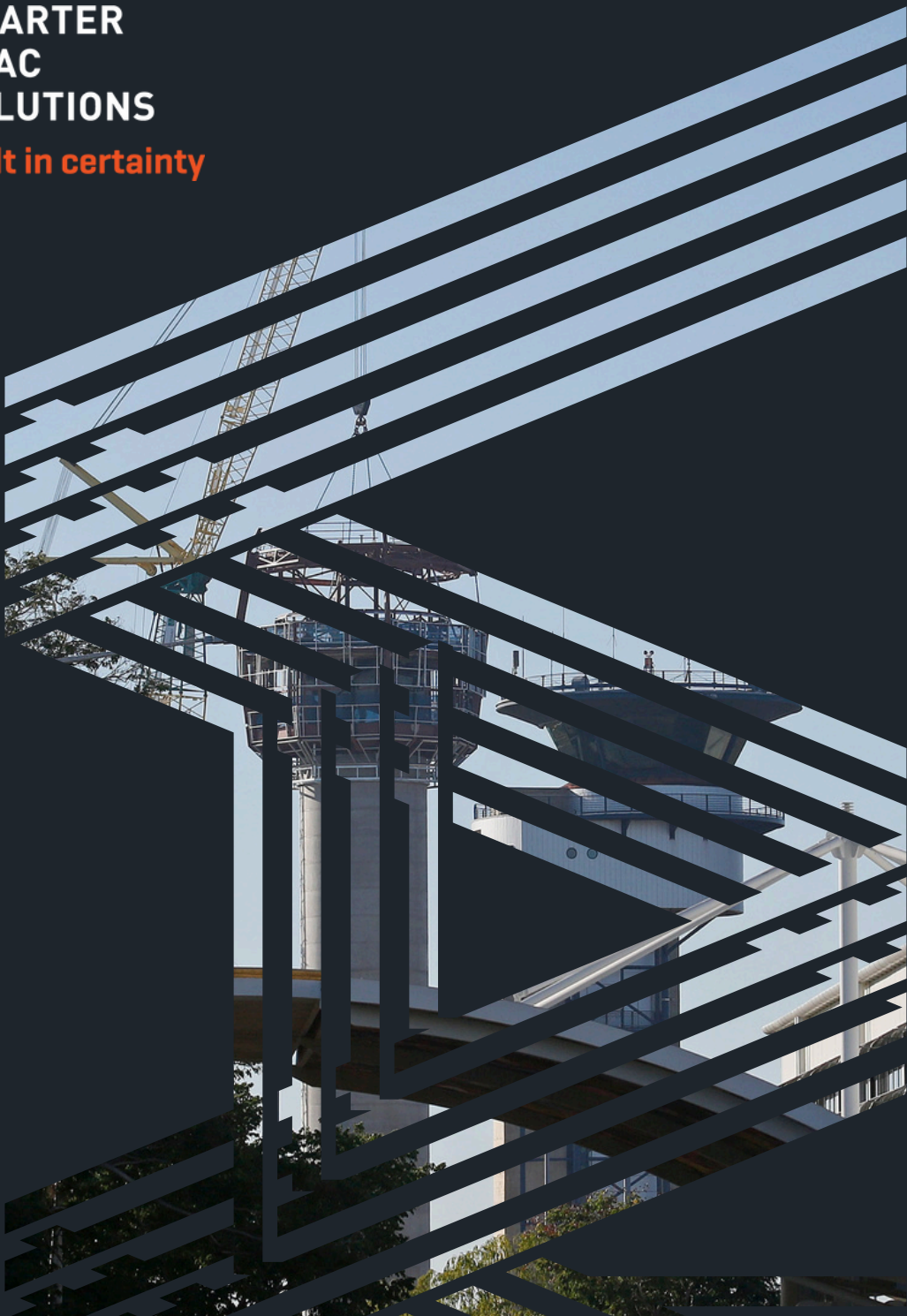




SMARTER  
HVAC  
SOLUTIONS

**Built in certainty**



## **VAE Capability Profile**

NT Defence - February 2025

**Engineer / Construct / Manage**

# WELCOME TO VAE Group

Our team on the ground have been operating in Darwin, Palmerston, rural and remote regions of the Northern Territory (NT) for more than ten years; previously working under the banner of Select Services Air Conditioning and Refrigeration, and now under the VAE Group since 2019. Our experienced team hold the local knowledge and experience expected by our clients.

