



Salisbury.
Home of **defence** and
space in South Australia



The location of choice for defence and space

Salisbury is at the heart of Australia's defence industry - equipping and supporting Australia's defence force.

Home to the Edinburgh Defence Precinct including Defence Science and Technology - Edinburgh, RAAF Edinburgh, Technology Park and Edinburgh Parks, and with an active civil and defence space community of industry, universities, research centres, and government, the City of Salisbury holds an important position in the Australian defence and space industries.

We are the location of choice for international primes including BAE Systems Australia (head office), Lockheed Martin Australia, SAAB Australia (head office), L3 Harris, Northrup Grumman, General Dynamics Land Systems Australia, and Raytheon Australia, supported by a growing number of innovative SMEs that are playing a crucial role in the future of defence and space activity.

Supporting our local defence and aerospace industries are world class research capabilities located at the

University of South Australia (UniSA) in Mawson Lakes, including the Institute for Telecommunications Research, Advanced Computing Research Centre, Defence and Systems Institute, the Future Industries Institute, SmartSat CRC, and Industry 4.0 Testlab supporting space and defence start-ups and SMEs. This is further enhanced by the annual Southern Hemisphere Space Studies Program, a collaboration with the French-based International Space University held at UniSA's Mawson Lakes campus.

More broadly, recent investment in Lot 14 in the Adelaide CBD compliments the long history of defence and aerospace industry and activity in northern Adelaide. The Australian Space Agency and Australian Cyber Collaboration Centre will be joined by the ground-breaking Mission Control Centre and the Questacon-partnered Australian Space Discovery Centre, reinforcing South Australia as the centre of Australia's

defence, space and cyber industry.

Over the next 20 years, there will be an increased demand for Australian workers with trade, technical, science and technology skills to build and maintain fleets of new ships, submarines, armoured vehicles, infrastructure and facilities, and contribute to intelligence surveillance and reconnaissance, cyber and other electronic and information based and space capabilities.

With a population of more than 140,000 people, which is forecast to grow to more than 150,000 by 2030, and with a well-skilled labour force, the City of Salisbury is well positioned to support future industry growth, and equipped to assist defence and aerospace companies looking to enter the state or expand their presence.

If you are a defence or aerospace company, Salisbury is where you need to be.

Salisbury. The heart of Australia's defence industry.



Defence and space industry in South Australia

South Australia – The Defence State is home to a critical mass of world-class industry delivering many of Defence’s largest and most complex projects.

As Australia’s defence state, South Australia is home to a significant cluster of world-class businesses delivering many of the country’s largest and most complex projects. Major defence companies across the maritime, aerospace, land, systems and cyber

domains have their headquarters or significant operations in the state, with Salisbury home to many of them. A strong core of defence-related small-to-medium enterprises provide goods and services directly to Defence, and deliver into the supply chains of prime contractors in Australia and around the world.

South Australia also has hundreds of other SMEs that supply defence

projects with a wide range of services and products, such as structural steel, fasteners, cables and wheel rims.

Home to the Edinburgh Defence Precinct and Osborne Naval Shipyard, South Australia has a central role in the future of Australian Defence Force operations and Department of Defence activities.

<https://www.defencesa.com/>

The location of choice for international primes and SMEs.





Key precincts

Edinburgh Defence Precinct (EDP)

THE EDINBURGH DEFENCE PRECINCT, approximately 25km north of the Adelaide Central Business District, is the largest Defence establishment in South Australia in terms of geographical area, number of staff and number of units.

The precinct comprises four sites: RAAF

Edinburgh; Defence Science & Technology Group (DSTG) Edinburgh; Edinburgh Parks and Woomera Range Complex. The three sites of RAAF Edinburgh, DSTG and Edinburgh Parks are located within the City of Salisbury.

More than 6,000 personnel are located across the four sites, including about 3,700 ADF Members (approximately 2,000

RAAF, 1,100 Army and 600 reservists), 2,000 Australian Public Servants, and nearly 600 contractors.

RAAF Edinburgh. Located on the western side of West Avenue, RAAF Edinburgh is one of two Defence super bases. It comprises the operational elements including Air Force and Army units, logistics and maintenance supports units,

garrison support elements (messes, accommodation, gym, pool) and a commercial area comprising cafes, banks, post office, community centre and barber.

Defence Science & Technology Group (DSTG). Located on the eastern side of West Avenue, DSTG's Edinburgh site is home to world-class testing and research facilities and over 1000 scientists, engineers, technicians and IT professionals.

