Modernized eComms Surveillance for a Changing World

In today’s fast-paced world of multi-channel communication, communication surveillance is more demanding than ever, with regulatory scrutiny and penalties for violations increasing all the time. As organizations are forced to contend with ever-expanding volumes of content for email, chat, audio, and video, they can no longer only rely on sampling-based and lexicon search-based detection to get the job done. Veritas Alta™ Surveillance cuts through the noise to capture and surface only relevant content—automating and streamlining tasks, saving time, and preventing costly fines. Veritas Alta Surveillance leverages innovative and transparent artificial intelligence; machine learning, and natural language processing, to stay ahead of your compliance obligations.

End-to-End Compliance

Through its integration into the SaaS-based Veritas Alta Data Compliance and Governance Platform, Veritas delivers full end-to-end communication compliance to satisfy your regulatory obligations from content capture to compliant archival, search, review, and audit.

The Surveillance Process within Veritas Alta

![Figure 1. The Veritas Alta Surveillance process within Veritas Alta](image-url)
Capture Every Conversation

Capture every conversation with integrated Veritas Alta™ Capture content for review. With Veritas Alta Capture, you can capture content from over 120 content sources such as email, Teams, Bloomberg, WhatsApp, and Zoom from a SaaS-based configuration.

**Veritas Alta Capture Key Benefits**

1. Ingest and consolidate various forms of communication and content from over 120 sources.
2. Quickly adapt to new message platforms to mitigate compliance risk.
3. No training required to start running data collection cycles.
4. No need to update and maintain server infrastructure.
5. Flag specific information to enhance future data collection.

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Store Content Compliantly

With Integrated, SaaS-based, Veritas Alta™ Archiving, all content is securely stored in an immutable, regulation-compliant WORM archive. With granular controls over retention, expiry, access and management, Veritas Alta Archiving delivers enterprise-grade security and life cycle for your data.

**Veritas Alta Archive Key Benefits**

1. Preserve content by policy, as journaled records in a high-availability repository, protected against unauthorized or accidental deletion.
2. Ensure retention practices comply with applicable laws and regulations defensibly including attestation letters.
3. Enterprise grade rapid indexing delivers search results across all content within the archive within seconds.
4. Provide rapid search, legal hold, case management and eDiscovery workflow to reduce cost, and improve the productivity of both IT and litigation support staff via integrated Veritas Alta eDiscovery.
5. Migration from on-premises Veritas archives of both content and ediscovery and compliance work product with built-in Direct Migration feature.
6. Provide end-user access to archive content via Personal Archive for end-user search and retrieval.
Content Enrichment via Automated Classification

With Integrated Veritas Alta™ Classification, all content can be automatically classified during ingestion and indexing by policy. Veritas Alta Classification makes available over 200 pre-trained, expert-vetted policies containing over 1,100 patterns for use and customization right out of the box. Satisfy a variety of data-driven use cases from Communication Compliance, Corporate Compliance, Legal, Healthcare, Security, Privacy, Public Sector, and more.

Veritas Alta Classification Key Benefits

1. Artificial Intelligent Natural Language Processing includes built-in features such as Sentiment Analysis and language detection for over 30 languages
2. Policies specifically designed to identify noise such as newsletters and auto-generated email and trigger rules to automatically exclude content from review
3. Policies specific to Communication Compliance created by Industry experts to identify and alert on behaviors such as Customer Complaints, Outside Business Activities, Off Channel Signaling, Trade Execution Concerns and more.
4. Transparent Policies provides complete transparency into policy logic right down to keywords, proximity distances and more
5. Create new policies, or customize existing ones, using nested condition logic, both Boolean and Regular Expressions, document similarity, confidence levels, min/max counts and more.
6. Rapid development and maintenance for new and existing policies with updates every 3 months.

Enhanced Surveillance

With Veritas Alta™ Surveillance, compliance departments can manage the entire review process; create departments, assign reviewers and permissions, add monitored employees, schedule searches and samples, conduct review, report, export, and audit are built in via workflows you can design and control. Drive alerts based upon your own lexicons, Veritas Alta Classification policies, and through Intelligent Review Machine Learning.

