About Lockheed Martin SolaS®
Secure Private Cloud Computing

LOCKHEED MARTIN
We never forget who we’re working for®
Solas—Secure Cloud Computing for Every Need, Every Budget

Since our first cloud implementation in 2009, Lockheed Martin has been on the front lines of the cloud computing evolution. Through our proven Solutions as a Service or SolaS® strategy, Lockheed Martin offers customers a flexible, mission-focused approach to secure cloud computing that combines best-in-industry partnerships with unprecedented domain expertise and progressive technology to deliver these offerings:

- Private cloud
- Community cloud
- Hybrid cloud

Lockheed Martin’s powerful cyber security capabilities are integrated throughout our SolaS cloud computing infrastructure. And, as the No. 1 provider of IT services to the federal government, we understand how to maximize the latest technology—and its application to individual customer missions. We take a whole systems approach to cloud computing, knowing you have unique needs and taking on your goals as though they are our own. That’s why our SolaS offerings stress the importance of your unique needs and taking on your goals as though they are our own. That’s why our SolaS offerings stress the importance of delivering different clouds for different missions. SolaS offers:

- Agility
- Unmatched efficiency
- Secure infrastructure management
- Scalability

Solas Secure Private Cloud Computing—Mission-Focused IT Efficiency

CIOs and IT managers today are challenged by budget constraints, security requirements and demanding performance goals. They look to Lockheed Martin’s SolaS Secure Private Cloud as a secure, cost-effective approach to meet their mission objectives and enhance end user services. Lockheed Martin is a uniquely qualified partner in determining the best solutions to support in a cloud environment to enable IT infrastructure efficiency and enhance the program’s mission.

Secure Data Sharing

Our turnkey, private cloud consists of an integrated suite of hardware and software. It is designed using template solutions to enable rapid implementation, but also flexible enough—as there is no vendor lock-in—to allow tailoring of the system to meet each customer’s unique requirements. Our private cloud can reside in a customer’s data center or one of Lockheed Martin’s trusted Cloud Computing Centers, giving customers the option of retaining critical information in their facilities or leveraging Lockheed Martin’s industry-leading security and managed services to support operations. Lockheed Martin’s engineering expertise, knowledge, mature management models and innovative capabilities provide a stable, secure enterprise IT adoption of cloud computing. Lockheed Martin also has significant domain knowledge in securely hosting data and extensive experience managing large IT enterprise for the federal government.

We partner with industry-leading vendors to offer private cloud solutions that address each customer’s unique needs, including VMware’s virtualization technologies and the secure, multi-tenancy architecture from NetApp and Cisco FlexPod®, based on Intel®-Trusted Execution Technology. And, all our integrated solutions are wrapped within Lockheed Martin’s secure cloud ecosystem. The result: an engineered, proven data center solution built on a flexible, shared infrastructure that can easily be configured, scaled, and optimized. Both applications and data can be transparently migrated across the infrastructure, allowing customers to effectively share server, storage and networking capabilities.

Solas Cloud Service Management

Lockheed Martin’s Integrated IT Governance supports ITIL®, ISO and COBIT management solutions to ensure that the broker solution’s business, service and quality requirements are met. Our end-user interface removes the complexity of managing services with different target providers, while our administrator interface provides full transparency into the provider’s services. We are able to manage customer requirements depending on financial accountability, user roles or policy, and even handle multiple accounts with the same target provider.

Ask How These Key Features Can Benefit You:

- Efficient, always-on infrastructure
- Convenient, single sign-on
- Elastic scalability
- Integrated data protection
- Transparent migration of applications and data across the infrastructure
- Server, storage and networking infrastructure that can be shared in complete isolation to ensure sensitive information is not compromised

- Service delivery to mobile and fixed locations
- Multiple service models to suit individual customer needs
- Compliance with NIST essential characteristics for the highest level security and experience with:
  - Federal Information Security Management Act (FISMA)
  - Federal Information Processing Standard (FIPS)
  - Federal Risk and Authorization Management Program (FedRAMP)
- Fully integrated runtime and development platform services
- Reduced total cost of ownership compared to traditional data centers
- Automated or self-service provisioning of virtual and physical infrastructure

Current Customers

Lockheed Martin’s SolaS Secure Private Clouds are currently in use by federal customers in the civil, defense and intelligence communities. SolaS offers:

- Agility
- Unmatched efficiency
- Secure infrastructure management
- Scalability

Solas—Innovative and Secure Cloud Computing

When taking our customers into the cloud, Lockheed Martin uses a seven-stage transformation strategy to mitigate risk and to provide a custom, optimized result for mission and business operations. Our Cloud Readiness Assessment (CRA) helps customers evaluate their current solution portfolio, business needs, cost-savings goals and security/regulatory compliance requirements. Based on this assessment, a cloud roadmap is developed along with potential cloud solutions to address the customer’s key focus areas.

We also combine the strength and expertise of industry-leading companies, domain knowledge and “systems-of-systems” integration into a unique collaborative environment called the NexGen Cyber Innovation Technology Centers. These world-class cyber security centers located around the world are designed for customer and partner collaboration and innovation.

To maximize protection, we integrate the best commercial security offerings to address the cyber security needs of our customers through the Lockheed Martin Cyber Security Alliance™. The Alliance consists of: APC by Schneider Electric, AriSight, CA, Cisco, Citrix, Dell, EMC Corporation and its RSA security division, HP, Intel, Juniper Networks, McAfee, Microsoft, NetApp, Symantec, Trustwave, Verizon and VMware.

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