We offer Smarter Heating, Ventilation and Air Conditioning (HVAC) solutions for our clients, focusing on commercial projects, design, engineering, installation and commissioning as well as ongoing maintenance and repairs for all plant and equipment, including chilled water systems.

In 2019, Select Services entered into a partnership with Value Added Engineering, and is now fully integrated into the VAE Group, benefiting from the extensive design, engineering, and drafting resources that provide the local team and customers a wider range of service offerings throughout the Territory. VAE delivers best practices in HVAC systems as well as an in-house automation and controls capacity to serve buildings of all sizes within the Territory.

VAE are able to offer Defence a complete suite of HVAC solutions from major construction, retrofits and servicing from a well established territory business.

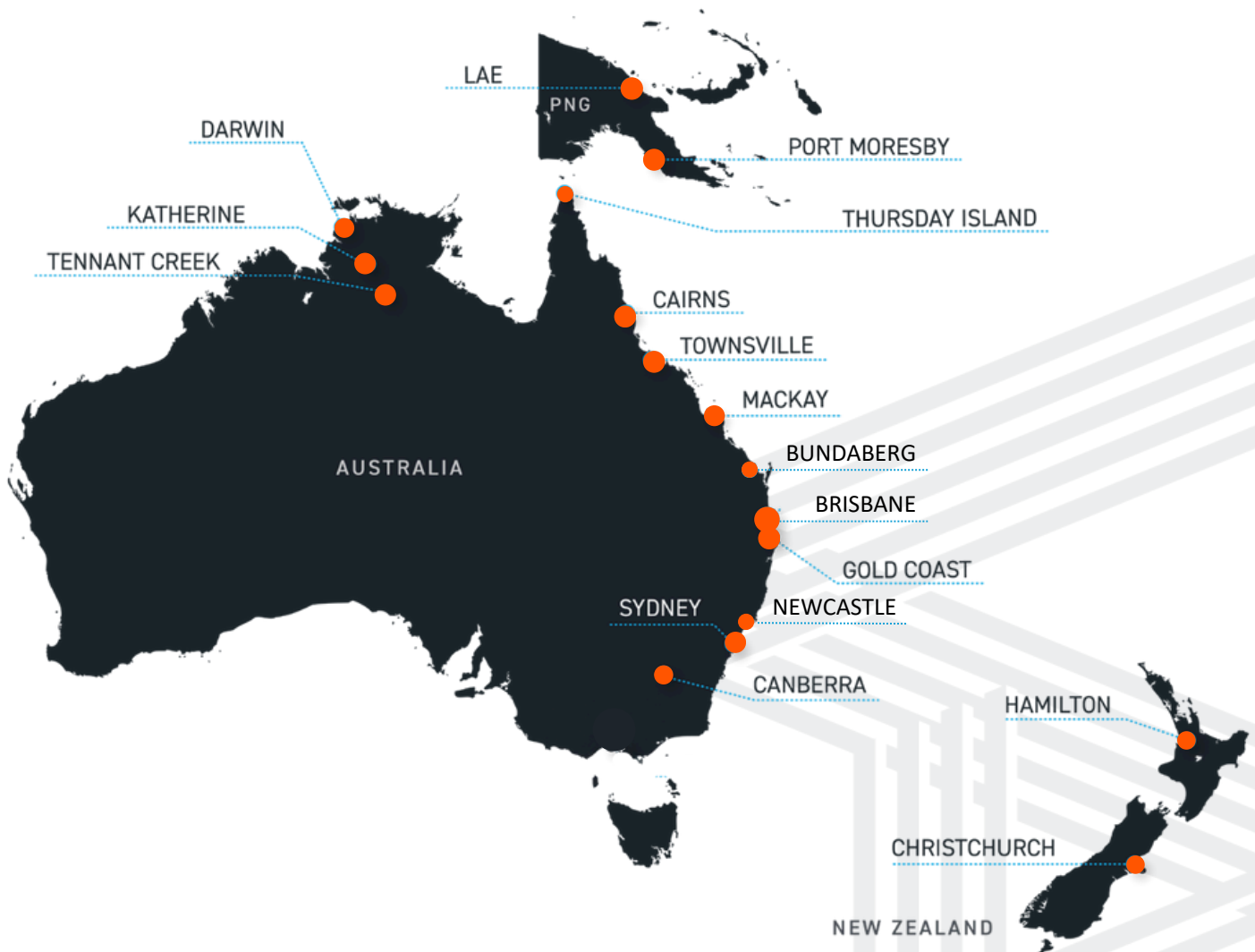
The background image shows two soldiers in camouflage uniforms and caps, seen from behind, looking towards a large industrial structure under construction. The structure has a tall, cylindrical concrete base and a complex, multi-level metal framework at the top. A yellow crane is visible on the left side of the frame. The overall scene is in a hazy, overcast environment.

