Deloitte.

Splunk
Federated Cloud

Powered by Deloitte

> In a fast-changing enterprise IT landscape, translate more data into more insight. Access and manage the flexibility and scalability of the multicloud without adding cost, infrastructure, or complexity

Despite the growing desire to move to the cloud, most organizations—especially in highly regulated industries—rely on on-premises infrastructure. Without a cloud-based model, they lack the scalability and agility required to meet accelerating technology needs. Still, managing data across multiple clouds—or the federated cloud—is challenging. The complexity of architecting, implementing, and managing this transformation across workloads and environments that are on-premises, in public and private clouds, and in third-party data centers threatens to limit observability and slow down operations.

As the volume of data increases to support IT operation, threat and vulnerability management, and application performance management, so does complexity and expense. Infrastructure costs expand. Time and resources available typically do not. Useful insights get buried—leaving your organization unaware of market performance, security threats, application performance, app usage patterns, or customer needs.

Modern enterprises need the flexibility and scalability of the cloud and the security their data requires. Your business can have both in the multicloud—across environments, regardless of workload.

Introducing Splunk Federated Cloud:
Let's make multicloud manageable

Deloitte can help clarify and manage your distributed computing environment with Splunk Federated Cloud, a scalable and reliable computing platform that runs Splunk across multiple cloud environments—on-premises, public cloud, private cloud, or third-party data centers. You see all the insights Splunk gleans into your business in real time through a single pane of glass.

Deloitte can handle the complexity so that your business can scale and perform. We architect, implement, and manage this platform, freeing you to fuel innovation with Splunk's actionable insights. If your business requires you to capture, index, correlate, and analyze high-volume machine and application log data, multicloud is a must to thrive in a fast-changing IT landscape. With Splunk Federated Cloud, leverage the right mix of technology to access and maximize the flexibility multicloud can offer, and drive better business outcomes, faster value delivery, and sustainable ROI.

Delivering multicloud—your way

Distributed, multicloud systems are unwieldy and expensive to maintain and run—it's hard to find the information you want when you need it. Yet, for many enterprises, more ingress merely means more to manage: more interfaces, more storage, and computing requirements, more security and compliance concerns, and more time, resources, and risk.

Deployed as-a-service in an on-prem or private environment, Splunk Federated Cloud powered by Deloitte is a turnkey offering that topples data siloes with benefits of cost savings and flexibility. If you haven't moved data to the public cloud because of volume, security concerns, or worries that implementation will hinder existing operations, this federated cloud solution can bring your enterprise into the modern, multicloud era with ease.

Our Splunk Federated Cloud offering can help organize your data efficiently across distributed environments, then collects, analyzes, and manages large volumes of machine and application log data wherever it makes the most sense for your organization—in an on-premises, co-located private cloud, public cloud, or hybrid model.

Deloitte handles architecture, implementation, and management, while Splunk analyzes massive amounts of data to give you the information you need through a customizable, single-pane-of-glass dashboard. Meanwhile, with visibility across all environments, you can focus on growing your business and serving customers.

Splunk Federated Cloud can help to address these concerns so you can enjoy the benefits of private cloud-based analytics, flexibility, and scalability—along with the cost efficiencies of a subscription-based, pay- as-you-go model—with the security, privacy, and control of on-prem deployments. Backed by Deloitte's leading cybersecurity and operations experience, Splunk is suited to help you handle large volumes of unstructured data such as logs or security files. We can design, implement, and manage it for your business across the public, private, and on-prem cloud platforms that you already know and use. Our solution is designed to move your enterprise to the multicloud your way, gifting its benefits of scale, flexibility, resiliency, and security—at a fraction of the cost of maintaining and managing on-premises infrastructure or moving massive, sensitive workloads to public cloud.

By deploying Splunk's analytical and ingestion capabilities across distributed workloads and environments, we can help you lower costs, minimize infrastructure, and reduce risk. Equipped with real-time observability, application performance management, and AI-driven analytics, your business can easily access data to resolve issues proactively, all while protecting sensitive applications and data.

