AI Knowledge Management Solution

Commercial Group

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AI Knowledge Management Platform

Empowering Your Digital Assets with Intelligent Solutions

Next-Generation Asset Intelligence

Multi-Modal AI   Semantic Search   Content Security   Cross-Modal Retrieval

The Challenge Our Product Solved

Storage Crisis

Dispersed Storage & Data Silos

- Digital assets scattered across multiple devices and systems, creating isolated data silos.
- Diverse storage media increases risk of asset loss and corruption.

Management Inefficiency

Inefficient Asset Management

- Lack of organized authorization and collaborative workflows.
- Over-reliance on manual cataloging without flexible classification systems.

Search Limitations

Difficult Asset Retrieval

- Limited search capabilities lacking deep content understanding.
- Massive unstructured data results in extremely low search efficiency.

Utilization Barriers

Underutilized Assets

- Limited collaborative sharing mechanisms and processing tools.
- Significant content security concerns affecting asset utilization.

Our Solution

💡 **Manage • Utilize • Search • Store Digital Assets**

- Transform your digital asset management with AI-powered intelligence that understands,
- organizes, and optimizes your content ecosystem for maximum business value.

Intelligent Cataloging System

Multi-Modal Content Processing

Cross-Modal Data Retrieval

Multi-Department Collaboration

AI-Powered End-to-End Management

Open API Solutions

Semantic Tag Retrieval

Advanced search capabilities powered by semantic understanding, enabling precise content discovery across multiple modalities and content types for enhanced business efficiency.

Enhanced Search Precision

Dramatically improve search accuracy and efficiency across diverse content types with AI-powered semantic understanding.

Basic Search

Quick semantic search for titles, descriptions, and tags

Visual Search

Locate images/videos based on visual content analysis

Voice Search

Find audio content through speech recognition results

OCR Search

Search text recognized within images and videos

People Search

Identify and search individuals in visual content

Semantic Search

Vector-based similarity matching across modalities

Semantic Tag Retrieval

Cross-Modal Intelligent Retrieval

✏️ **Contrastive Learning + Vector Search Engine**

Revolutionary multi-modal pre-training models combined with advanced vector search engines enable unprecedented speed and accuracy in cross-modal semantic search across vast content libraries.

2s
300K hours content search

5s
Million-scale face recognition

1s
Million+ image library search

100+
Relevant results per query

🔍 **Text-to-Image Search**

Find relevant images using natural language descriptions like "girl running in the rain"

🖼️ **Similar Content Discovery**

Upload an image to discover visually similar images and videos across your entire library

👤 **Face Recognition Search**

Locate specific individuals within massive face databases with exceptional accuracy

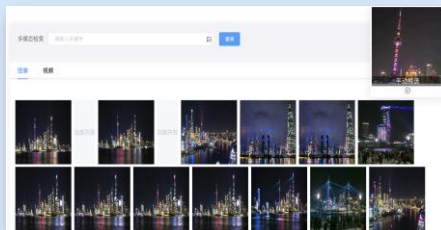🏛️ **Scene & Landmark Recognition**

Identify and search content based on landmarks, buildings, and specific scenes

Cross-Modal Intelligent Retrieval

1. Face retrieval

2、 Landmark/Building retrieval

3、 Search images by text

Input： "little girl running in the rain"
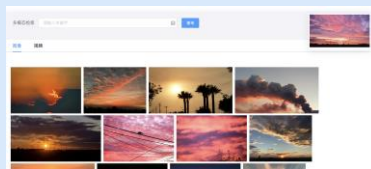
Results：

4. Similar image/video content retrieval

Input：
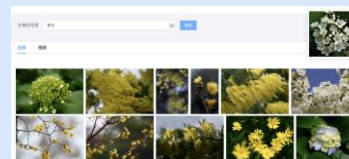

Results：

5、 Text + Image Search/Video

Tesxt Input："黄色"

Image input：

Results：

Multi-Modal Content Recognition

Voice Recognition

Convert audio/video speech to text with high accuracy

Use Cases:

Writing efficiency, audio retrieval, risk identification, subtitle translation

Tag Recognition

Multi-level knowledge base for entity extraction and scene recognition

Use Cases:

Cross-modal retrieval, topic clustering, content risk identification

OCR Recognition

Identify and extract text from images and videos

Use Cases:

Image retrieval, risk identification, subtitle extraction, anti-spam

Face Recognition

Identify and extract key individuals in visual content

Use Cases:

Material positioning, sensitive person screening, thematic reporting

Automated Content Analysis

Eliminate manual tagging and analysis. Our AI automatically understands, categorizes,
and enriches your content, enabling deeper insights and more efficient workflows.

95%

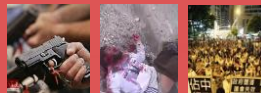**Reduction in Manual Tagging**

Content Security Review

Inappropriate Content

Advanced recognition and filtering of various inappropriate content types

Detects:

Explicit content, suggestive material, cartoon pornography, related objects

Violence & Terrorism

Identify suspected violent/terrorist content, objects, and scenes

Detects:

Weapons, terrorist symbols, violent scenes, warfare content

Sensitive Persons

Precisely identify sensitive individuals and problematic figures

Detects:

Disgraced officials, terrorist leaders, anti-establishment figures, problematic celebrities

Political Figures

Accurate identification of government and military leaders

Detects:

National leaders, regional officials, military personnel, government figures

Audio Content Review

Comprehensive audio analysis for inappropriate content detection

Detects:

Inappropriate audio, political content, advertising, vulgar language

Compliance Assurance

Ensure all content meets regulatory and organizational standards

Benefits:

Risk mitigation, regulatory compliance, brand protection

Video AI Processing

✂ Video Editing

🖼 Video to GIF

🔲 Video Cropping

✂ Intelligent Clipping

⇲ Smart Trimming

Streamlined Workflows
Automate time-consuming video editing tasks, saving hours of manual work

✏ Smart Generation

🖼 Subtitle Splicing

CC Auto Subtitles

🎥 Text-to-Video

🖼 Smart Covers

Enhanced Production
Accelerate video creation with AI-powered automation and quality enhancement

Video AI Processing

Why Choose Our Platform?

Comprehensive Solution

End-to-end digital asset management addressing all key challenges from storage to utilization

Cutting-Edge AI

Leverages latest AI technologies and large language models for superior performance and accuracy

Scalable Architecture

Built for enterprise scale with flexible deployment options and robust performance

Team Collaboration

Multi-department workflows with advanced authorization and collaborative management features

Enterprise Security

Comprehensive content security and compliance features protecting your valuable assets

Open Integration

Seamless integration with existing systems through comprehensive API and flexible architecture

⭐ Transform Your Digital Asset Management Today

Join leading organizations leveraging AI-powered intelligence for superior asset management

| Multi-Modal AI | Enterprise Ready | Secure & Compliant | API Integration |