



CloudConnect for Salesforce.com

Simplify Federation and Integration to Salesforce.com

CloudConnect for Salesforce offers:

Federation to Salesforce.com

Utilize existing enterprise IAM resources to log users and machines into Salesforce.com. Implement SAML and OAuth for federated authentication and authorization.

Integration to Salesforce.com

Facilitate integration between enterprise applications and Salesforce.com APIs using a SOA based approach. Manage how information gets shared across SOAP, REST and other APIs.

Usage Tracking for Salesforce.com

Knowing who and what systems in your organization are using Salesforce.com (and other SaaS applications) can help you ensure compliance with corporate and government regulations, as well as help optimize SaaS licensing.

To learn more about Layer 7 and how it can address your organization's needs, call 1-800-681-9377 (toll free within North America) or +1.604.681.9377. You can also email us at info@layer7.com; friend us on [facebook.com/layer7](https://www.facebook.com/layer7); visit us at layer7.com, or follow-us on twitter [@layer7](https://twitter.com/layer7)

SSO to Salesforce.com coupled with secure application integration lets enterprises govern how they consume Salesforce & cloud applications

Govern your Salesforce.com Usage

SaaS and other cloud-based application providers simply can't give enterprises the same level of control they have become accustomed to for their on-premise applications. In fact, license agreements typically focus only on customer data protection, offering little to no guarantees around availability, security and compliance. Despite reservations, however, enterprises have already embarked on consuming SaaS and cloud services at a departmental if not corporate level, trading control for the cost benefits and convenience of an on demand solution.

Layer 7's CloudSpan CloudConnect lets enterprises regain control, enabling them to securely consume SaaS and cloud-based services by providing not only secure SaaS and Web services single sign-on, but also secure application integration and usage tracking.

CloudConnect acts as Policy Enforcement Point (PEP) located in the enterprise, allowing you to add your own layer of control and visibility to how your organization consumes SaaS applications like Salesforce.com. By creating and enforcing policies on CloudConnect, enterprises can implement fine-grained access control over who and what enterprise resources/users can interact with Salesforce.com – all without coding. As a result, enterprises can govern how they consume Salesforce.com while making it feel and operate like extended parts of their secure enterprise.

Federation to Salesforce.com Using OAuth and SAML

Enterprises have invested heavily over the past decade in creating a centralized identity and access management (IAM) infrastructure. By deploying a CloudConnect Gateway from Layer 7 in the DMZ, enterprises can extend their IAM investment to the cloud, utilizing existing identity infrastructure. Using the Layer 7 as a Security Token Service for federating to Salesforce.com, enterprises can easily implement either SAML or OAuth based authentication and authorization to Salesforce.com. Most importantly this federation works equally well for browser and API based access to Salesforce.com

Using CloudConnect for Salesforce.com, enterprises can extend their business processes out to Salesforce.com and other cloud providers using enterprise credentials thereby eliminating potential security breaches that arise when employees leaving a company are removed from the enterprise IAM system, but still retain their Salesforce.com login due to oversight.

Secure Integration to Salesforce.com

Enterprises have investments in systems that will not be migrating to the cloud anytime soon, including accounting, customer and billing systems. To ensure these systems of record are always up to date requires them to be integrated with a range of external cloud applications in use by the enterprise. Layer 7's CloudConnect Gateway leverages SOA-based approaches to facilitate data and application level integration, allowing enterprises to securely connect Salesforce.com to on-premise resources. When instantiated as a lightweight, DMZ-based Enterprise Service Bus (ESB), CloudConnect can coordinate applications and processes across the enterprise and cloud. In this way, enterprises can implement Salesforce.com integration with control over information exchange, not only governing the exposure of their own APIs but also managing how Salesforce.com APIs, in turn, get presented to internal enterprise developers.

Key Features

Identity and Message Level Security

Identity-based access to services and operations	<ul style="list-style-type: none">• Integration with leading external identity, access, SSO and federation systems, including LDAP, Microsoft Active Directory, Oracle Access Manager, IBM Tivoli (TAM and TFIM), CA SiteMinder, Sun Java Access Manager and Novell Access Manager• Onboard identity store for administering identities and staging new services• Implement SAML for federated authentication and OAuth for federated authorization
Manage security for cross-domain and B2B relationships	<ul style="list-style-type: none">• Credential chaining, credential remapping and support for federated identity• Integrated STS/SAML issuer supports SAML 1.1/2.0 and Security Context Tokens• Integrated PKI CA for automated deployment and management of client-side certificates and RA ability for external CA's including Verisign
Web SSO	<ul style="list-style-type: none">• Support for Web browser STS, facilitating single sign on for users logging into SaaS/cloud applications

Integration

REST / SOAP / JSON Mediation	<ul style="list-style-type: none">• Route and translate data flows between Salesforce.com APIs and enterprise APIs
Orchestration	<ul style="list-style-type: none">• Define integration workflow in policy between Salesforce.com APIs and enterprise systems

Logging & Reporting

Services Reporting	<ul style="list-style-type: none">• Configurable, out-of-the-box reports provide insight into SSG operations, service-level performance, and user experience
Customer Mapping	<ul style="list-style-type: none">• Report on service performance, policy violations and SLA conformance based on specific customers, composites (i.e., processes and transactions using a service) or clients to build a profile of actual enterprise/cloud user experience
Audit and Logging	<ul style="list-style-type: none">• Log message-level transaction information• Spool log data to off-board data stores and management systems

Form Factors

Hardware	<ul style="list-style-type: none">• Active-active clusterable, dual power supply, mirrored hot-swappable drives, 2-way dual core 1U server
Software	<ul style="list-style-type: none">• Solaris 10 for x86 and Niagara, SUSE Linux, Red Hat Linux 4.0/5.0
Virtual Appliance	<ul style="list-style-type: none">• VMware/ESX (VMware Ready certified)

Supported Standards

XML, JSON, SOAP, REST, PCI-DSS, AJAX, XPath, XSLT, WSDL, XML Schema, LDAP, SAML, PKCS, FIPS 140-2, Kerberos, X.509 Certificates, XML Signature, XML Encryption, SSL/TLS, SNMP, SMTP, POP3, IMAP4, HTTP/HTTPS, MQ Series, Tibco EMS, WS-Security, WS-Trust, WS-Federation, WS-SecureExchange, WS-Addressing, WS-SecureConversation, WS-MetadataExchange, WS-Policy, WS-SecurityPolicy, WS-PolicyAttachment, WSIL, WS-I, WS-I BSP, UDDI, WSRR, MTOM, IPv6, WCF

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