



# DELIVERING DEFENCE PROJECTS, TOGETHER

## WHO WE ARE

Australian owned and operated, SIMPEC deliver specialised capabilities in Early Contract involvement, SMP (Structural, Mechanical, Piping), E&I (Electrical & Instrumentation), and Civil Services to a broad range of clients across multiple industries.

Our strength lies in the ability to deliver **fully integrated vertical projects** valued up to and including A\$200 million - taking designs from concept through construction, commissioning, and handover, while managing the full supply chain to ensure safe, low-risk execution.

As a subsidiary of WestStar Industrial, SIMPEC has the capability to collaborate with associate company Alltype Engineering to offer **integrated fabrication solutions**, further enhancing our project delivery capabilities.

Our **safety culture** is fundamental to everything we do. Our safety framework, **SIMSafe**, drives positive safety outcomes and reduces the risk of harm to our people and the environment.

## OUR ACCREDITATIONS

SIMPEC is proudly ISO certified and approved by the Office of the Federal Safety Commission (OFSC).



## CLIENT PARTNERSHIPS



	Safety, Environment & Quality certified		Water Treatment and Waste Management
	Documentation Management and Cyber Security Cleared		Fully Integrated Vertical Project Delivery
	Power Generation and Distribution Systems		Structural, Mechanical, Civil and Fabrication

Proudly recognised as a **Veteran Friendly Employer.**



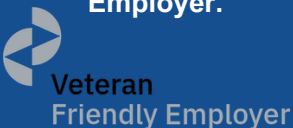
LEAD POSITIVELY



CREATE TEAMS



BE LIKE NO OTHER



## Let's connect

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# FEATURED CASE STUDIES

## SEPD BESS PROJECT WAGERUP

SEPD / Alinta Energy



SIMPEC was appointed to construct the 330kV Gas Insulated Switchgear (GIS) Building, designed to house 16 inverter containers and 128 battery containers. The GIS Building Package encompassed the complete delivery of all project elements.

### SMP & Civil Works:

- Detailed civil works
- Concrete Foundations – piles, ground slab, suspended concrete slab
- Supply and installation of structural steelwork
- Supply installation of purlins/girts, handrail, grid mesh
- Supply and installation of insulation, sheeting, and other building finishing works
- Supply/installation and fit out of internal walls/doors for control room
- Installation and load testing of overhead crane
- Supply and installation of electrical works including lighting, power, fire system, PA, communications etc

- Supply installation of cable, ladder and conduit
- Construction Verification and Commissioning

### E&I Works:

- Low Voltage Works in the GIS Building inclusive of Protective earthing for GIS system.
- Installation of Protection Panel and Cabling Works
- GIS Equipment Installation and Commissioning Works Assisting Siemens to install the mechanical and electrical components of the first 330Kv switchgear in Australia
- Installation of 330Kv cable installation - connecting to the newly built GIS into the existing network connection

Location: Wagerup, WA | Duration: 9 months | Value: \$40 Million

## SYDNEY METRO AND SOUTHWEST STATIONS

Thales / Hitachi

**THALES HITACHI**

SIMPEC continues to deliver ongoing electrical and communications construction, quality assurance, testing and commissioning services for the Central Control Systems (CCS) and Communications Packages at Sydney Metro & Southwest rail Stations, in collaboration with Thales and Hitachi.

### Principal Components:

- Central Management Control System
- Database Management System
- Operator and maintenance workstations
- Integrated backup panels
- Front-End Processors, Field Programmable Logic Controller
- MCS local area network
- Operator consoles, workbenches, kick bars and panic buttons
- Software proofing platform/software development system
- Training system
- Data Communications Network
- Communication Systems and subsystems.

**Overview: The communication systems provide critical services to operators and passengers and include the following subsystems.**

- Transmission Network (TN)
- Local Data Network (LDN)
- Closed Circuit Television (CCTV)
- Passenger Information Display System (PIDS)
- Public Address System (PAS)
- Clock System (CLK)
- Telephone System (TEL)
- Voice Recorder System (VRS)
- Hearing Augmentation Loop System (HALS)
- Electronic Access Control System (EAC)
- Block Wiring Network (BWN)

Location: Sydney, NSW | Duration: 3+ yrs ongoing | Value: \$18 Million ongoing

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