

Digital Decisive Advantage

Trusted and secure data enabling information dominance



Atos

Four critical success factors for the digitalisation of defence

Successful digital transformation depends on four key factors: sovereign capabilities, excellence in integration, the frictionless flow of data along the chain of command, and the ability to combine the best in sustainable civilian and military technologies.

Sovereign capabilities

Atos leverages its sovereign industry capabilities in civilian and military technologies. Based on agile methodology, Atos puts customers at the heart of its projects with the objective of offering sovereign solutions and products that are built and developed in Australia. Sovereign industry capabilities in civilian and military technology including Artificial Intelligence; Missile Defence Systems; Information Warfare and Cyber Capabilities will help to build a robust, resilient and internationally competitive defence industry in Australia.

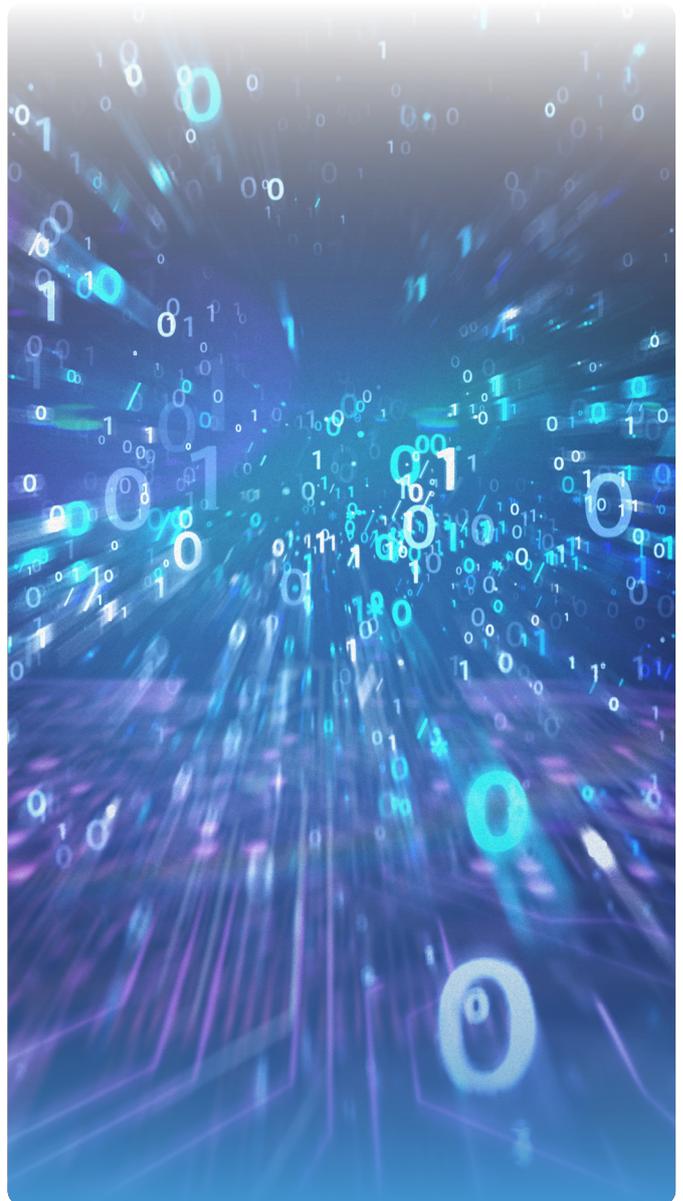
Atos is committed to build and develop sovereign solutions and products in Australia to support the Australian Defence Force and to participate in providing a long-term employment to Australians in new technologies. Atos invests in the people that will shape the future of the industry. AMPS7, an Australian Made Asset Management and Planning System is a good example of it. Atos has developed and continues to reinvest in cloud-based secure solutions in support of the Australian Industry Capability. When technology, infrastructure and IP are designed and built for purpose and locally, it gives full control of servicing for the Commonwealth of Australia.

Atos develops scalable solutions that combine robustness and performance, agility and scalability, sovereignty and security: the 'right tool for the right mission'.

Technology must free up operational actors to make the right decision at times of high intensity, which is why Atos invests know-how into simplifying complexity and designing easy-to-use interfaces.

Digital technology requires multidisciplinary expertise, which Atos has developed over several decades as a core partner for delivery of strategic projects for many countries and armies. Particularly when it comes to defence, innovation for innovation's sake is not enough ; innovation has to serve operational and information superiority. To this end, Atos is taking advantage of its expertise in High Performance Computing (HPC), Quantum Computing, Big Data and Artificial Intelligence to develop intelligent and intuitive high-tech systems for the military. Although digitisation serves to enhance the superiority of military systems, it also brings with it cyber risks. With 5,000 cyber security experts, Atos is leveraging this expertise to develop systems that meet the cyber security requirements of the armed forces.

Combat-proven, sovereign, reliable and sustainable, Atos solutions are firmly focused on the future and the response to the era of digital transformation.



System integration

If the digitalisation of forces is a major objective for modern armies, the ability to integrate disparate systems is a pre-requisite.

Atos has recognised expertise in leading large-scale projects involving numerous partners and systems. Unlike other major defence partners, Atos acts as an independent integrator to guarantee cost savings, durability of hardware and software solutions and sustainability of defence and business ecosystems.

This approach is based on the use of civilian best practices, including agility, infrastructure versatility, standardisation and the creation of common components to reduce project time and cost.

Frictionless dataflows

Atos leverages its expertise in big data, analytics, AI and machine learning to transform the data into knowledge, and to create predictive models. Ultimately, this is about providing actionable intelligence to the right person at the right time in the right way, making best use of visualisation, temporal analysis and predicting likely future events.

This expertise in IoT is combined with a proven ability to adapt to very different network conditions, but also to actively interface strategic and tactical level systems in order to usefully serve the OODA loop (observation, orientation, decision, action) for greater reactivity and understanding of the environment by combat actors.

At the same time, Atos provides increased protection against cyber threats, which can cripple forces' capabilities, increase the 'fog of war' or give the enemy access to confidential information. While essential for boosting military efficiency, cyber-technologies are also leveraged as weapons, as many recent and highly sophisticated cyber-attacks have shown. Cybersecurity has become a critical strategic domain for warfare, where armies must prepare. Cyber space and critical technologies will help build a safe, secure and prosperous Australia.

Sustainability

To understand, manage and minimise armed forces environmental impact, Atos delivers tailored solutions and services. Delivering a sustainable estate across Defence maritime, land and aerospace areas, activities and operations will be key in Australia in years to come. Minimising future pollution risks while managing existing contamination risk and improving the efficiency of Defence's resource consumption can be made possible thanks to digital technologies such as IoT, Artificial Intelligence and analytics.

Leader for sustainability in digital services and technologies, Atos is helping government agencies to make a difference in the race to net-zero. Atos' Decarbonisation Center of Excellence guides organisations to reduce carbon in core digital and business processes, from supply chains optimisation to energy efficiency of assets.



About Atos

Atos is a global leader in digital transformation with 109,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high performance computing, the Group provides tailored end-to-end solutions for all industries in 71 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea), listed on Euronext Paris and included in the CAC 40 ESG and Next 20 Paris Stock indexes.

The [purpose of Atos](#) is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

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Let's start a discussion together



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