



KEEP ALL YOUR CLOUD DATA ULTRA SECURE

ENSURE ROBUST PROTECTION FOR YOUR ENTERPRISE CLOUD OPERATIONS

The ease of sharing and moving data to and from cloud applications has transformed how businesses operate – bringing both cost and efficiency benefits. Yet the rapid shift to cloud services has also magnified the potential for judgment errors, while exposing more data to the risks of malware and malicious users.

To mitigate these risks, the Tata Communications' Cloud Access Security Broker (CASB) solution offers protective controls to safeguard all your enterprise cloud data. As a complete managed service, it offers all the cost and efficiency benefits of a single, cross-cloud control point that consolidates powerful security and compliance capabilities into a single platform.

Strengthen cloud security

Our CASB service meets fast-growing market demand for better controls to safeguard cloud security.

- Uncover shadow and sanctioned IT discovery, providing a consolidated view of your enterprise cloud usage and users who access data from any location
- Enforce data security policies to prevent unwanted activity based on data classification, discovery and monitoring user activity
- Gain adaptive access controls to prevent unwanted devices, users and applications from accessing your cloud services
- Ensure compliance with regulations and standards while ensuring accountability for cloud usage

TAKE A CLOSER LOOK

Our CASB service unifies on-premises or cloud-based security policy enforcement points which sit between cloud service consumers and providers. When the relevant cloud resources are accessed, the service activates enterprise security policies to run appropriate checks and controls.

The solution consolidates multiple types of security policy enforcement – including authentication, single sign-on, authorisation, credential mapping, device profiling, encryption, tokenisation, logging, alerting, malware detection/prevention and more to resolve key security challenges.

- **Ensure robust data protection:** using our CASB solution gives you protective controls for cloud data including encryption, obfuscation and on-premise key management integration along with detective controls such as user behaviour monitoring and data leakage prevention.
- **Overcome restrictions with native security controls:** some cloud providers have introduced limited controls to help their customers enforce policies within a specific cloud application, but unlike our CASB solution, the restricted scope of these measures limits their reliability and usefulness.
- **Replace multiple security silos:** conventional models require you to manage separate policies across different platforms, creating security silos, inconsistent enforcement and costly administration. By contrast, our CASB service makes it easy to unify policies over multiple cloud services.

KEY CASB BENEFITS

Gain visibility of your data:

- Identify users for file-sharing and collaboration
- Standardise and coach users for SaaS apps
- Screen data on-demand for sensitive content

Safeguard data security:

- Encrypt unstructured data while preserving critical functionality
- Enable access and actions based on user, device, data, and location
- Increase authentication requirements based on anomalous activity

Ensure threat protection:

- Detect anomalous activity and minimise false positives
- Identify and prevent data exfiltration via shadow IT
- Log user activity and create audit trails for reporting

Enable compliance:

- Enforce DLP policies to protect sensitive data
- Review and act on DLP violations
- Enforce internal and external collaboration policies

KEY FEATURES

- Ensure cloud governance via risk-based assessment of 20,000+ cloud applications
- Apply machine-learning to correlate threats across multiple anomalies
- Tokenise sensitive customer data to protect data and egress data on-premises
- Extend CASB capabilities to custom applications and IaaS apps