**TERRITORY  
PROUD**

**Australia's Northern Territory**

Image©Commonwealth of Australia 2020

# LOCATIONS



## SERVICE

VAE provides services across Australia throughout the Torres Strait and Papua New Guinea and in New Zealand.

With over 450 staff based across 11 branches, our company has the capacity to support national and regional clients and a range of site sizes and facilities.

## SECTORS

VAE work across a range of sectors including:

- Defence
- Aviation
- Commercial Buildings
- Retail
- Industrial
- Education and Universities
- Hotels and Resorts
- Health Care & Allied Services
- Aged Care
- Local and State Government.

## PEOPLE

Our people are our strength and we firmly believe in developing our own in-house talent, empowering our employees to fulfill their potential. Our team are mentored, trained and respected, and we provide everyone with career and personal development opportunities.



# SERVICES

## SPECIALIST HVAC SERVICES

VAE specialises in Smarter HVAC solutions and our team of experienced engineers and technicians design, supply, install, commission, service and maintain all mechanical and electrical systems. Our team can also upgrade assets and provide total refurbishment of buildings and facilities.

## COMPLETE ASSET MANAGEMENT

VAE provide an open and transparent approach to the operating and lifecycle costs associated with your assets, providing accurate data analysis for future replacement, CAPEX and OPEX.

## SPECIALIST CHILLER SERVICES

VAE have a team of skilled chiller technicians and highly can provide aftermarket services of most OEM Chillers. We are also a Powerpax Authorised Service Partner giving us the ability to conduct preventative maintenance and services, minimising electricity, gas and water usage.

## ESSENTIAL SERVICES

VAE Essential Maintenance covers all Services regulatory requirements for the inspection of HVAC systems as referenced in the Australian Standards.

VAE are HVAC control Systems Specialists, which for our clients means certainty in the delivery and maintenance of complete systems for your facility.

## SPECIAL PROJECTS

The VAE Special Projects team includes experienced engineers and technicians, with a vast amount of experience in new installations, retro-fitting existing systems and replacing HVAC assets. Our team can analyse your needs and budget to create a tailored solution for your site.

## TECHNOLOGIES TO HELP YOU UNDERSTAND YOUR AND ASSET PERFORMANCE

VAE technology gives our clients the ability to track and predict their energy consumption and performance and compare usage across their portfolio.

VAE can also provide technical knowledge and advice through the VAE Bureau.

