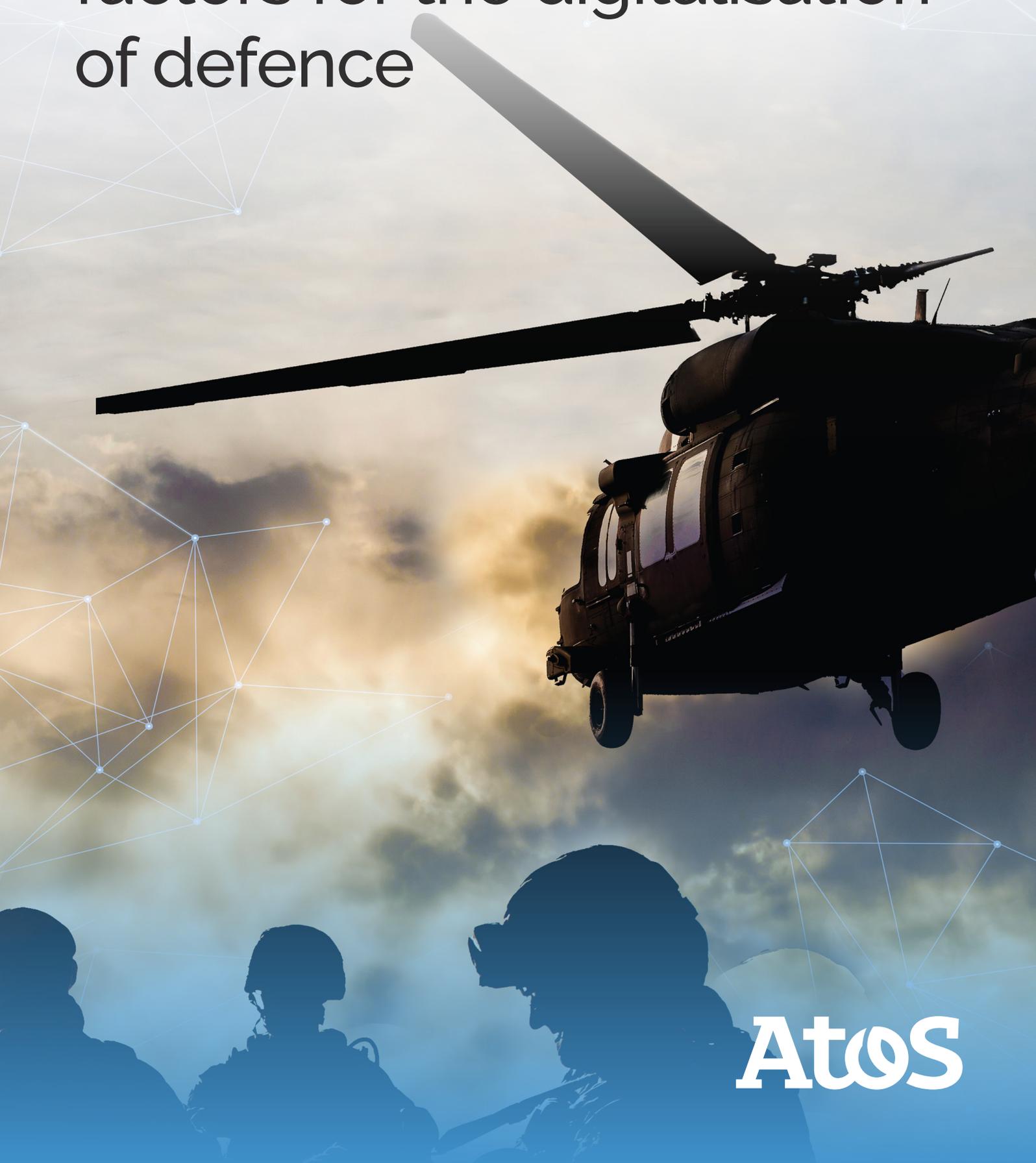


Three critical success factors for the digitalisation of defence



Atos

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

System integration

If the digitalisation of Forces is a major objective for modern armies, the ability to integrate disparate systems seamlessly is a pre-requisite, including the requirement to close any skills gaps in relation to digital technologies and data.

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

This approach is based on enhancing and combining military practices with hard-won experience and expertise gleaned from civilian engagements; these include a focus on agility, infrastructure versatility, standardisation and the creation of common components to reduce project time and cost.

We also ensure that there is concerted change management to engage users, drive user adoption and ensure that Armed Forces, and others throughout the value chain, develop the necessary skills and knowledge to use digital systems and data effectively to deliver mission outcomes.

Frictionless dataflows

With integration expertise comes the ability to efficiently move data up and down the chain of command. To achieve this, Atos leverages its expertise in enabling the different temporalities of combat, with tools specific to reflex time and thinking time, thus preserving the time advantage over adversaries.

This expertise in time management is combined with a proven ability to adapt to very different network conditions. It also creates active interfaces between strategic and tactical level systems in order to contract the OODA loop (observation, orientation, decision, action) for greater responsiveness, reactivity and understanding of the combat environment.

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. In the UK, the MoD is building its Digital Backbone to

enable friction-free access to data by connecting sensors, effectors, decision-makers and partners across domains. This will enable rapid exploitation of that data using increasingly sophisticated tools – such as automation, AI, autonomous vehicles, virtual reality, synthetic environments and quantum computing – for faster, data-driven decisions and improved operational and corporate outcomes.

In addition, Atos provides increased protection against cyber threats, which can neutralise Forces' capabilities, increase the 'fog of war' or give the enemy access to confidential information.

Confidentiality, availability and integrity of data and communications systems are ensured by establishing flexible communities of interest, depending on the evolution of the mission.



Expertise in civilian and military technologies

Atos has significant expertise in civilian and military technologies including Auxylium and SICS systems in France and in addition, the 'transparent battlefield' for the Bundeswehr in Germany.

Based on agile methodologies, Atos puts customers and operational staff at the heart of its projects with the objective of delivering scalable solutions that combine robustness and performance, flexibility and scalability, sovereignty and security, in other words, the 'right tool for the right mission'. Technology must enable operational commanders to make the right

decision at times of high intensity; this is why Atos focuses on and invests in 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 Armed Forces. Combat-proven, sovereign, reliable and sustainable, Atos is firmly focused on the future providing a best-in-class response to the era of digital transformation.



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In the UK, Atos has delivered HYDRA, a data-driven geospatial analytics platform to provide the British Army with a high-performance decision support solution; this is based on the integration of best-in-class products to provide enhanced situational awareness. The platform automatically collects, ingests and analyses multiple data sources across different organisations, Government Departments and official statistics. It generates mission-configurable views for data-driven decision support at all levels, from senior commanders to in-field liaison offices and deployed assets. This high-grade intelligence gives military commanders greater situational awareness to make critical decisions in support of operations and exercises including the MOD's contribution to the national response to the pandemic and, ultimately, to save lives.

About Atos

Atos is a global leader in digital transformation with 105,000 employees and annual revenue of over € 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 operates under the brands Atos and Atos|Syntel. Atos is a SE (Societas Europaea), listed on the CAC40 Paris stock index.

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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