Edinburgh Parks. Located 2km south of RAAF Edinburgh, Edinburgh Parks is one of Australia's largest advanced industrial precincts and has more than 300 hectares of fully-developed land available. It comprises of four precincts designated

for aerospace and manufacturing, defence technology, logistics support and automotive industries.

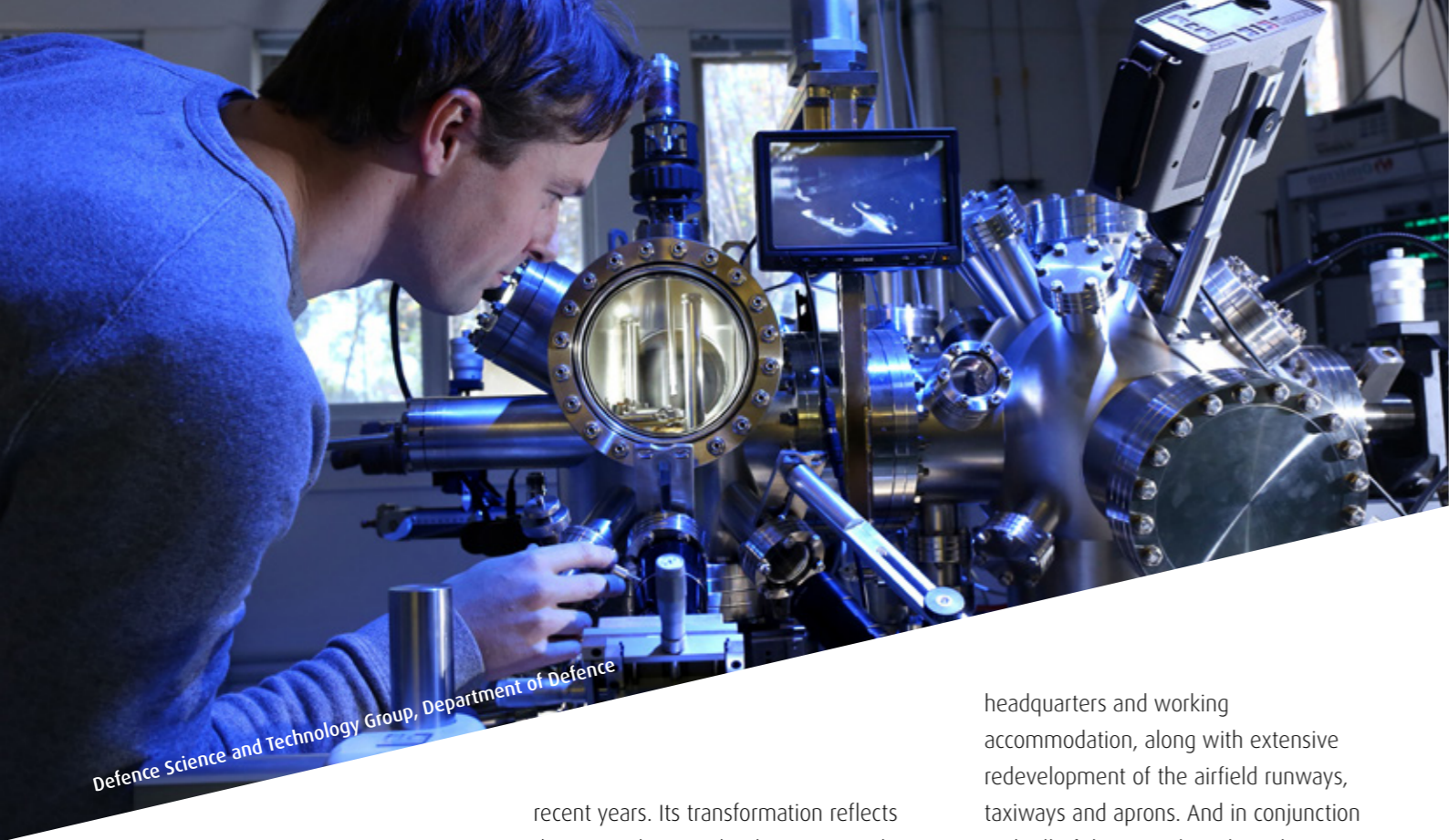
There are approximately 50 residential units located on Edinburgh Defence Precinct and a range of other defence elements including: 1 Combat Service Support Team, 1 Joint Logistics Unit (South), Army School of Electrical Mechanical Engineering, Air Force Headquarters Air Show Team, Army Education Centre, Army Personnel Support Centre, Corporate and Enabling Services, Henry Maclaurin Battle Simulation Site, Joint Health Unit (Central), South Australia Wing Warrant Officer and Non Commissioned Academy, Surveillance and Response Systems Program Office, Wide Area and Space Surveillance Systems Program Office. >>>

