

Corterox Cloud Intelligent Archive (IA)

Corterox Cloud Intelligent Archive (IA) unique features

- ❖ Short/long-term Archive scalable to 12,000 PB and ingest up to 10 PB per day
- ❖ Google-like content search

Archiving is mandatory for businesses, governments and non-profits as data must be stored for years, decades or 100 years for regulatory, business and other reasons. **Examples:**

Market	Known Data Retention Requirements
Healthcare	<ul style="list-style-type: none"> • Patient Lifetime • 75years for X-rays • 20-43 years for records of minors • 30 years for United States OSHA exposure records
Pharmaceuticals	<ul style="list-style-type: none"> • 75-100 years for R&D records, applications
Energy & Petroleum	<ul style="list-style-type: none"> • More than 50 years (oil field lifetime) • More than 50 years for subsurface exploration data
Government	<ul style="list-style-type: none"> • More than 100 years
Cultural/Media	<ul style="list-style-type: none"> • >50 years to over 100 years
Finance	<ul style="list-style-type: none"> • >20 years for United States Sarbanes-Oxley data • For life insurance, archive for the life of the policy, plus 6-10years
Aerospace	<ul style="list-style-type: none"> • >30 years for design records (Lifetime of aircraft)
Earth and Space Science	<ul style="list-style-type: none"> • >100 years
Video Surveillance	<ul style="list-style-type: none"> • 7-50 years

Corterox Intelligent Archive (IA) provides two key functions:

1. **Archive files and emails** anywhere (local/cloud/hybrid) for years, decades, 100 years while keeping track of updates and storage location.
2. **Search & analysis** of metadata/data to find and retrieve ALL data requested by IT, litigation, compliance or other reasons.



Corterox IA holds the Guinness World Record for the fastest data ingest (one server) at 34 TB/hour.

Key features of Corterox IA:

1. **Scalability** – tested to **12,000 PB** using 550,000 media devices (tape, optical, HDD disks, SSD and Cloud)
2. **Archive/Retrieval speed** – up to **25 PB per day**
3. **Deployment** - On-prem or cloud, hybrid or multi-geo global. Deep integration with RSTOR Cloud.
4. **Automated archiving** – no operator action needed
5. **Automatic file/email indexing** during the archive process to enable customers to search data
6. **Instant Search** – instant search and automated retrieval of data
7. **Reporting** – provides reports of system statistics and status of data of any type and age
8. **MIRROR function replicates** files and creates index for both sites. FSCAN performs in-place indexing without moving files.
9. **Economics** – IA reduces the cost (time, energy, money) and risk & penalties for losing or missing data

Corterox Partners



Google Cloud



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Corterox Cloud Intelligent Archive (IA) use cases

Corterox IA supports archiving and retrieval – and much more: Corterox delivers analytics and search needed for Fraud detection, Litigation, Discovery, Audit and Compliance and helps customers to identify, collect, preserve and process data in any form and at any location

- 1. Real-Time Early Case Assessment and Reduced Legal Risk.** CORTERIX solves the problem by providing a unified, real-time searchable repository of all enterprise data that finds small amounts of relevant data in petabytes of corporate data for Real-Time Early Case Assessment, Audit or other tasks. Self-service GUI requires no help from IT.
- 2. Complex cross-analysis of large volumes of messages, files, multimedia and database records** is required in over 50% of Legal and Risk Management cases. Searching isolated silos of emails, documents, database records and smart-meters is not a viable option. CORTERIX solves the “silo problem” with real-time cross-analysis across the entire enterprise.
- 3. Collaboration of Legal, Risk, and Compliance teams:** teams can use CORTERIX to work on multiple projects. Collaborating teams can share data and results internally or with external parties. IT help is not required.
- 4. World Record: 12 Petabytes of data, 380 Trillion records and 1000s of users.** The CORTERIX is certified to a World Record 12 PB of data containing database records, messages, smart meters and files (over 380 Trillion records) and loading speed of 3 PB per day.

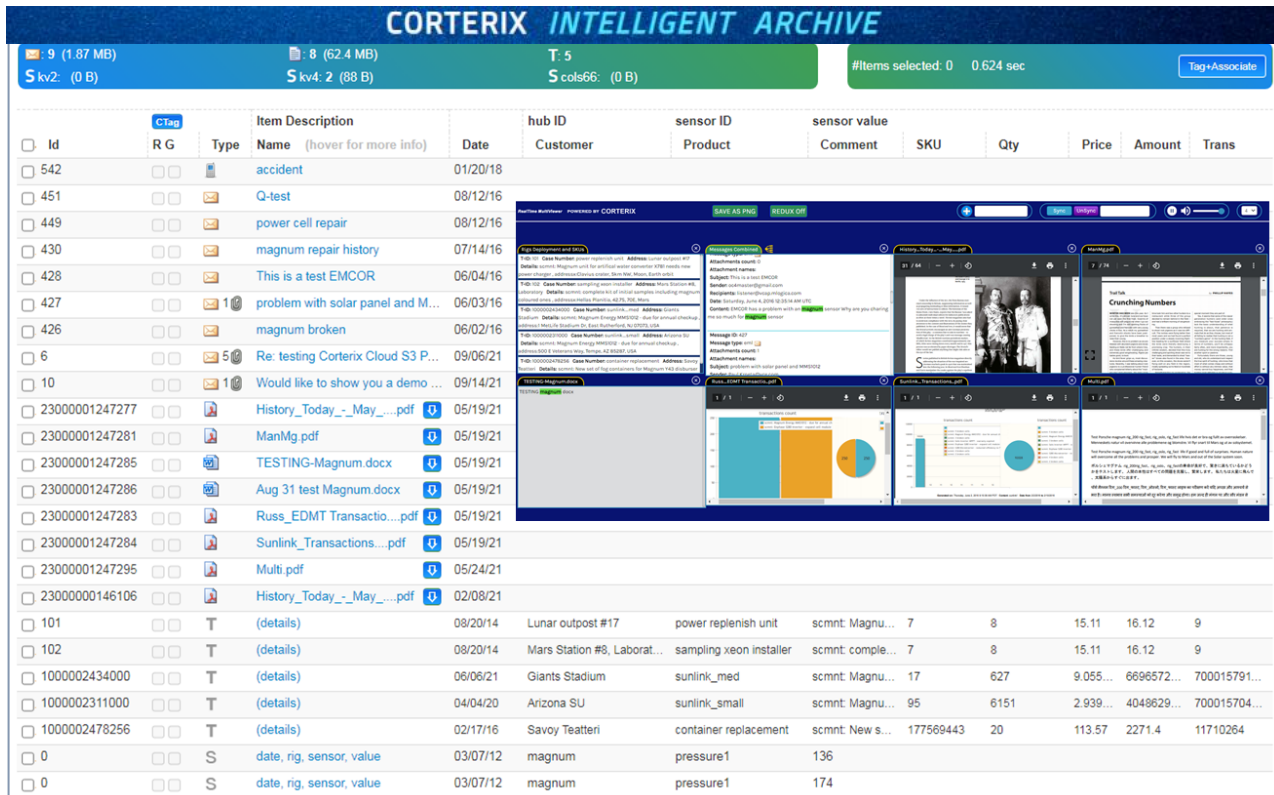


Figure 1: Retrieval, analytics and display of multiple data types (files, emails, IoT and DB records)

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