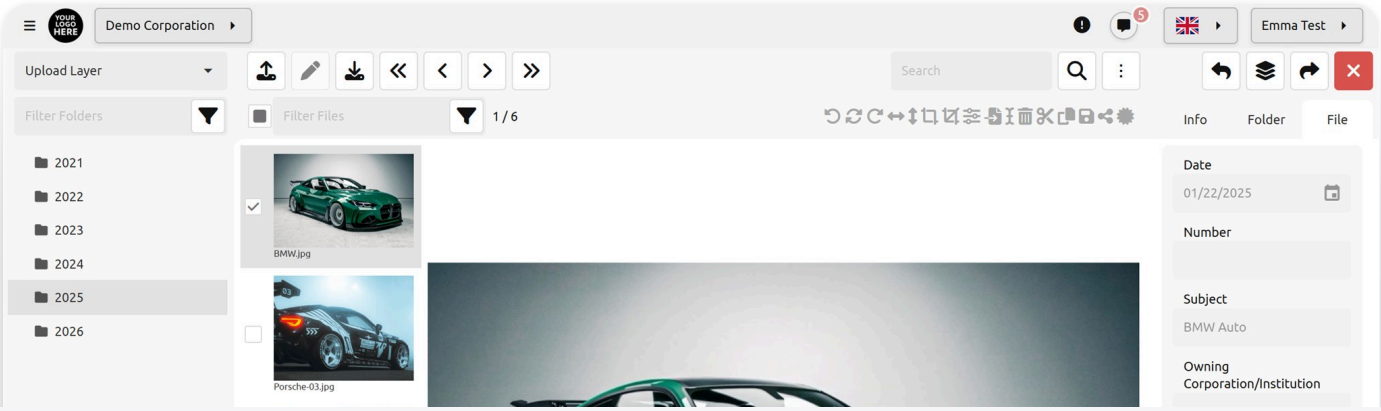
Archiving Power

Petabyte Archiving | Fast Search Capabilities | Import & Export



Petabyte-Scale Archiving Infrastructure

Thanks to its advanced indexing engine (Elasticsearch), it provides fast and secure access to hundreds of millions of digital records, including documents, photos, videos and media files.

Search for What You Need, the Way You Want

Full-Text Search

The content of saved documents can be queried when searching.

Search in Tag Fields

If you wish, you can build custom, detailed searches based on the content of tag fields.

Archive and Type Filter

The number of records of each file type in each archive is shown as an additional filter; you can narrow your search by archive or file type.

Personal Portfolio

Search results can be saved to personal portfolio areas; you don't have to rebuild the same search.

Data Model and Metadata Capacity

Support for 1.4 billion tables in dynamic datasets

Storage Capacity of ~4.2 Billion Rows of Data

Technical Upper Limit: 1600 Fields

Recommended use: 250 fields

Datasets

Authorisation-based visibility · Excel upload / download · Automatic data updates via event triggers

Features

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Scalable Infrastructure

- Development based on ASP.NET Core
- PostgreSQL (v15 and later) database compatibility
- Architecture suited to horizontal and vertical scaling
- Cluster support
- Seamless access behind a load balancer
- Every server can connect to the same database.
- Capacity can be expanded horizontally by adding servers.

Archive Tiering and Data Flow

- Automatic upload from the file system to the archive
- Uploading data from FTP to the archive
- Transfer between archive tiers
- Bulk extraction operations
- Physical purging of deleted data
- Services can be controlled per server.

Content Processing Services

- Image processing (thumbnails, resizing, EXIF/IPTC extraction)
- PDF text indexing
- OCR tasks
- Speech-to-text conversion in video files (about 100 languages)
- Speech-to-text conversion in audio files (about 100 languages)
- The generated texts are stored in the search indexes.

Security and Access Control

- LDAP integration
- Built-in password system
- Multi-factor authentication (OTP, email, SMS)
- IP-based access restrictions
- Group-based authorisation
- Declaration that no backdoor is defined in the software

External Sharing

Search results can be shared directly with external users as read-only.

Import & Export

Files on disk storage and FTP servers are brought into the archive automatically at the scan interval you set, and can be deleted from the source once stored. From the admin panel, files on a storage unit can be imported in bulk, and all of an archive's files exported to one.

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documenos.com
info@documenos.com