

A high-angle, close-up photograph of an F-35 fighter jet in flight. The aircraft is shown from a three-quarter rear view, highlighting its stealthy, angular design. It is flying over a vast expanse of white, fluffy clouds against a clear blue sky. The lighting is bright, suggesting a high-altitude environment.

ORACLE

Oracle for Defense and Intelligence

**Accelerate your mission
with enterprise-to-edge
decision advantage**

In an era of rapidly changing technology, it's more critical than ever to outpace adversaries. Learn how defense and intelligence organizations can fast-track decision-making for mission execution with Oracle's competitive pricing, superior performance, and enhanced security.



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4 key challenges facing defense and intelligence organizations

While defense and intelligence organizations around the world have unique missions, they are united in global challenges that are evolving at an unprecedented pace. Shared challenges include rising geopolitical tensions, national security threats, active military conflicts, the exponential growth of data volume and variety, and rapid advancements in technology such as generative AI.

These challenges can be grouped into four main categories:

1

Modernization and innovation

The US Department of Defense (DOD) and Intelligence Community (IC) have a significant number of custom-built and highly complex legacy architectures that are difficult to align to strategic transformation initiatives. For multicloud modernization efforts, there is a need to connect disparate systems and build better tools for comprehensive situational awareness. Communication stovepipes, data silos, and antiquated processing capabilities across separate information systems make the analysis of big and fast-moving data extremely challenging.

2

Data deluge

Defense and intelligence organizations have some of the largest data stores in the world, and this data continues to proliferate at exponential rates. Adding to that complexity, highly sensitive data must be safeguarded with advanced security, governance framework, and policies—all while maximizing its value and minimizing offline data transfer. Processing more data comes at a greater cost, and this cost also increases with the added compute resources required for generative AI. The mismatched data created by siloed HR, finance, and operations systems further complicates this process, making it difficult to gain the complete visibility and accurate information required to make crucial decisions quickly. These challenges can leave agency leaders wondering “where do I even begin?”

3

New cyber threats

Mitigating threats has always been a top priority for defense and intelligence agencies, but recent advances in AI have led today’s cyber threats to evolve with a sophistication and speed that has never been seen before. This presents new challenges from adversaries. Leaders need to proactively identify and nullify threats using advanced tools, rather than reactively mitigating them with a specialized workforce or substandard technology. To accomplish this—and ultimately keep their countries safe—these leaders must first identify and adopt the right cloud technologies using a zero trust security model.

4

Workforce recruitment and retention

Defense and intelligence organizations face the challenge of attracting new talent, developing new skills within their workforce, and continuing to engage professionals who are eager to serve their nation. These organizations must build and retain a resilient, agile, and diverse workforce that can compete with the private sector. Unfortunately, many federal agencies struggle with lengthy, overly manual HR processes that span multiple disconnected systems, preventing them from identifying the unique career development needs of their employees. There is also additional pressure on agencies due to workforce retirements, the need to reskill personnel to adopt new technologies, and recent executive orders focused on the safety of the federal workforce.



What success looks like in defense and intelligence missions

- **Effective mission delivery** through modern IT systems, including cloud infrastructure with updated architecture and connected cloud applications.
- **Successful fulfillment of multicloud mandates** through an interoperable and flexible cloud, with shapes that fit data-intensive and compute-intensive mission workloads.
- Ability to efficiently **harness and gain insights** from multiple data sources, accomplished using a modern data platform and AI-powered cloud applications.
- **Lowered cost** of both overall technology debt and high performance workloads to achieve mission advantage.
- Uninterrupted **mission operations** at the tactical edge, even with limited edge-to-cloud communications.
- **Anticipation of cybersecurity breaches** before they occur, adhering to government zero trust requirements.
- Maintaining **trusted data and AI/ML models** that improve the quality, reliability, and representativeness of data sources and processing.
- Reduced offline data transfer through **improved network reliability**.
- **Better recruitment and retention** of top talent and consistent integration of personnel records.

Our complete cloud suite for success in mission delivery










The DOD and IC strategically partner with Oracle to securely collect, process, analyze, and disseminate data and applications across the enterprise. Powered by embedded AI/ML, Oracle US Government Cloud—designed and built for mission-critical operations—supports open cloud and data standards with an architecture built to align to specific classification requirements. In addition, the Oracle Cloud Applications suite lets government agencies modernize, automate, and integrate their key HR, procurement, planning, and other processes.