## Select Services - Defence Sector Quad Chart

### DISCRIMINATORS

Built in Certainty is not just a brand promise, it's what we are all about. It's the fundamental value that drives everyone in our business. VAE Group also has branch offices throughout Australia and New Zealand. This enables us to leverage our extensive in-house design, engineering, and drafting expertise to successfully deliver Defence projects in the Territory. VAE also has a well-established network of local and interstate suppliers and specialist subcontractors to ensure seamless project execution. Working with VAE provides you with.

- The **financial strength** to provide you with **certainty** that the projects we start today will be delivered, we are here for the long haul
- Certainty that **safety** is our first priority
- Certainty that our projects will work as intended
- A team that will work with you, and deliver to **your expectations**
- Proven **capability** delivering Defence Projects in the Northern Territory including at: RAAF Tindal, RAAF Delamere and RAAF Darwin.

### STANDARDS AND ACCREDITATIONS

VAE deliver safe, reliable, professional services, and our team are required to maintain all necessary licences and registrations for the full range of activities we provide.

We hold Northern Territory Contractor Accreditation (CAL) for the Northern Territory Government and hold ISO Accreditations for:

Quality Management Systems -

- ISO9001 OHS
- Management Systems - ISO45001



### CAPABILITIES

VAE engineers, constructs and manages **Smarter HVAC Solutions...**

- **In-house design, engineering and drafting team**, creating smarter, simpler, coordinated designs
- **End-to-End solutions** including prefabrication, installation, automation, electrical, commissioning, compliance, and certification
- **Value Management** aimed at providing cost effective, energy efficient mechanical services solutions that provide built in certainty

### KEY CUSTOMERS AND PARTNERS

Repeat business... all the **evidence** you need.

Some of VAE repeat clients in NT include:

- DCOH (formerly Halikos Construction and Development)
- Darwin International Airport
- Jaytex Construction
- Hutchinson Builders
- Lendlease
- Shape Australia
- Territory Property Management.





Image source © Commonwealth of Australia, Department of Defence

## RAAF BASE DARWIN - DEFENCE AIR TRAFFIC CONTROL COMPLEX

2020

Client: LendLease

\$3.47m

The AIR 5431 Defence Air Traffic Control (ATC) Complex project is an Australian Defence Force project located at select bases across the nation, upgrading the Air Traffic Control Towers.



Lend Lease engaged VAE to undertake the major mechanical works to an extension of the existing Airfield Systems Complex (ASC), new ATC and new Energy Building at Darwin International Airport. As well as an extension to the chilled water plant serving both the existing and new buildings.

The new ATC tower is a 50m high multi-level facility accommodating a control cabin, external observation deck and a crew rest area, amenities, kitchenette and plant room.



Image source © Commonwealth of Australia, Department of Defence

## RAAF BASE TINDAL (DEPARTMENT OF DEFENCE) AIR TRAFFIC CONTROL - STAGE 14

2018

Client: LendLease

\$3.3m

RAAF Base Tindal is Australia's most remote major Defence establishment, located 15km south of Katherine in the Northern Territory.



Lend Lease engaged VAE Group to provide a stand-alone air conditioning system to the new Air Traffic Control Tower and Air Systems Complex (ASC) buildings at RAAF Base Tindal, including a new chilled water plant, thermal storage, and air handling plant.

VAE collaborated with the RAAF and Lend Lease to provide programmed disruptions, in order to reduce required interruptions to operations.

## DEPARTMENT OF DEFENCE, RAAF DELAMERE AIR WEAPONS RANGE

2018      Client: LendLease      \$3.3m  
Delamere Air Weapons Range is a bombing range operated by the Royal Australian Air Force (RAAF), located in the Northern Territory 120km south of Katherine and RAAF Base Tindal.



The range covers over half a million acres and is undoubtedly one of Australia's premier weapons ranges.