Veritas Alta Surveillance Key Benefits

1. Built-in Intelligent Review Machine Learning that trains itself to score relevance on all content with full transparency.
2. Built-in Noise reduction features to automatically reduce false positives caused by allowlisted users and disclaimers
3. Hit Highlight Navigation directs reviewers to relevant content without having to read across an entire message
4. Purpose Built Review of Collaboration Content allows reviewers to review Teams Chat and Teams Channels as it looks in Teams with full fidelity including edits, reactions, images and attachments
5. Purpose Built Review of audio and video content with transcription in the message body as well as a dedicated review media player with smart transcript to jump directly to the portions of the recording that trigger an alert.
6. Granular Access Controls ensure each function can be enabled or disabled for specific roles and users.
7. Audit Search capabilities guaranties that each action is logged, indexed, findable and exportable.

Intelligent Review: Machine Learning with Transparency

With Veritas Alta Surveillance you can take advantage of cutting-edge Machine Learning to optimize review. Intelligent Review is designed upon the framework of Continuous Active Learning, where the learning is a background task done automatically by observing your review team in action as they mark and label items for relevance. The training set is your reviewer history. There is no need to build and cull a special training set or tune the engine. The model updates itself every day. In essence, the machine learning simply observes your team in action and learns from them directly, and continuously. There is no need for a subject matter expert or a data scientist,
it’s all built right into the system and can be enabled with a simple click of a button. The advantage of this approach over more legacy systems require discrete training events with subject matter experts and data scientists, is that this system never goes stale, drifting towards inaccuracy and irrelevancy. In fact, it gets more accurate over time. The more data you feed it, the more accurate it becomes.

Transparency is another key theme of the Intelligent Review Machine Learning system of Veritas Alta Surveillance. With Intelligent Review, the reviewer can quickly understand the Machine Learning prediction. For all messages a relevance score is provided that can be filtered and sorted to aid in prioritization. And within each item a breakdown of the score is provided so that with a simple mouse click, a user can understand what individual contributions of the message were factored into the overall score, factoring in criteria such as participants, message direction, subject line, user-selected content snippet, classification tag, department influence and reviewer mark. This enables reviewers to quickly evaluate a message based upon its individual contributions.

**Figure 3. Identify the Machine Learning predictions within Intelligent Review**

**Optimized Review and Hit Highlight Navigation**

Within Review, users are guided to relevant messages through 20+ facets, multi-column select and sort as well as advanced search filters. At the item level users are driven to relevant content through Hit Highlight Navigation where the user can simply click next and be automatically driven to the portion(s) of the message that are relevant.

**Figure 4. A view of Hit Highlighting Navigation within email communications**
Purpose-Built Review

Purpose Built review of Audio and Video Content as well as for Collaboration Content allows reviewers to review content natively. For Teams Chat and Teams Channels as it looks in Teams with full fidelity including edits, reactions, images, and attachments. Continuous scrolling preserves the items history and enables the viewer to move forward and backwards through the chat or the channel. By preserving the actual view of the content and its metadata, as well as by delivering continuous scroll through an item’s history, viewers can benefit from the entire context of a chat message during review. For Audio and Video content, content is provided as a message with transcription in the message body as well as a dedicated review media player with smart transcript to jump directly to the portions of the recording that trigger an alert.

Figure 5. An example of Purpose-Built review within Microsoft Teams

About Veritas

Veritas Technologies is a leader in multi-cloud data management. Over 80,000 customers—including 95 percent of the Fortune 100—rely on Veritas to help ensure the protection, recoverability, and compliance of their data. Veritas has a reputation for reliability at scale, which delivers the resilience its customers need against the disruptions threatened by cyberattacks, like ransomware. No other vendor is able to match the ability of Veritas to execute, with support for 800+ data sources, 100+ operating systems, 1,400+ storage targets, and 60+ clouds through a single, unified approach. Powered by Cloud Scale Technology, Veritas is delivering today on its strategy for Autonomous Data Management that reduces operational overhead while delivering greater value. Learn more at www.veritas.com. Follow us on Twitter at @veritastechllc.