Discover how your government agency can benefit from Oracle's latest commercial innovations, competitive pricing, superior performance, and enhanced security. With an updated cloud infrastructure and modern data platform, you can more quickly respond to threats and execute on digital transformation initiatives. At Oracle, we prioritize implementing the latest innovations to help your agency gain a competitive advantage. **Our ultimate mission is to help yours succeed.**



Oracle's solutions for defense and intelligence

Oracle Cloud Infrastructure

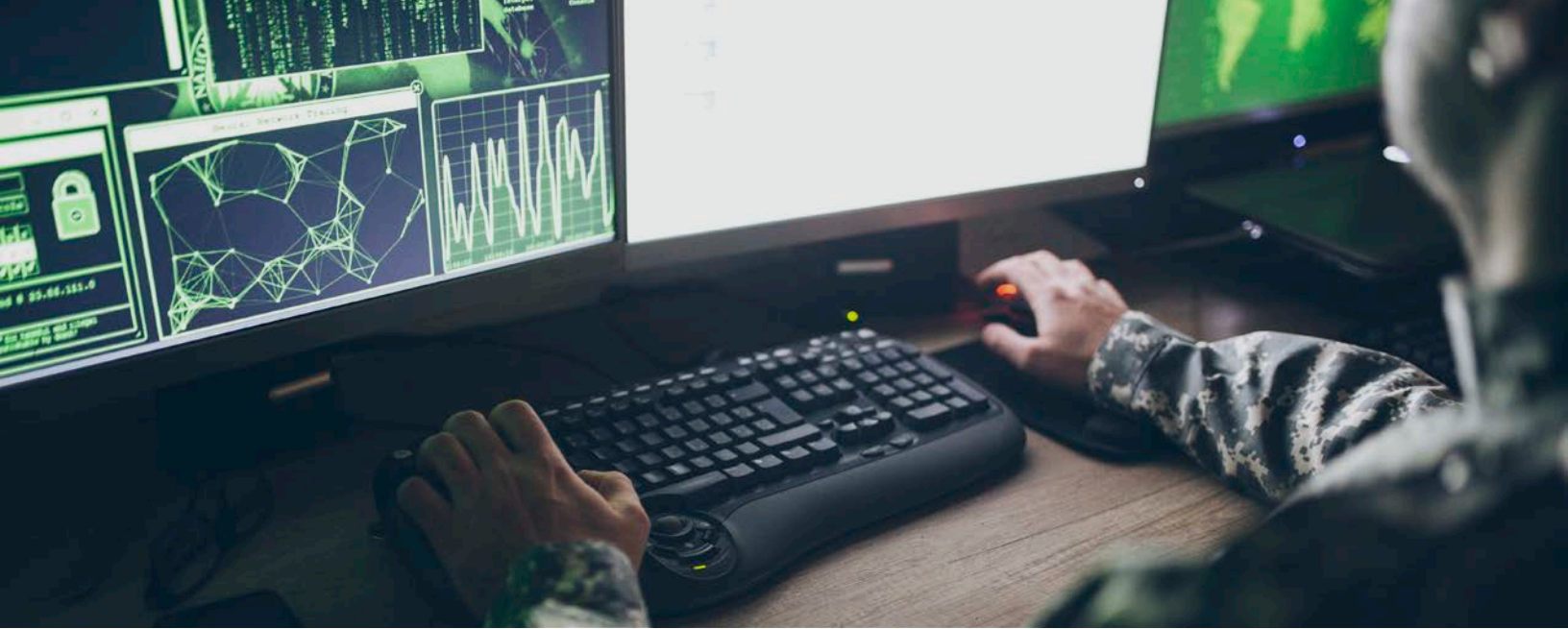
 <p>HPC/GPU Gain the performance of on-premises solutions with the elasticity and consumption-based costs of the cloud.</p>	 <p>Integration Connect any application and data source to automate and centralize processes.</p>	 <p>Analytics & AI Add augmented intelligence to your applications and workloads.</p>	 <p>Security Protect your most valuable data with our security-first approach.</p>	 <p>Modern Data Platform Collect, curate, and manage all your assets on a single platform.</p>
 <p>Cloud Native Build modern cloud native apps infused with AI capabilities.</p>	 <p>Compute Get secure and elastic compute capacity in the cloud.</p>	 <p>Storage Address key use cases with on-demand local, object, file, block, and archive storage.</p>	 <p>Hybrid Cloud & Edge Access options for specialized deployment, including disconnected operation.</p>	

