

Unleash the Power of the Cloud

Cloud computing underpins the delivery of digital business innovations in the most effective government enterprises. A comprehensive and secure public sector cloud strategy is a vital component for any business to execute its mission in the digital era. It is critical that government partner with providers who offer the vision and technical expertise to navigate this transition from your legacy environment to the full power of the cloud.

An effective public sector cloud strategy starts with security and empowers all members of an enterprise. It must take into account the business needs and mission of the organization and identify the cloud services and business processes to meet those needs. If migrating to the cloud is viewed as a technology refresh – replacing on-premise components with similar cloud technologies – then the agency or organization will have missed the opportunity to unleash the power of the cloud. Instead, an agency should evaluate cloud services from a mission outcome perspective, gain a clear understanding of what the cloud migration project will accomplish and the expected benefits from the migration. Simply moving things to the cloud doesn't automatically make them more efficient.

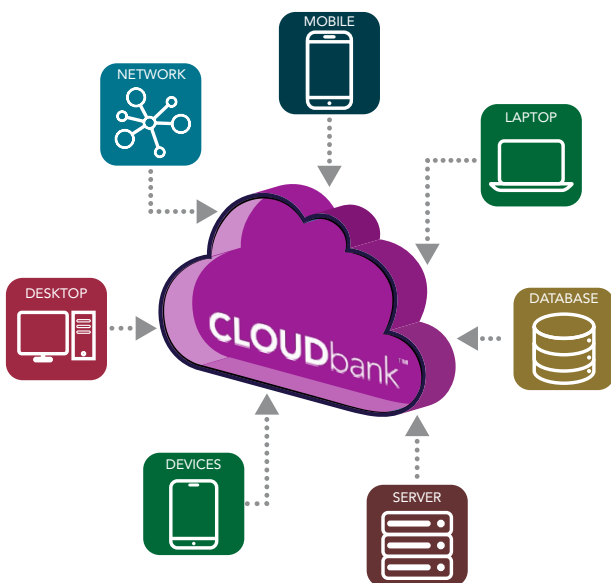
How you manage your technology needs within an ever-changing network environment will directly impact your organization's productivity, security, compliance, and operational continuity. You can:

- ▶ Centralize intelligence from internal and external sources
- ▶ Increase responsiveness, speed, and agility
- ▶ Effectively measure and communicate the success of the team
- ▶ Reduce human resource consumption

Our Approach

Leidos adopts a security-first approach to help our government customers along the entire cloud journey. Leidos designs its multi-cloud capabilities based upon Zero Trust principles, reducing the likelihood and impact of cyber incidents by eliminating the concept of trust from an organization's network architecture. Leidos cloud architects use Agile methodologies with a focus on SecDevOps to provide an integrated and standard set of tools and methods that result in reduced security risk while meeting business objectives of faster and more cost-effective project delivery.

We partner with our government customers to understand their unique missions and develop a viable cloud adoption strategy, establishing a meaningful business case supporting those missions. Furthermore we help customers assess and plan their migration, as well as help manage security costs. Our services also include portfolio discovery, application analysis, and application rationalization, to map out application dependencies and categorize the applications according to a predetermined treatment plan. With Leidos' CLOUDbank®, our expert staff offers a flexible portfolio of solutions to design a customized roadmap for your cloud migration while always protecting client data rights. We assist our customers in determining their current and anticipated Total Cost of Ownership (TCO).



Leidos cloud services also include migration, architecting an immutable infrastructure (which in the context of cloud refers to disposable components that are retained only as long as they are required) that is capable of hosting highly available (as appropriate), version traceable, testable and repeatable cloud computing resources and capabilities. Our services ensure the adoption of a transparent and sustainable account strategy, cost management and optimization approach, and a governance risk and compliance methodology that improves efficiency and security through automation.

ZERO TRUST

Zero Trust is a cybersecurity approach that moves defenses from static, network-based perimeters to focus on users, assets, and resources – in essence, it helps reduce the likelihood and impact of cyber incidents by eliminating the concept of trust from an organization’s network architecture. Whereas traditional cybersecurity practices focus on a “castle and moat” model, where security protocols concentrate on keeping threats out, Zero Trust assumes that networks could be already breached and requires continuous security validation. In 2021, the Biden administration issued an executive order mandating the adoption of a Zero Trust cybersecurity framework.

