

## Unleash the Power of the Cloud

Although cloud computing has been around for over a decade, it still perplexes many organizations. The reality is that a digital business, one that leverages the convergence of people, business and things to disrupt traditional business models, requires the speed and agility that cloud computing offers. Cloud computing will continue to underpin the delivery of digital business innovations into the foreseeable future. Gartner and other think tanks predict that cloud computing will become the dominant design target for new and re-factored applications over the course of the next decade. Simply put, a comprehensive cloud strategy is a vital component for any business that wants to remain relevant in the next digital era. It is critical that these businesses partner with providers who offer the vision and technical expertise to navigate this transition.

**The percentages may vary depending on the survey results you are viewing, but the one indisputable fact is that cloud adoption is growing. This fact holds true across national borders and industries.**

An effective cloud strategy is created with the end in mind. 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 organization may have missed the opportunity to unleash the power of the cloud. Instead, an organization should evaluate cloud services from an 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 or meaningful to the business.

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

At Leidos, we help our customers along the entire cloud adoption journey. This includes developing a viable cloud adoption strategy, establishing a meaningful business case that ensures value and future benefit realization. With Leidos' CLOUDBank™, our expert staff and real-world experience makes us the trusted partner for your cloud initiatives. We assist our customers in determining their current and anticipated Total Cost of Ownership (TCO), we facilitate the execution of a migration readiness assessment and migration planning sessions as appropriate, and we help manage security costs by correctly assessing your data and selecting the appropriate cloud security controls. We also perform portfolio discovery, application analysis, and application rationalization, as well as mapping out application dependencies and categorizing the applications according to a predetermined application treatment plan.

Leidos 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), versionable, testable and repeatable cloud computing resources. Our services ensure the adoption of a sustainable account strategy, cost and expense management approach and a governance risk and compliance methodology that reduces friction and improves efficiency and security through maximum automation which is all scrutinized by a next-generation monitoring solution.

## Our Capabilities

### CLOUDBank™

#### CLOUD MIGRATION

The Leidos team leverages its system of systems understanding to help 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. With over two million people trained in ITIL, it's the closest thing the industry has 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.

#### 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 BENEFITS

- ▶ 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

## 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.

## Partnerships

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. We are also a UKCloud Managed Services Provider Partner, delivering Cloud services to the UK Public Sector.

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### AWS PREMIER CONSULTING PARTNER

- ▶ Premier Consulting Partner
- ▶ Managed Service Provider Partner
- ▶ GovCloud Consulting Partner
- ▶ AWS Government Competencies in National Security & Defense, Citizen Services, and Public Healthcare
- ▶ AWS Public Sector Partner
- ▶ Authorized Commercial and Government Reseller

As part of the 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 version of your 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



**Premier**  
**Consulting**  
**Partner**

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### MICROSOFT GOLD PARTNER

- ▶ 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 the Leidos CLOUDbank, our partnership with Microsoft allows you to:

- ✓ Understand your costs – receive a simplified version of your 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:

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

## WHY PARTNER WITH LEIDOS?

Leidos is an end-to-end solutions provider with 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 makes 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. We continuously assess changes in cloud market offerings and toolsets to determine how they can 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.

## ABOUT LEIDOS

Leidos is a Fortune 500® information technology, engineering, and science solutions and services leader working to solve the world's toughest challenges in the defense, intelligence, homeland security, civil, and health markets. The company's 31,000 employees support vital missions for government and commercial customers. Headquartered in Reston, Virginia, Leidos reported annual revenues of approximately \$10.17 billion for the fiscal year ended December 29, 2017.

## FOR MORE INFORMATION

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