VAE were engaged by Lend Lease to provide a stand-alone air conditioning system to the range operations centre, central facilities, visitor and accommodation facilities, maintenance buildings and various other buildings including ordnance stores.

The mechanical plant included packaged air conditioning units and Variable Refrigerant Flow (VRF) split systems, including advanced graphics to assist in remote diagnosis.

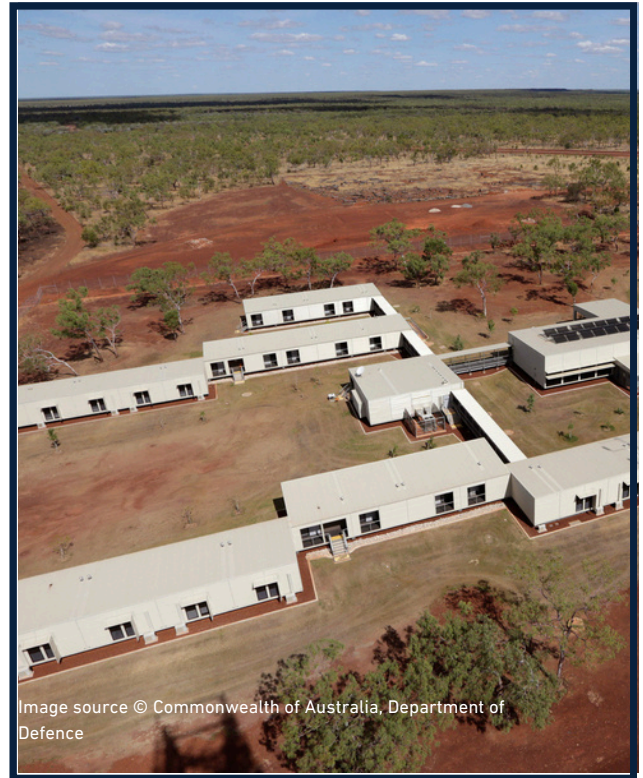


Image source © Commonwealth of Australia, Department of Defence

## SERVICES FOR DEFENCE

### ENGINEER

- In-house **design** capability with design sign off by Registered Engineers
- In-house drafting utilising experienced **Revit and 3D drafting** resources
- Value Management to **reduce** Capital Expenditure (CAPEX), **Improve** Buildability, and **reduce** Operational Expenditure (OPEX)



### CONSTRUCT

- **Prefabrication:** to reduce site installation costs, for example, Vertical Risers and **Integrated Services** (Horizontal Services)
- Installation combining **in-house resources** and preferred subcontractors
- **In-house commissioning**
- In-house **technology team** providing Building Management Services (**BMS**) and Integrated Building Platforms (**IBP**) based on vendor independent technology
- Full time on-site **Safety Representative**



### MANAGE

- Dedicated **Warranty Manager** and warranty team for the project
- **In-house** Mechanical Maintenance team
- Management of **specialist** subcontractors where required for example, Chillers, Boilers and Water Treatment
- **Automation Service Business**
- Data Driven Maintenance Division | **VAE Bureau**





# WHY PARTNER WITH VAE?

## 24/7 DIRECT DELIVERY SERVICE

Our highly skilled technicians are available 24 hours per day, 7 days per week, and our clients are supported with a 24 hour Northern Territory based Help Desk.

## IN-HOUSE SERVICES DELIVERY

Having our own in-house Service Team, allows VAE to mitigate risk, provide service continuity and gain a unique understanding of your assets and building, creating cost savings and efficiencies during the asset life cycle.

## LEAD TEAM APPROACH

All VAE clients are supported by an appointed Client Services Manager and a Lead Team who will be responsible for your account for the duration of the contract, gaining knowledge and experience of the unique needs of the site.