Oracle Cloud Applications

	Building a resilient, agile and diverse workforce	Modernizing the data platform	Mitigating rapidly evolving cyber threats	Accelerating digital transformation
Supply Chain Management (SCM)				
Oracle Fusion Cloud Supply Planning		x		x
Oracle Fusion Cloud Demand Management		x		x
Oracle Fusion Cloud Operational Planning		x		x
Oracle Fusion Cloud Order Management		x		x
Oracle Fusion Cloud Inventory Management		x		x
Oracle Fusion Cloud Product Lifecycle Management		x		x
Oracle Fusion Cloud Maintenance		x		x
Oracle Fusion Cloud Manufacturing		x		x
Oracle Fusion Cloud IoT Intelligent Applications		x	x	x
Oracle Fusion Cloud Quality Management		x		x
Oracle Intelligent Track and Trace		x	x	x
Oracle Warehouse Management		x		x
Oracle Fusion Asset Management		x		x
Oracle Transportation Management		x		x
Enterprise Resource Planning (ERP)				
Oracle Fusion Cloud Procurement		x		x
Oracle Fusion Cloud Financials		x		x
Oracle Fusion Cloud Project Management	x	x		x
Oracle Aconex for Defense		x	x	x
Oracle Fusion Cloud Subscription Management		x		x
Enterprise Performance Management (EPM)				
Oracle Fusion Cloud Planning, Programming, Budget & Execution		x		x
Oracle Fusion Cloud Cost Accounting		x		x
Oracle Fusion Cloud Workforce Planning	x	x		x
ESG Planning & Reporting		x		x
Human Capital Management (HCM)				
Oracle Core HR	x	x		x
Oracle Talent Management	x	x		x
Oracle Payroll	x	x		x
Customer Experience (CX)				
Oracle Marketing	x	x		x
Oracle Service & Field Service		x		x
Oracle Customer Case Management		x		x
Oracle Unity	x	x		x
Fusion Analytics				
Fusion ERP Analytics		x		x
Fusion SCM Analytics		x		x
Fusion HCM Analytics	x	x		x
Fusion CX Analytics		x		x

For the national security community, various products are available in different security domains.





Defense and intelligence organizations benefit from the power of Oracle Government Cloud

As DOD and IC leaders build new technology ecosystems, these systems must be designed to deliver operational advantage, granting ready access to relevant and timely information. They need to provide an enterprise-wide view of data and information from all sources, as well as the ability to analyze and operationalize that data in real time for decision advantage in regional and deployed environments. The right cloud platform can help your agency establish a decision advantage and maintain vigilance against ever-evolving threats while balancing cost and time-to-mission pressures.

The US government has granted Oracle Cloud an authority to operate (ATO) for classified workloads, providing defense and intelligence organizations with a unique opportunity to leverage the latest commercial innovations and implement higher performance cloud capabilities with more favorable economics across classification levels. Oracle Cloud provides a highly secure and resilient cloud infrastructure that supports a range of classification levels around the globe. For the DOD, Oracle offers cloud capabilities to support Joint Warfighting Cloud Capability (JWCC) with Defense Information Systems Agency (DISA) Impact Level 6 (IL6) authorization.

With dedicated cloud regions to support government and defense missions, Oracle offers cloud deployment models to meet a wide range of regulatory needs and security standards—all with a commitment to bring the same, consistent global pricing as Oracle's public cloud regions. These government regions are physically isolated from Oracle's other cloud regions, providing a highly secure, hyperscale cloud that delivers innovation and resilience.

Secure, compliant, and cost-effective cloud infrastructure

Oracle US Government Cloud is a [FedRAMP High–accredited](#) cloud built to meet mission-critical workloads. With containers, VMware, AI, and more, governments can migrate, modernize, build, and scale IT without re-architecting or sacrificing control and visibility. Additionally, this secure foundation allows agencies to address security responsibilities in the cloud and enable a zero trust security architecture.



“Oracle Cloud Infrastructure brings incredible performance, flexibility, security, and cost-savings benefits to our federal civilian, commercial, and higher education customers. Mythics’ DOD customers will now be able to leverage Oracle Cloud to better serve the unique requirements of the DOD at home and abroad.”

Paul Seifert
CEO, Mythics, Inc

Oracle service availability for defense and intelligence

Migrate, build, and run all your IT with Oracle services from [48 public cloud regions across the globe](#) as part of our [distributed cloud](#). Oracle offers separate cloud regions for use by the US, UK, and Australian governments and their service providers. These government clouds provide world-class security and compliance with consistently high performance, and both service and rate parity with Oracle’s commercial cloud regions.

- [Oracle Compliance Program DISA and FedRAMP Authorizations](#)
- [Oracle US Government Cloud](#)
- [Oracle UK Government and Defence Cloud](#)
- [Oracle Australian Government and Defence Cloud](#)

All Oracle Cloud services are expected to be available in Oracle government regions after appropriate certification, except for certain services that are specialized or incompatible with certification criteria.

