



Introduction

Microsoft Teams Compliance Call Recording with Azure Bots

In today's digital workplace, Microsoft Teams has become the central hub for business communication and collaboration. However, for organizations operating in regulated industries, simply enabling Teams is not enough. Governments, regulators, and internal risk teams demand strict **compliance call recording** capabilities to ensure that sensitive communications are securely captured, stored, and retrievable when required.

Our solution leverages **Azure Bot Services integrated with Microsoft Teams** to deliver a secure, policy-driven, and scalable compliance recording solution that meets international regulations such as **MiFID II, Dodd-Frank, HIPAA, FCA, and GDPR**.

Policies & Use Cases

Compliance recording is typically **policy-driven**, meaning administrators define rules for when to capture conversations.

Examples of calls that must be recorded:

- Trade-related financial conversations (MiFID II requirement)
- Telemedicine consultations under HIPAA
- Customer service interactions subject to quality monitoring or legal oversight
- Government, legal, or court hearings conducted virtually

Examples of calls that should be excluded:

- Internal HR or recruitment discussions
- Sensitive executive or board strategy meetings
- Informal brainstorming sessions or ad hoc collaboration

This **selective approach** balances compliance requirements with employee privacy and productivity.



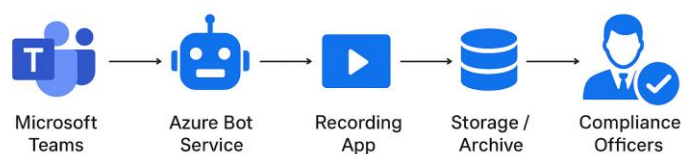
Azure Bot-Based Solution Overview

Our solution harnesses the power of **Azure Bot Framework integrated with Microsoft Teams Compliance APIs**.

Key Capabilities:

- **Real-time interception** of Teams calls and meetings
- **Policy-based automation:** Recording only when mandated by rules
- **Secure data storage:** End-to-end encryption both in transit and at rest
- **Flexible retention options:** Store in Virtuallogger secure AWS cloud archives
- **Invisible to end users:** Recordings happen seamlessly in the background

This approach ensures that organizations can scale recording across thousands of users without manual intervention.



End-to-end data flow of Teams Compliance
Recording using Azure Bots

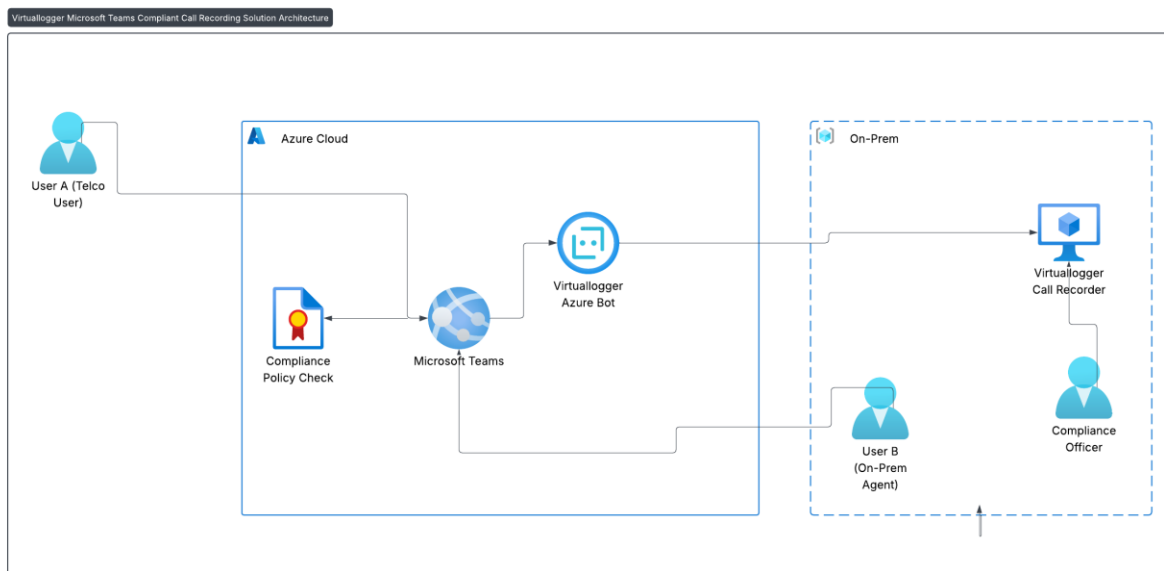


. Technical Architecture

The compliance recording architecture is built on Microsoft Teams, Azure, and compliance-grade APIs.

◆ Workflow Overview:

1. Microsoft Teams initiates or receives a call.
2. Azure Policies determine if the call is subject to recording.
3. If recording is required, the **Azure Bot** joins the call as a hidden participant.
4. The bot securely captures encrypted audio/video streams.
5. The data is sent through the **Compliance Recording Service** for encryption, storage, and indexing.
6. Authorized compliance officers access recordings through secure portals or compliance systems.





From a technical standpoint, the solution involves multiple Azure services and Microsoft APIs:

- **Azure Bot Service:** Acts as the recorder, interacting with Teams.
- **Microsoft Graph & Compliance APIs:** Manage policies, user assignments, and trigger recordings.
- **Encryption:** All streams are secured with **TLS during transit** and **AES-256 at rest**.
- **Storage & Retention:** Organizations can configure retention periods and storage locations according to regulatory needs.
- **Access Control:** Recordings can only be accessed by authorized compliance officers.
- **Scalability:** The solution can scale to handle thousands of concurrent recordings globally, leveraging Azure's cloud elasticity.
- **Virtuallogger Fully encrypted Four Walled Solution:** **Virtuallogger audio is always encrypted using highly secure AES-256. Call recordings always remain within your network and can only be accessed within your network.**



Virtuallogger Teams Compliant Call Recording Solution

Microsoft Teams is the backbone of enterprise collaboration, but regulated organizations need more than just communication—they need **compliance assurance**.

Our Teams Compliance Call Recording solution, powered by Azure Bots, provides:

- Guaranteed compliance for regulated industries
- Secure, policy-driven, and invisible recording
- Enterprise scalability with Azure reliability
- Seamless integration with Microsoft Teams, Azure, and compliance systems

👉 Contact us for a demo and learn how we can help your organization achieve compliance at scale.

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