## STATE OF THE ART TECHNOLOGIES TO HELP YOU UNDERSTAND YOUR BUILDING SUSTAINABILITY AND ASSET PERFORMANCE DATA



Our Technology Teams work together with our Mechanical Teams to develop solutions that work. Our expert staff have an authentic passion for delivering outstanding results. This energy drives innovative thinking, efficient performance, and positive relationships. VAE is dedicated to servicing Building Management Systems to ensure your building performs better. This is reflected in our brand promise of 'Built in Certainty'.

VAE are Distech approved Systems Specialists and we have extensive experience in upgrading and integrating legacy systems using truly open protocol platforms allowing for multiple BMS providers to easily service your facility and provide a more competitive and comprehensive service level.

Distech Controllers have been successfully installed throughout multiple defence sites across the Northern Territory and are fully integrated to the incumbent facility management systems.

VAE has a holistic approach to managing site assets and our clients are given the information they need to make critical decisions on the essential operations of the assets they manage. The Bureau is available at all locations serviced by VAE, and can be offered on existing client sites or on new sites, where more in depth analysis of building assets are required.



## CONTACT DETAILS

### DARWIN AND THE NORTHERN TERRITORY

30 Winnellie Road  
WINNELLIE NT 0820

Ph: 08 8947 5544

Email: [servicent@vaegroup.net.au](mailto:servicent@vaegroup.net.au)  
[vaegroup.com.au](http://vaegroup.com.au)

## BRANCH CONTACTS

### BRISBANE

27 Bellwood Street  
DARRA QLD 4076  
Ph: 1300 823 823  
Email: [info@vaegroup.com.au](mailto:info@vaegroup.com.au)

### SYDNEY

Unit 1, 76 Reserve Rd  
ARTARMON NSW 2064  
Ph: 1300 823 823  
Email: [info@vaegroup.com.au](mailto:info@vaegroup.com.au)

### CHRISTCHURCH

119 Blenheim Road, Riccarton  
CHRISTCHURCH NZ 8041  
Ph: +64 800 482 369  
Email: [infonz@vaegroup.co.nz](mailto:infonz@vaegroup.co.nz)

### TAURANGA

Suite 7, 66 Paraone Koikoi Drive  
TAURIKO, TAURANGA NZ 3110  
Ph: +64 800 482 369  
Email: [infonz@vaegroup.co.nz](mailto:infonz@vaegroup.co.nz)

### CAIRNS

Lot 1, Royal Flying Dr Street  
AEROGLEN QLD 4870  
Ph: 1300 823 823  
Email: [info@vaegroup.com.au](mailto:info@vaegroup.com.au)

### GOLD COAST

Unit 4, 2 Louis Court  
COOMERA QLD 4209  
Ph: 1300 823 823  
Email: [info@vaegroup.com.au](mailto:info@vaegroup.com.au)

### TOWNSVILLE

9 Corporate Crescent  
GARbutt QLD 4814  
Ph: 1300 823 823  
Email: [info@vaegroup.com.au](mailto:info@vaegroup.com.au)

### PAPUA NEW GUINEA

Level 1, United Church Bldg  
Douglas Street  
PAPUA NEW GUINEA 111  
Ph: 1300 823 823

### CANBERRA

Level 5, Suite 10, 17-21 University Ave  
CANBERRA ACT 2601  
Ph: 1300 823 823  
Email: [info@vaegroup.com.au](mailto:info@vaegroup.com.au)

### MACKAY

3-6 Bldg 2 Mackay Airport  
MACKAY QLD 4740  
Ph: 1300 823 823  
Email: [info@vaegroup.com.au](mailto:info@vaegroup.com.au)

## REACH OUT ON SOCIALS





**GROUP**

**SMARTER  
HVAC  
SOLUTIONS**

**Built in certainty**



**Australia's Northern Territory**

*'In the spirit of reconciliation, VAE acknowledges the Traditional Custodians of the Northern Territory and throughout Australia and acknowledge their connections to land, sea and community. We pay our respect to their Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples today.'*