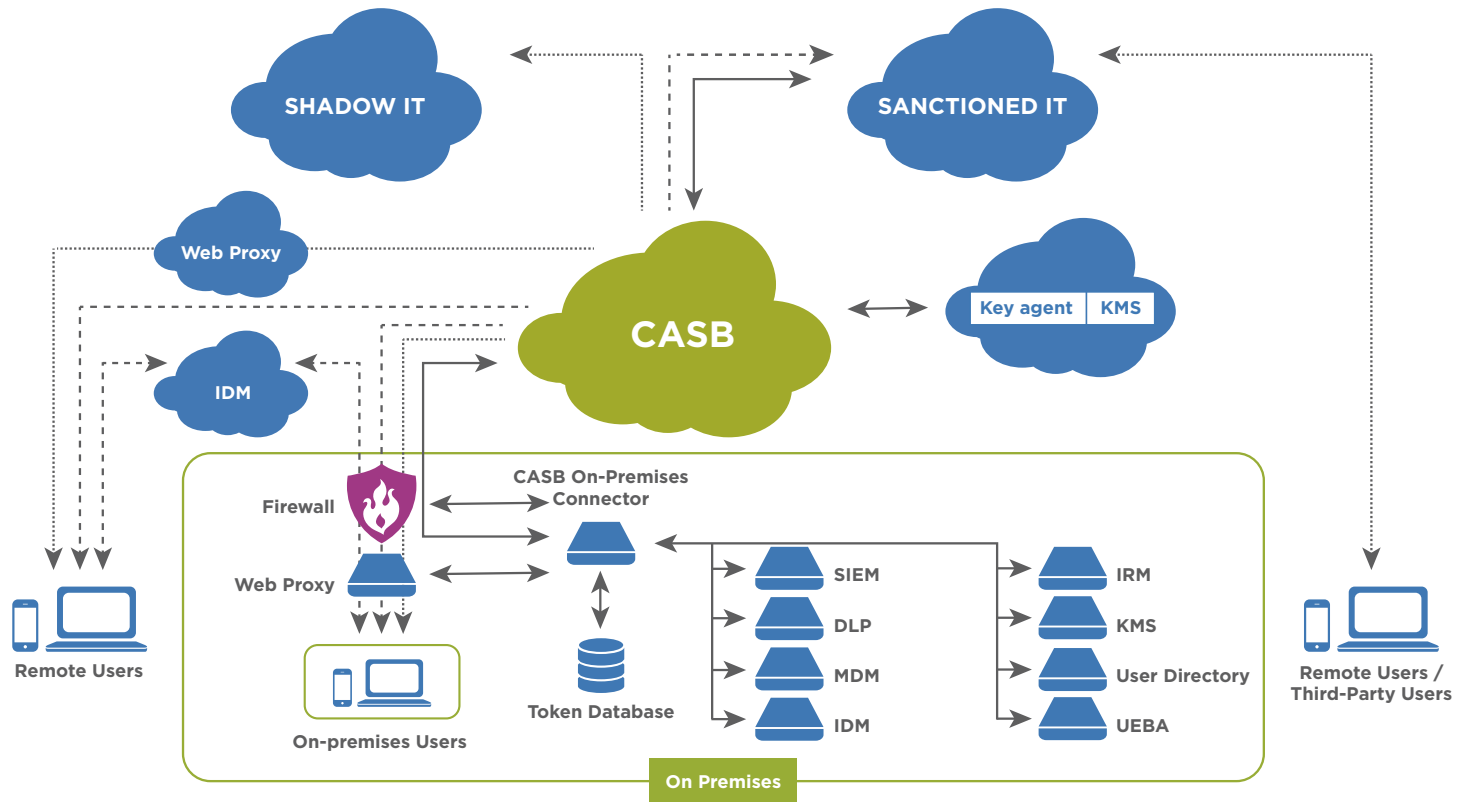
CASB FROM TATA COMMUNICATIONS ALSO OFFERS:

- A complete managed service and support
- Comprehensive reporting to improve risk insights
- Multiple integration models to maximise flexibility
- Suitability for log collection, API mode, forward proxy and reverse proxy
- Enforce internal and external collaboration policies

For more information, visit us at www.tatacommunications.com

Contact Us

CASB REFERENCE ARCHITECTURE



POWERED BY TATA COMMUNICATIONS

Tata Communications provides unparalleled reach and connectivity options, with a subsea and terrestrial network covering 700,000km, which could circumnavigate the globe more than 17 times.

Focused on innovation, our collaborative approach ensures we deliver the cutting-edge communications services you need to keep your enterprise connected 24/7/365.

“CASB is a required security platform for organisations using cloud services.”

—GARTNER

For more information, visit us at www.tatacommunications.com

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About Tata Communications

Tata Communications Limited (CIN no: L64200MH1986PLC039266) along with its subsidiaries (Tata Communications) is a leading global provider of A New World of Communications™. With a leadership position in emerging markets, Tata Communications leverages its advanced solutions capabilities and domain expertise across its global and pan-India network to deliver managed solutions to multi-national enterprises, service providers and Indian consumers.

The Tata Communications global network includes one of the most advanced and largest submarine cable networks and a Tier-1 IP network, as well as nearly 1.5 million square feet of data centre and collocation space worldwide.

Tata Communications' depth and breadth of reach in emerging markets includes leadership in Indian enterprise data services and leadership in global international voice.

Tata Communications Limited is listed on the Bombay Stock Exchange and the National Stock Exchange of India.

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