steel Erection Projects**













## **Rigging / Steel Erection Projects**















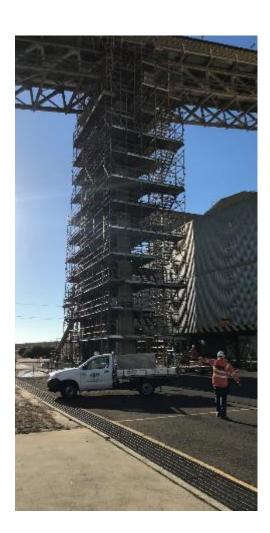
## **Scaffold Projects**













## **Rope Access Projects**







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