[View all service availability in government regions](#)

45+

Global public cloud regions for commercial, sovereign, and government customers

24

Countries with dedicated regions to run all Oracle Cloud services within customer data centers





Oracle National Security Regions

Oracle National Security Regions are the Oracle Cloud solution for customers who need a proven cloud platform for classified, mission-critical workloads—one that provides high performance and enhanced security at a competitive price. Completely isolated from the internet, these air-gapped regions securely deliver IaaS, PaaS, SaaS, and marketplace services, while enabling mission owners to secure classified data, remove data silos, and drive innovation.

National security customers can take advantage of Oracle Cloud Infrastructure's performance offerings including high performance native remote direct memory access (RDMA), HPC clusters with RDMA, fast storage I/O, and in-memory database technologies. These offerings can improve performance so that workloads deployed on Oracle Cloud Infrastructure require fewer compute servers and block-storage volumes—which, in turn, can lower overall cloud costs.

The nonblocking architecture of Oracle's next generation cloud infrastructure not only helps minimize latency, but can also help reduce cyber threats. Furthermore, it's bolstered by the industry's most complete, financially backed, end-to-end SLAs. These high performance superclusters are ideal for training generative AI for conversational applications and diffusion models, among other uses. With support for [up to tens of thousands of NVIDIA GPUs](#), Oracle Cloud compute bare metal instances and VMs can power applications for computer vision, natural language processing, recommendation systems, and more.

Why choose Oracle US Government Cloud?



Consistent, simple, and competitive pricing: The pricing of Oracle US Government Cloud is competitively low and globally consistent, where the cost for a compute or storage service is consistent across all regions to simplify adoption. We designed core cloud capabilities such as security and container management to be included in the cost of compute, rather than an add-on charge.



Data-friendly network: Instead of charging exorbitant egress fees, Oracle Cloud offers 10 TB of free data egress every month and up to 10X lower data egress charges than other providers¹.



Cloud native app building: While Oracle Cloud is designed to support enterprise applications, the same innovations in networking, compute, and storage make the development of cloud native applications more performant, resilient, and scalable.



Security built in by default: In most public clouds, an application is built, then—as it grows larger and more functional—security is bolted onto the application and the services that run it. We've incorporated security into the core experience of your application build or migration, and made most of our security tooling free as part of your building environment.



Powerful, cost-effective computing capabilities: High performance computing on Oracle Cloud offers the potential to scale tens of thousands of cores simultaneously and on demand, with high-frequency processors, fast and dense local storage, high throughput, and the tools to automate and run jobs seamlessly. Bare metal servers and advanced digital twin modeling capabilities power complex defense and intelligence missions to scale at flat prices.



Simplified, streamlined data platform: Oracle Modern Data Platform dramatically simplifies the end-to-end data lifecycle and delivers insights faster. Gain greater control over your data with a single platform that helps you collect, curate, and manage all your assets. Plus, you can enrich your data with embedded intelligence, leveraging the latest AI innovations to surface insights directly within the apps that support your key agency functions.

¹ Public data comparison as of January 2024.



AI innovations on a best-in-class AI infrastructure: Our comprehensive AI services and state-of-the-art generative AI innovations run on our AI-powered cloud infrastructure. Build, deploy, and manage solutions that contribute to an intelligent mission enterprise, automating operations and helping your organization make smarter decisions. Our AI approach gives you control of data security and governance, so only you can access the model trained on your data.



Robust edge infrastructure: Oracle Roving Edge Infrastructure accelerates deployment of cloud workloads outside the data center. Ruggedized devices deliver cloud computing and storage services at the edge of networks and in disconnected locations, allowing faster processing close to the data source and enabling faster insights into the data.

Oracle is the leading vendor in price-performance

No one—government agencies included—wants to be locked into one cloud provider contract or one specific technology. As such, Oracle significantly reduces or eliminates egress fees and does not hold customer data hostage. Unlike other cloud service providers that charge more for government cloud regions, Oracle Cloud offers government entities the same cloud services [consumption pricing](#) as our public region offerings, with no increase for higher security classification environments. We also offer committed use discounts, software license portability, and support rewards for Oracle US Government Cloud consumption.

Consistent global pricing:

Oracle Cloud provides a consistent pricing experience in every region worldwide, including government regions.

Same cost as commercial cloud:

Oracle Cloud government regions offer the same prices as our commercial public cloud while meeting DOD IL6 and FedRAMP High authorization standards.