The Leidos approach to Zero Trust is holistic, encompassing every aspect of the enterprise from endpoint to application, working across all of the pillars of Zero Trust. Our Zero Trust Readiness Level assessment pairs the level of protection to the evaluated threat risk, providing a scale with which organizations can measure their readiness against increasingly advanced cyber threats. Then, we introduce game-changing technologies, such as our Policy Decision Point (PDP) Core that provides a unifying policy fabric to integrate third-party PDPs, provide analysis of policy, and implements AI/ML to improve the speed and accuracy of decision making.

Our Capabilities

CLOUD MIGRATION

The Leidos team leverages its system of systems and deep mission understanding to help government organizations determine which platforms or applications should migrate into the cloud now, and which should be part of a roadmap. Once a determination is made, we help procure, secure, and connect cloud services to your organization’s network, with automation that eliminates shadow IT from third-party providers.

DEVELOPING IN THE CLOUD

Organizations have aspirations to leverage both Agile and DevOps methodologies; however, they often struggle to accomplish this within the context of ITIL (IT infrastructure library). With over two million people trained in ITIL, it’s the industry’s closest thing to an IT management standard.

ITIL is sequential, plan-centric, deterministic, and although the framework can adjust to individual business needs and practices, it’s not considered agile. By considering Agile and DevOps within the context of ITIL, the processes can be morphed to take advantage of the methodologies’ benefits for teams and workloads when appropriate.

EDGE TO CLOUD

Analyzing data to make mission-critical decisions took days or weeks, but real-time intelligence processing is now possible with edge to cloud. Edge to cloud encompasses a distributed computing model, whereby data collection and compute operations can be conducted at the location where data is actually collected. With edge to cloud, decision making is moved to the edge where data is collected through rapid connection with the cloud, reducing the time it takes to move from threat to mission from days to minutes. And Leidos’ edge to cloud supports advanced capabilities, such as augmented and virtual reality, artificial intelligence, and machine learning, even in remote or disconnected environments, to enable rapid decision making.

SECURE CLOUD INTEGRATION

Cloud integration is the linking of information flows between cloud-hosted applications and other applications hosted in different clouds or the data center. An integration tool or platform will automate the integration process by linking to cloud, IT, and network security applications via their application program interfaces (APIs) and sending commands. Two things to consider when selecting a tool 1) compatibility of APIs used to manage traffic between cloud components 2) variety of templates available for integration provided by the vendor.

CLOUD CONNECTIVITY

Enterprise cloud connections enable the interoperability between on-premises resources and public cloud environments. Whether you are investigating AWS Direct Connect or Microsoft Azure Express Route, among others, cloud connectivity uses a variety of connection protocols to allow organizations to integrate with network, storage, compute, and even user environments. The goal is to create optimal business agility, where the business can adjust or scale according to market demand.

CLOUD MANAGED SERVICES

While traditional Managed Service Providers (MSPs) help with monitoring and maintenance, we help our customers along the entire cloud adoption journey by offering an entire spectrum of cloud services. This includes developing a viable cloud adoption strategy, assessing an organization’s legacy environment, establishing a meaningful business case that ensures value and future benefit realization, managing migration to a private, public or hybrid cloud environment, as well as ongoing maintenance and sustainment of that environment.

CLOUD BENEFITS

- ▶ End-to-end support
- ▶ Reduce infrastructure and operating costs
- ▶ Optimize operating expenditures
- ▶ Reduce capital expenditures
- ▶ Increase and improve collaboration
- ▶ Accelerate efficiency
- ▶ Increase agility
- ▶ Improve scalability
- ▶ Reduce carbon footprint
- ▶ Improve security with easy backup and recovery
- ▶ Quick deployment
- ▶ Robust vendor ecosystem

CLOUD CENTER OF ENABLEMENT

Leidos has established a Cloud Center of Enablement to leverage best practices and knowledge across the company for the benefit of increasing efficiency and building solutions that can cross customers. The center creates an ever-expanding cadre of cloud experts through new training paths, workshops, and knowledge sharing. And it fosters a culture of innovation where new advances are born.

