About Lockheed Martin SolaS®
Secure Community Cloud Computing
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, unprecedented domain expertise and progressive technology to deliver these offerings:

- Private cloud
- Community cloud
- Hybrid cloud

SolaS Secure Community Cloud Computing—Secured Shared Resources

Lockheed Martin offers a network of high-tech cloud computing centers that provide a secure, multi-tenant environment for government and regulated industries seeking the benefits of the cloud while achieving the cost efficiencies generated by leveraging a shared secure infrastructure.

We incorporate advanced technologies, cyber security expertise, IT governance and green IT practices in our community cloud solution. The result: an on-demand, scalable and federal standard-compliant infrastructure as a Service (IaaS) offering that supports a secure marketplace to procure mission-based applications.

Security and IT Governance as Differentiators

Our unique approach to secure cloud solutions incorporates security best practices that integrate with industry-leading technologies by EMC, Dell and VMware to ensure the integrity, confidentiality and availability of customer data in a community cloud. The differentiator in our implementation is the combination of technology controls with strong IT governance practices, including account management, access control, physical security and hardened system configurations to produce cloud solutions that are the best value for our customers.

As one of the thought leaders in cyber security, we bring more than 40 years of Certification and Accreditation (C&A) experience across various federal agency programs at all National Institute of Standards and Technology (NIST) security categories and impact levels, including:

- Federal Information Security Management Act (FISMA)
- Federal Information Processing Standard (FIPS)
- Federal Risk and Authorization Management Program (FedRAMP™)

We have designed our Secure Community Cloud solution with a focus on the FISMA 800-53, Revision 3, Moderate standard and have been granted an Authority to Operate by the FedRAMP Joint Authorization Board.

The SolaS Secure Community Cloud implements a defense in depth design, from the security components comprising the perimeter networking Demilitarized Zone (DMZ) to the proven security provided by the virtualization firewall capability that separates every customer’s cloud assets into distinct virtual data centers (VDCs) with complete logical separation from other tenants. Even within the customer VDC, environment separation can be implemented with virtual firewalls down to machine-specific rule-sets governing port and protocol communication.

Another differentiator is a unique security control baseline for customers to leverage existing technologies and applications in their solutions, with significant cost-saving opportunities versus other cloud service providers. Each individual server is preconfigured, at no additional cost, with an:

- anti-virus solution
- patching agent
- asset management agent
- log aggregation utility and
- back-up agent

In addition, customers benefit from our enterprise Network Operations Center and Security Operations Center (NOC/SOC) with best-in-class monitoring and reporting tools, as well as a 24-hour service desk.

Ask How These Key Features Can Benefit You:

- Distributed resources managed as a single virtual enterprise
- Proven open-architecture technologies that support the government’s definition of cloud services
- Flexible integration architecture
- Open IT standards
- Compliance with government controls and standards
- Secure data hosting including multi-tenancy solutions
- Service level targets to meet the specific needs of each customer

Current Customers

Lockheed Martin’s SolaS Secure Community Cloud infrastructure is currently in use by government agencies and energy/utility organizations, as well as the platform for software-as-a-service offerings.

For more information about SolaS Secure Private Cloud Computing:

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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, AriaSight, 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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