Recent commitments

- 12 x P-8A Poseidon (\$5.2 billion)
- 6 x MQ-4C Triton Unmanned Aircraft System (\$7 billion)
- 4 x MC-55A Peregrine aircraft including facilities and infrastructure investment (\$293.7 million GST Exclusive)
- MQ-9B unmanned aircraft (\$1.3 billion)
- Space Research Hub
- DST Edinburgh - Defence High Performance Computing Centre (\$70 million)

"The Edinburgh Defence Precinct has undergone significant redevelopment with new facilities and infrastructure to support a sizeable and expanding Army and Air Force long-term presence on RAAF Edinburgh. The Precinct is also home to Defence Science & Technology Group facilities at their Edinburgh site, and Defence Industry partners. Development at the Precinct will continue into the next decade with the introduction of new air intelligence and surveillance capabilities, deployable Army capabilities, and their associated support organisations."

AIRC/DRE Brendan Rogers CSC CSM, Commander Air Warfare Centre, Senior ADF Officer Edinburgh Defence Precinct



Defence Science and Technology Group, Department of Defence

EDP today

The Edinburgh Defence Precinct has become an increasingly operationally focused defence and joint-defence establishment. Over the past 10 years, it has become a major intelligence surveillance and reconnaissance (ISR) hub for the ADF with Air Warfare Centre, 92 Wing, and 1 Remote Sensor Unit residing on the base.

Likewise, it has a very strong electronic warfare presence (EW) with Joint Electronic and 462 Squadron located here. The ISR and EW focus is reinforced by DST elements that provide vital research in these areas.

A large Army presence through operational units including 7th Battalion, Royal Australian Regiment (7RAR) and 1 Armoured Regiment and the presence of the RAAF's No.3 Security Force Squadron significantly enhances the operational focus of RAAF Edinburgh.

Edinburgh redevelopment

The facilities and infrastructure at the Edinburgh Defence Precinct have undergone a major transformation in

recent years. Its transformation reflects the many changes that have occurred across the base in order to support Defence personnel and their families, and various new Air Force and Army units and major capabilities.

Major support facilities including combined messing, accommodation areas, gym and indoor pool, community commercial area and training areas were constructed from 2009-2010, as were facilities for Army and joint units relocated to RAAF Edinburgh.

However, the redevelopment of Edinburgh is far from finished. Current works are widespread and are emphasised by construction of new infrastructure and facilities to support the recently-acquired P-8A Poseidon maritime patrol aircraft. Major construction projects will continue well into the next decade to support Army armoured fighting vehicles and planned Air Force capabilities such as the MC-55A aircraft.

The overall works will deliver a multitude of new aircraft hangars, workshops, vehicle shelters and hardstands, operations centres, training centres including simulators,

headquarters and working accommodation, along with extensive redevelopment of the airfield runways, taxiways and aprons. And in conjunction with all of these works, a large base-wide project will commence in early 2021 to refresh power, water, sewer and stormwater infrastructure.

The exciting large-scale transformation that has taken place at Edinburgh over the past 10 years has a long way to go.

Defence Science and Technology - Edinburgh

The Defence Science and Technology Group (DSTG) is Australia's second largest government-funded research organisation, behind CSIRO. It has a presence in almost every state and territory, the largest of which is in the Edinburgh Defence Precinct.

Led by Chief Defence Scientist, Professor Tanya Monro, DSTG employs approximately 2,200 people, roughly 1,300 of whom are located at Edinburgh. The group provides scientific advice and technology solutions to enhance Australia's Defence and national security, and plays an important role in focusing the national S&T enterprise on research that will provide Defence with a capability advantage.

Technology Park and Mawson Innovation Precinct

As Australia's first innovation precinct established in 1982, Technology Park is an ideal location for established and emerging technology companies.

Located 12 kilometres north of the Adelaide CBD and 14 kilometres from the Edinburgh Defence Precinct, Technology Park offers standalone sites and serviced and long-term offices in Innovation and Endeavour Houses, to suit businesses of any size, with a dedicated concierge team supporting tenants and an onsite conference centre.

