



*CipherCloud for Salesforce enables enterprises to extend advanced data protection to Salesforce and the AppExchange ecosystem and enable critical processes that require data security, residency and compliance.*

## CIPHERCLOUD FOR SALESFORCE

### *Advanced data protection for Salesforce and the AppExchange ecosystem*

#### Expand the business benefits of Salesforce

Privacy regulations and corporate data governance continue to challenge many enterprises from realizing the full business benefits of Salesforce. With CipherCloud organizations can accelerate their Salesforce adoption while ensuring advanced data protection, compliance, and control.

##### Searchable Strong Encryption and Tokenization

CipherCloud has pioneered advanced data protection methods enabling customers to encrypt and tokenize fields before sending data to the cloud.

##### Extensive Ecosystem Support

CipherCloud supports the entire Salesforce ecosystem including AppExchange third-party solutions, force.com custom applications and on-premises systems.

##### Seamless User Experience

CipherCloud preserves critical functions like searching, sorting, reporting and charting. Granular protection covers any standard and custom data fields or objects.

##### Global Compliance for Multiple Clouds

CipherCloud ensures customers can maintain consistent compliance for data residency and other important privacy regulations within Salesforce, AppExchange, and other major cloud applications.

##### Zero-knowledge Data Protection

CipherCloud ensures unauthorized outsiders cannot access data by giving customers exclusive control over their encryption keys. This prevents unauthorized access or forced legal disclosure without the enterprise's knowledge.

##### Mobile Device Support

CipherCloud supports protected access from mobile devices while preserving Salesforce mobile functionality.

#### Support for AppExchange and the Salesforce1 Platform

CipherCloud works with the entire Salesforce Platform, including Sales Cloud, Service Cloud, Marketing Cloud and Chatter while preserving search-ability. The extensible CipherCloud platform supports any type of custom application built on the Salesforce1 Platform, as well as a large and growing number of third-party applications available on the AppExchange ecosystem.

#### How CipherCloud for Salesforce Works

CipherCloud for Salesforce is deployed on-premises and is set-up in-line between an enterprise's users and Salesforce. CipherCloud transparently inspects data and applies granular protection policies before data is sent to Salesforce. Designed for high performance and availability, the solution adds negligible latency, while preserving the Salesforce user experience. CipherCloud enables a control point for corporate data going to and from the cloud. All an enterprise's users—internal, remote, or mobile—can access Salesforce, while enabling the company to enforce their security policies.

#### Advanced Encryption

CipherCloud's granular policy controls enable an enterprise to protect fields and free-form data. And with the CipherCloud encryption engine organizations can mix and match a variety of strong encryption methods including options for preserving formats,

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Integrated encryption and tokenization

partial field encryption, preserving sort-ability and Searchable Strong Encryption (SSE). Critically, with CipherCloud the encryption keys are always stored securely either in the on-premises gateway or a hardware security module (HSM).

## Tokenization

CipherCloud for Salesforce also provides data tokenization options to meet the most stringent data residency requirements. With tokenization, randomly generated values are substituted for the original data, which never leaves the enterprise. The original data and mappings for the tokens are stored locally in a JDBC-compliant database.

## Key Features

**FIPS 140-2 Validation:** CipherCloud is the only cloud data protection vendor to have achieved FIPS 140-2 Level 1 validation—a rigorous and lengthy process.

**AES 256-bit Encryption:** Multiple encryption options preserve the format and searchability of protected data. Encryption keys always remain within the enterprise, not with CipherCloud or a service provider.

**Advanced Tokenization:** Substitutes randomly generated values for the original data, which stays within the enterprise boundary.

**Enterprise Key Management:** Compliant with NIST standards, support for key storage on KMIP-compliant servers.

**High-Performance Architecture:** Highly scalable platform, supports high-throughput deployments with extremely low latency.

**Multi-Org Support:** Manage an unlimited number of Salesforce Orgs with a single system.

**Multi-Cloud Support:** Provides consistent data protection across Salesforce, AppExchange, and other major cloud applications.

**Flexible Policy Controls:** Security can be applied on a granular per-field basis including policies for users, locations and applications.

**Broad Support for Mobile Devices:** Supports users accessing Salesforce from mobile devices and Salesforce Touch.

**Single Sign-On Support:** Easily integrates with the single sign-on infrastructure already deployed by your enterprise.

**Web Services Integration:** Supports third-party Salesforce AppExchange solutions and on-premises systems, enabling you to extend security for the entire Salesforce ecosystem.

**Cloud Malware Detection:** Integrated malware detection scans all content going in and out of Salesforce.

*“We had an aggressive timeline to demonstrate improved controls over cloud data. With CipherCloud we met all of our requirements and deployed an advanced solution with confidence and on time.”*

*—Security Architect,  
Major Healthcare  
Provider*

CipherCloud, the leader in cloud security and visibility, enables companies to adopt the cloud while ensuring data protection, compliance and control. CipherCloud delivers a comprehensive multi-cloud security platform that integrates advanced FIPS 140-2 validated data protection, content control, monitoring, cloud discovery and risk analysis. The largest financial services, insurance, healthcare, telecommunication, and gaming companies across more than 25 countries have put their trust in CipherCloud.

CipherCloud, named as SC Magazine’s Best Product of the Year, has received investments from premier venture capital firms Andreessen Horowitz, Transamerica Ventures, Delta Partners and T-Venture, the venture capital arm of Deutsche Telekom.