The result of that knowledge sharing is increased efficiency, repeatability, and security for our customers. Our depth of expertise allows us to deliver and continuously evolve relevant architectures that enable customers to realize the benefits of new services as they become available. Through the Cloud Center of Enablement, we continuously assess changes in cloud market offerings and toolsets to determine how they can provide a competitive advantage for our customers.

Partnerships

Leidos partnerships enable our company to leverage cutting-edge technology from industry-leading partners and help shape the development of future capabilities to meet the public sector's unique needs.

Leidos is an Amazon Web Services (AWS) Premier Consulting Partner and a Microsoft Gold Partner delivering industry-leading public and GovCloud service offerings and is an approved provider of secure community cloud services to federal, state, and local agencies. Other Leidos cloud partnerships include our designation as a UKCloud Managed Services Provider Partner, delivering Cloud services to the UK Public Sector, as well as those with Google, Service Now, and Salesforce.

AWS PREMIER CONSULTING PARTNER

- ▶ Managed Security Services Partner Competency
- ▶ Managed Service Provider Partner
- ▶ GovCloud Consulting Partner
- ▶ AWS Government Competency (with Specialties in National Security and Defense, Public Healthcare, and Citizen Services)
- ▶ AWS Healthcare Competency
- ▶ AWS Migration Competency
- ▶ Public Safety and Disaster Response Consulting Competency
- ▶ AWS Public Sector Partner
- ▶ Authorized Commercial and Government Reseller

As part of Leidos CLOUDbank, our partnership with AWS allows you to:

- ▶ Reduce your costs – save a minimum of 10% on your monthly AWS bill
- ▶ Understand your costs – receive a simplified bill and see exactly what you're paying for
- ▶ Track costs by department – benefit from our tagging feature that allows you to see which departments in your organization are spending the most



MICROSOFT GOLD PARTNER

- ▶ Microsoft Competencies in Cloud Platform, Application Development, Small and Mid-market Cloud Solutions, and Data Center
- ▶ Authorized Commercial and Government Reseller
- ▶ Managed Service Provider

As part of Leidos CLOUDbank, our partnership with Microsoft allows you to:

- ▶ Understand your costs – receive a simplified bill and see exactly what you're paying for
- ▶ Access to POC Credits and Reserved VM Instance Pilots
- ▶ Leverage MSFT FastTrack Azure team for migration support

Gold
Microsoft Partner



PROVEN SUCCESS

Leidos incorporates industry best practices into its processes and designs and is in compliance with assurance programs: CSA, ISO 9001, ISO 27001, PCI DSS Level 1, SOC 1, SOC 2, SOC 3, FedRAMP, DoD SRG, NIST, HIPAA. We are proud to have completed more than 1,000 public and private migrations. We've successfully managed cloud projects for:

- ▶ Department of Defense
- ▶ Department of Defence (AU)
- ▶ Department of Energy
- ▶ Department of Homeland Security
- ▶ Department of Justice
- ▶ Department of the Navy
- ▶ Department of the Treasury
- ▶ Department of Transportation
- ▶ Department of Veterans Affairs
- ▶ Federal Trade Commission
- ▶ General Services Administration
- ▶ Ministry of Justice
- ▶ NASA
- ▶ National Air Traffic Services (UK)
- ▶ NOAA
- ▶ Port of Oakland, CA
- ▶ U.S. Air Force

WHY PARTNER WITH LEIDOS?

Leidos is an end-to-end solutions provider with a security-first approach and validated experience supporting your business in its cloud adoption journey – be it government, commercial, healthcare, defense, or national intelligence. We specialize in creating unique, innovative, secure, and sustainable industry-leading solutions. With Leidos' CLOUDBank managed services, our expert staff and real-world experience make us the trusted partner for your cloud initiatives. Our depth of expertise allows us to deliver and continuously evolve relevant architectures that enable customers to realize the benefits of new services as they become available. And we leverage our robust partner ecosystem to provide the latest cloud technologies from across the industry. We continuously assess changes in cloud market offerings and toolsets to determine how they can lower costs and provide a competitive advantage for our customers.

NEXT STEP

Our Cloud specialists work side by side with your team to understand your environment and come up with a solution specific to your organization's needs. Contact us today to discover how Leidos can help your organization leverage the power of the cloud.

FOR MORE INFORMATION

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