Considered one of Australia's premier defence tech precincts with a focus on systems development and integration, information communication technology, advanced manufacturing and electronics, Technology Park is home to a critical mass of defence technology expertise.

With more than 100 companies in the precinct, ranging from multinational organisations including BAE Systems Australia, Lockheed Martin Australia, Saab Australia, Codan Ltd, Northrop Grumman, Raytheon Australia, DXE Technology and Speedcast, to established small-to-medium enterprises and start-ups including DEWC Pty Ltd, CEA Technologies, Daronmont Technologies, Daintree Systems; Technology Park is the location of choice for high technology firms looking to be close to key defence or aerospace businesses.

<https://techpark.sa.gov.au/>

Edinburgh Parks

Edinburgh Parks is Adelaide's largest modern industrial estate, with ample land, excellent infrastructure and proximity to transport routes. It is also considered a key defence

hub for national defence research, manufacturing and sustainment.

Located approximately 25 kilometres north of Adelaide, the precinct has easy access to major transport routes, with links to the national highway network, port facilities and the Adelaide-Darwin rail line. The precinct is ideally suited to defence manufacturing companies and has a range of fully serviced, large allotments for development.

Home to BAE Systems Australia's head office and the Edinburgh Defence Precinct, Edinburgh Parks is at the centre of the Department of Defence's state presence.

https://renewalsa.sa.gov.au/commercial_leases/edinburgh-parks-2/

Parafield Airport Ltd

Located 18 kilometres north of the Adelaide CBD, Parafield Airport was first used as an "all over" aerodrome in 1927, then supported the RAAF during World War II as a Flying Training Unit. It was Adelaide's main airport until 1955 until the opening of Adelaide Airport. Parafield Airport is owned by the Federal Government and leased to Adelaide Airport Limited.

Today, Parafield Airport continues to be the principal general aviation and pilot training airport in South Australia, and is home to a comprehensive range of aircraft and helicopter servicing and maintenance operators, flight training operators, and retail and commercial activity within its Business and Commercial Business Precinct.

Parafield Airport offers many opportunities to develop aviation, retail and other businesses.

<https://www.parafieldairport.com.au/about-us>



BAE SYSTEMS

"At BAE Systems Australia, our advanced defence technology protects people and national security, and keeps critical information and infrastructure secure.

For 65 years we have searched for new ways to provide our customers in Australia with a competitive edge across the air, maritime, land and cyber domains. We're proud to have our headquarters in a major defence and technology precinct within the City of Salisbury."

Gabby Costigan
Chief Executive
BAE Systems Australia

Salisbury's defence and space timeline



2010
Army elements began relocating to RAAF Base Edinburgh, beginning with the reformation of 7th Battalion, Royal Australian Regiment (7RAR)

2010
Techport Australia (Common User Facility and Maritime Skills Centre) based in Osborne was completed with operations beginning in April 2010. This formed a part of the project to construct the Air Warfare Destroyers for the Royal Australian Navy. Ownership was transferred from the South Australian Government to Australian Naval Infrastructure Pty Ltd in May 2017 and is now known as the Osborne Naval Shipyard

2017
1 Armoured Regiment transferred to RAAF Base Edinburgh

2020
Current works are widespread and are emphasised by the construction of infrastructure and facilities to support the P-8A Poseidon maritime patrol aircraft

2021
A large base-wide project will commence to refresh power, water, sewer and stormwater infrastructure

2022-25
AIR555 aircraft deliveries to RAAF Base Edinburgh

2021-24
AIR555 Phase 1, Airborne Surveillance Reconnaissance and Electronic Warfare Facilities Project (RAAF Base Edinburgh)

1982
Technology Park in Mawson Lakes was officially opened

1978-81
New facilities at RAAF Base Edinburgh were built, which are now being replaced by AIR 7000 re-development

2020+
Major construction projects will continue into the next decade to support Army armoured fighting vehicles and planned Air Force capabilities such as the MC-55A aircraft

2004
Torpedo Systems Centre and Maritime Experimentation Laboratory opened at DSTO Edinburgh

2009-10
Major garrison support facilities were constructed, as were facilities for Army and joined units relocated to RAAF Base Edinburgh

1994
Institute of Telecommunications Research opened at UniSA Mawson Lakes Campus

1978
Weapons Research Establishment reorganised to become Defence Research Centre Salisbury with four laboratories - Weapons Systems Research Laboratory, Electronics Research Laboratory, Trials Research Laboratory and Advanced Engineering Laboratory