This functionality includes:

Multiple cloud options: Unite all your environments and workloads to search and mine data from every platform in your business simultaneously, driving more meaningful insights delivered through a single pane of glass.

IT operations: Detect, visualize, and resolve issues proactively and before they affect users with unmatched real-time visibility, deep business insights, and artificial intelligence (AI)-driven streaming analytics.

AIOps: AI and machine learning (ML) that drives real-time operational responses and early detection of issues before they become problems.

Application performance management: Quickly identify anomalies and root causes with AI-driven analytics to boost application performance for a better end-user experience.

AI-driven security: Increased visibility drives better, faster security decisions. Stay a step ahead of threats with advanced AI- and ML-based threat detection and responses. Support security information and event management with our AI-driven event sequencing, alert management, risk scores, and customizable dashboards and visualizations.

Splunk Federated Cloud can support

PUBLIC CLOUD

aws

Google Cloud

PRIVATE CLOUD

ON-PREM OPTIONS

HPE GreenLake

A solution to help your organization thrive across environments

Our approach can optimize your IT environment across the federated cloud based on your technical requirements and your business, security, and governance needs. We use our leading cybersecurity and operations experience to re-organize your workloads across cloud environments for a flexible, custom solution that extends Splunk's analytics and value within your organization.

Containerizing Splunk—essentially re-organizing and re-grouping the architecture to operate more efficiently—can help maximize resources, cutting up-front technology upgrade and operational costs. This approach can help reduce your organization's needs for computing power, memory, and storage. In tandem with our security analytics, it permits efficient co-location—housing servers you own in either an onsite or shared offsite facility with pay-as-you-go pricing structures, meaning you only pay for the capacity you use. All your organization's computing systems are organized efficiently and connected—across on-prem and cloud environments—and data analytics are visible through a single portal.

Potential Benefits

With Splunk Federated Cloud, you can start realizing value right away—moving into the federated cloud while reducing infrastructure and deployment costs in a scalable, pay-as-you-go, model. Our offering ties together your data and mines it across environments. It leverages Splunk's analytics and AI to funnel the most useful insights to you through a single-pane-of-glass view via Splunk Observability. With Splunk Federated Cloud, your business can realize the value of the federated cloud with reliability, availability, stability, serviceability, and security.

Significant cost savings
- Guide to build a "self-funding" business case with a no cost, up-front assessment from Deloitte
- The ability to have Deloitte advise, implement, or operate the solution as desired, reducing the cost of operations
- Dramatic reduction in hardware operating expense—decreasing needs for computing power, memory, and storage—and infrastructure

Pay-as-you-go scalability
- Adjust your usage up and down to meet your demands

Fast time to value
- Hundreds of out-of-the-box integrations and pre-built dashboards

All your data through a single pane of glass
- Increased visibility of all your data and detection of any problems—whether security threats or bottlenecks

Accelerate your possible with
Splunk Federated Cloud

Shifting from on-prem to the multicloud will unyoke your organization's potential, but it's an involved process—and you can't limit business operations to get there. At every step along your journey into the multicloud, Deloitte can bring end-to-end cloud capabilities and technical relationships to help you unlock the possible within your enterprise.

With Deloitte, multicloud means more than moving data between platforms. Splunk Federated Cloud embraces modern computing's paradox: the freedom and growth of the cloud and the security and stability of existing systems. Span the federated cloud—with ease. Splunk Federated Cloud creates bridges that connect each platform in your business. Let Deloitte manage your move into the federated cloud to innovate better business outcomes and produce sustainable ROI.

Bottom line:
Splunk Federated Cloud is a pathway to envision your possible and architect your reality. By working together, we can help solve your biggest challenges, accelerate time to value, and deliver outcomes to support your business.

Ready to get started?

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