Do more with less:

Oracle's analytics and AI capabilities use high performance computing (HPC), to optimize performance and scale for the most demanding workloads at a lower cost.



Elevate your decision advantage with Oracle Cloud Applications

To enable the highest readiness posture of their forces, operational planners, warfighters, and military decision-makers need access to real-time, actionable data for dependable mission execution. That makes modernizing old systems and transitioning to the cloud with a unified data model a crucial part of your organization's digital transformation strategy.

For the DOD, the complete, connected suite of Oracle Cloud Applications—including [enterprise resource planning \(ERP\)](#), [enterprise performance management \(EPM\)](#), [human capital management \(HCM\)](#), [customer experience \(CX\)](#), and [supply chain management \(SCM\)](#)—delivers interoperability and continuous innovation across the entire mission. These applications contain all the functionality needed for critical missions, plus built-in cybersecurity capabilities. For the national security community, various products are available in different security domains.

900,000+

Civilian employees in the DOD who are supported by Oracle HCM

Oracle's applications optimize composability and leverage data in a unified data model, and can also integrate data from legacy applications using published REST APIs. By applying automation, AI, and ML across all business functions, our applications can help defense and intelligence organizations reduce human error, automate processes, mitigate risks, obtain better operational insights, and deliver personalized recommendations to warfighters and staff.

Combining integrated cloud applications with analytics and AI is a winning strategy to support better decisions and more agile workflows. Oracle Cloud Applications also serve as a digital mission partner, allowing agencies to move critical operational data from a unified data model to external data lakes for further analysis and modeling via third-party AI and ML tools.





Recruit, develop, and retain top-tier talent: The recruitment, retention, and reskilling of your workforce is a top priority to promote higher-value service delivery. Federal HR professionals require robust systems to modernize the workplace and help ensure effective, efficient mission completion. Oracle [HCM](#) establishes a single source of truth for HR data with a consistent experience across devices to help engage service members, attract the best candidates, and improve workforce management.



Ensure supply chain resiliency: Support mission execution by leveraging AI, ML, and IoT to translate data into actionable insight. Oracle [SCM](#) connects your supply network with an integrated suite of cloud business applications that can be extended to operate in remote areas, so you can transmit information securely once a reliable SATCOM signal is established.



Provide audit-ready fiduciary management: The finance, operations, and personnel data that warfighters and military decision-makers use can also be subject to auditing. As such, the finance team should intelligently automate routine tasks that are resource-intensive, verify that their data is accurate, and ensure that the team's end-to-end processes are fully auditable. With Oracle [US Federal Financials](#), organizations can overcome resource constraints, increase evidence-based decision-making, and accelerate responsiveness to provide better services that benefit taxpayers and meet digital modernization goals.



Scenario plan to conquer complexity: It is crucial to scenario plan your budget against various situational factors, with tools to support the entire planning, programming, budgeting, and execution process. Oracle [EPM](#) provides prebuilt financial intelligence for sophisticated what-if modeling and scenario planning against various situational factors that impact missions.



“Oracle offers cloud solutions to the government that give them access to the same services as commercial companies, multicloud options, and they don’t increase the price based on their increased security and compliance requirements.”

Rand Waldron

Vice President, Global Government Sector, Oracle

Next steps to move missions forward

Discover how Oracle's cost-effective infrastructure and applications bring the best commercial cloud technologies to your agency.

- **Bring world-class security and compliance to every task:** Oracle Cloud is available across all security fabrics—from unclassified to Secret and Top Secret.
- **Manage government workloads with cloud services:** All regions are built on the same infrastructure, so you have a consistent experience when you build low and deploy high.
- **Expect high performance and consistent pricing:** Benefit from our Everything Everywhere® commitment to deliver our IaaS/PaaS/SaaS services in all cloud regions—at the same price as our public cloud.

[Explore Oracle Government Cloud](#)

- **Accelerate digital transformation with a modern back office:** Reach your digital government goals with a complete set of SaaS applications for finance, human resources, enterprise performance management, supply chain, projects, procurement, maintenance, and service.
- **Enhance the HR experience for a skilled government workforce:** Recruit and retain top talent who have a passion to serve in government with a comprehensive HCM solution designed for mobile, digital, and office environments.
- **Build a modern data platform:** Translate data from applications into actionable insight, faster.

[Explore Oracle Cloud Applications](#)



Defense and Intelligence

Oracle is a long-standing strategic technology partner of the US government. The Department of Defense and Intelligence Community use Oracle's applications and infrastructure to manage their processes and securely collect, process, analyze, and disseminate data. More than 1,000 public sector organizations worldwide currently use Oracle technologies.

[Learn more](#)

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