1997
DSTO Salisbury complex rationalised and new ESRL Headquarters (incorporating the Knowledge Systems building) officially opened

1936
Parafield Airport used by the RAAF as a Flying Training Unit during World War II

1942
A munitions plant, the largest in the southern hemisphere, was established producing a wide variety of explosives for ammunition such as shells, rockets, mines and torpedoes

1949
Three new laboratories formed in Salisbury - High Speed Aerodynamics Laboratory, Propulsion Research Laboratory and the Electronics Research Laboratory, collectively known as the Chemistry & Physics Research Laboratory

1954
22nd March - RAAF Base Edinburgh was formally opened by his Royal Highness Prince Philip, Duke of Edinburgh

1968
May - the first of three P-3B Orion aircraft arrived at RAAF Base Edinburgh with 11 Squadron completing its move from RAAF Richmond in June 1968

1975
Decision to establish a Maritime Patrol Wing, called 92 Wing, comprising both the 11 Squadron and moving the 10 Squadron with the new AP-3C aircraft from Townsville to Edinburgh

1927
Parafield Airport first used as an "all over" aerodrome

1940
Land now housing the Edinburgh Defence Precinct was purchased by the Commonwealth Government to build a munitions factory

1947
Long Range Weapons Establishment formed in Salisbury, South Australia to support guided weapons facility at Woomera

1953
Construction began on the new RAAF Base Edinburgh

1955
Long Range Weapons Establishment and all the Salisbury laboratories amalgamated to form the Weapons Research Establishment

1970
Late 70's - the RAAF Base Edinburgh underwent major development following the decision for it to become the primary base for the RAAF's maritime capability



UniSA Mawson Lakes

Adjacent to Technology Park is UniSA STEM, and many internationally-recognised research institutes and centres including:

- *Future Industries Institute*: UniSA's flagship engineering sciences research institute.
- *Institute for Telecommunications*

Research: is one of Australia's most significant research groups in the area of wireless telecommunications. Spanning a broad segment of the research and development spectrum, from foundational mathematics and signal processing right through to hardware, software and firmware development, successful product

licensing and spin-off companies.

- *Advanced Computing Research Centre*: is an integral part of UniSA's School of Information Technology & Mathematical Sciences. The Centre has relationships and links with prominent Australian and international IT organisations

including BAE Systems Australia Ltd, Department of Education, Science and Training, Sun Microsystems Australia Pty Ltd, as well as universities from all over the world.

- *Defence and Systems Institute*: is part of UniSA's world class School of Engineering. The Institute conducts research in the design, integration, and modelling of complex defence and engineering systems. It has research programs in autonomous and unmanned systems, exploitation of biology for sensing systems, micro air vehicles, acoustic propagation, tomography, multi-user/multi-vehicle autonomy, creativity/innovation, and systems engineering competencies.
- *SmartSat CRC*: The SmartSat CRC, co-located at the Institute for Telecommunications Research, is a consortium of universities and other research organisations, partnered with industry that has been funded by the Australian Government to

develop know-how and technologies in advanced telecommunications and IoT connectivity, intelligent satellite systems and Earth observation next generation data services.

- *Industry 4.0 Testlab*: set up to demonstrate Industry 4.0 methodologies and practices and includes practical laboratory-based capabilities and a pilot scale manufacturing demonstration. The Testlab has a particular focus on the defence sector, and is also highly relevant to the space, mining, electronics, food and agriculture, and automotive industries.

UniSA Mawson Lakes Campus is also home to the Adelaide Planetarium and the annual Southern Hemisphere Space Studies Program in partnership with the International Space University.



University of
South Australia

"UniSA is playing a lead role in building Australia's defence and space industries. We support the Department of Defence and defence industry through our teaching and research. We're playing a key role in Australia's biggest investment in space industry research and development at the SmartSat Cooperative Research Centre, and we're home to the Southern Hemisphere Space Studies Program.."

Professor Julie Mills
Executive Dean of UniSA STEM

Recent commitments

- Raytheon Australia's Centre for Joint Integration (LAND19 Phase 7B) built at Technology Park
- Lockheed Martin announced as combat systems integrator for the Attack Class and will be responsible for integrating the AN/BYG-1 Combat Control System
- BAE Systems secures \$35 billion Hunter Class Frigates Program
- Lockheed Martin selected to provide its Aegis weapon system for Hunter Class Frigate Program
- UniSA's Future Industries Institute based at Mawson Lakes have partnered with NASA to develop sensors to monitor human health in space
- Airspeed won an export opportunity to supply the UK's Type 26 frigate program, and will design and build the RASSM for the UK
- Electronic warfare company DEWC Systems tests its technology for the Royal Australian Air Force at the Southern Launch facility
- BAE Systems Australia chose SAAB Australia and Lockheed Martin Australia to help develop the combat system for the Hunter Class Frigates
- YourDC secures contract from Naval Group Australia to store Future Submarines data



Speedcast, Mawson Lakes

Fast facts

The case for Salisbury

- Home to one of Australia's most concentrated defence establishments on geographical area, number of staff and units. (a Gig City site), Mawson Lakes, Parafield Airport and Salisbury South.
- Excellent transport and logistics infrastructure that services national and international markets.
- One of the lowest council rates in Adelaide for industrial land and commercial property.
- Access to affordable, fully serviced industrial land areas including Edinburgh Parks, Technology Park
- Serviced offices are readily available, providing cost effective accommodation for project-based contracts.
- A strong skills base to draw upon.
- Competitive rental costs which are lower than the greater Adelaide average.
- Close proximity to the Osborne Naval Shipyard, the nation's premier naval industry hub.



Defence, Space and Cyber industry businesses that call the City of Salisbury home:

- Airborne Research South Australia
- Airbus Defence
- Airspeed
- Austest Laboratories
- BAE Systems Australia (Head Office)
- Boeing
- CEA Technologies
- Codan Ltd (Head Office)
- CSC
- Daintree Systems
- Daronmont Technologies
- DEWC Services
- General Dynamics Land Systems Australia
- Haulmark Trailers
- L3 Harris Technologies
- Lockheed Martin
- Mincham Aviation
- Northrop Grumman
- Nova Systems
- QuinetiQ
- Raytheon Australia
- Rapier Electronics
- Saab Australia (Head Office)
- Silentium Defence
- Solinnov
- Speedcast
- Ultra-Electronics Avalon
- VeroGuard Systems
- YourDC

Supporting businesses:

- Aero Service
- Aerotech Maintenance
- Aircraft Electrical Services
- Gulfstream Aviation
- National Aerospace Corporation
- Riverina Airmotive



SAAB

"The decision to locate the company in the Salisbury area over 30 years ago was an easy one given the presence of other major defence contractors as well as defence agencies such as DST Group. It provided excellent access to a skilled workforce and gave our staff a relaxed working environment with plenty of opportunities for growth. In 2002, we opened our advanced technology facility in the area and we have since grown our local workforce to over 350 people. We look forward to continuing our strong relationship with the Salisbury area."

Andy Keough
Managing Director
Saab Australia



P-8A Poseidon, Department of Defence

How we can help you?

City of Salisbury staff can work closely with you to make your investment decision as smooth as possible.

Our services are free and confidential and include:

- Site selection support
- Free customised tours of our business precincts
- Introductions to potential local suppliers, customers and business networks
- Statistics, facts and information to help you assess the business case for Salisbury
- Efficient and quick planning approvals which is recognised by the property industry
- Links and introductions to Government agencies and Research and Development Centres
- Help to establish and grow your workforce
- Small business advice and assistance



Join the next phase of South Australia's future.



"YourDC is South Australia's only Rated 3 data centre. We secure our customers' businesses and keep them operating 24/7 through all manner of events. YourDC chose to locate in the City of Salisbury because of the infrastructure here - plenty and affordable power as well as all the telco fibre running straight past our data centre.

Since moving here we have been shocked by the level of support we have received from the Salisbury Council. They listen to anything we ask and they get things done with lightning speed. Their level of service is first rate by private sector standards. Even the Mayor and Elected Members took on a pilot building upgrade scheme so we could put large scale solar generation on our roof. Our experience in Salisbury has been nothing but positive."

Scott Hicks
CEO
YourDC



It makes sense to act now.

Sector specific business information is available on our website for:

- Food and Beverage Processing
- Knowledge Intensive
- Manufacturing
- Mining Services and Supplier
- Logistics
- Community Services
- Health



download your BUSINESS CASE | www.investsalisbury.com.au

Developed in partnership with industry they clearly articulate the advantages of doing business in Salisbury and include:

- Facts on sector strengths
- Local businesses views on the benefits of doing business in Salisbury
- List of local businesses and suppliers
- Maps of relevant infrastructure

Visit our website or call the Economic Development Team today to discuss your business requirements.

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