aiimi

Discover the Aiimi Insight Engine.

Your in-depth guide to how it works

01

The Vision.

If you're part of a typical medium-to-large enterprise, you'll recognise this picture.

- Lots of employees, partners, and suppliers working together

- Based in HQ, regional offices, home, or out in the field

- All using a host of different best-in-class, enterprise-level systems across every department: SAP, Workday, HubSpot, Salesforce, Confluence... the list is in the 100s

Your enterprise systems are optimally designed, so that people who use them can work at their best – as teams they share information, collaborate, and innovate – and that's the way it should be.

But it means that the valuable information living across your enterprise systems becomes **siloed** and **inaccessible** – information shared by a team in one system becomes invisible to everyone else, as they do not have permission to see it. Furthermore, this information becomes **inconsistent**, as teams often use terms and language that are domain and system specific.

Mergers and acquisitions, along with starters, movers, and leavers, exacerbate this challenge further – complex permission structures that govern who can see what information cannot keep up with the pace of organisational change. Our research has shown that more than 90% of all information is hidden away from people who need to find it, and that 73% of data is only ever used on the same day that it's created. People are wasting time looking for information they do not have permission to see, and are then systematically recreating information that already exists.

Conventional wisdom says you should move all this data and information into one central platform, data lake, or Cloud. That way, you can discover, connect, and control it.

At Aiimi, we don't think it has to be this way.

That's why we built the **Aiimi Insight Engine**.

Using AI and machine learning technology, your data and information can now be understood – **classified, interconnected, discoverable,** and **served in context to the people who need it.**

For some of the UK's largest, most trusted organisations, this isn't just the future for their data and information – it's the present.

We'd love you to join them.

STEVE SALVIN, AIIMI CEO

02

The Aiimi Insight Engine makes understanding your data universe simple.

Powered by AI and machine learning, the Aiimi Insight Engine enables a data mesh that discovers and interconnects your information across all systems. By finding and connecting everything – including what you know and don't yet know – our data mesh enables a complete, comprehensive view of your data universe, so you can unlock hidden value from your information and gain actionable insights.

Super-fast search, scaled up.

elasticsearch

The Aiimi Insight Engine runs on highly scalable Elasticsearch technology. Easy-to-deploy, comprehensive, and trusted by users, Elasticsearch provides a foundation for our lightning-fast, super-reliable search capability.

Built for the enterprise, Elasticsearch technology enables our Insight Engine to work fast, even at hyperscale. We'll dynamically index petabytes of data and billions of files, so your teams can start discovering, connecting, and managing information. And with these unparalleled search speeds, the Aiimi Insight Engine can perform a wide variety of search types – like complex query, synonym-based, Boolean operators, and filters and facet-based search.

Augmented with our insight-driven capabilities, the Aiimi Insight Engine takes search and discovery to a whole new level – from seamless UX and intuitive UI, to endlessly customisable enrichment steps and an open connector API.

DISCOVER

Find and exploit the value that exists in your information assets, now discoverable, searchable, and relevant.

CONNECT

Deliver new and different insights from your data and information, realising never-before-seen connections and relationships.

MANAGE

Improve how you manage enterprise data and information, with superior understanding, insight, and control.

03

Take a look inside the Aiimi Insight Engine.

01 DISCOVERY

GATEWAY 04

ENRICHMENT 02

03 REPOSITORY

01

DISCOVERY

The Aiimi Insight Engine automatically crawls all repositories, whether they're in the Cloud or on-premises. This captures an up-to-date centralised index of everything that exists in your organisation, including its filename, metadata, where it's stored, and who can access it.

02

ENRICHMENT

With no user involvement needed, the Aiimi Insight Engine enriches information with additional context and structure, using machine learning techniques like classification, text extraction, geotagging, and named entity recognition. Our enrichment agents perform processes including: Optical Character Recognition (OCR), Natural Language Processing (NLP), Geotagging, Image Recognition, Speech-to-text, and Named Entity Recognition (NER).

03

REPOSITORY

The repository layer stores the enriched information index, along with security information and other configuration data. It can house hundreds of millions of pieces of information yet gives users blisteringly-fast response times.

04

GATEWAY

All information is secured with an authentication gateway which respects access permissions from source systems and integrates with your corporate security protocols, like multi-factor authentication and single sign-on.

Experience.

With an intuitive search interface, in-platform file previews, and brand-new ways of visualising your information and exploring connections, the Aiimi Insight Engine delivers a best-in-class visual experience.

GRAPHING

DATA SCIENCE

GEOLOCATION

SEARCH

DATA MAP

The magic of the Aiimi Insight Engine is that the output of the data mesh is far more valuable than the sum of the source information. By connecting the information you already know exists with the information you don't know about, this AI technology harnesses the insights you could never have discovered and delivers them via powerful visualisations.

Paul Maker
Chief Technology Officer at Aiimi

03 | HOW IT WORKS

04

Enterprise-wide integration.

With an open connector API that enables its enterprise-wide data mesh, the Aiimi Insight Engine can connect to anything and go anywhere – from large, unstructured network drives to your ERP, CRM, and HR systems. So while your information stays in the specialist systems where it belongs, you still get total control and insight.
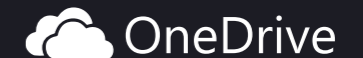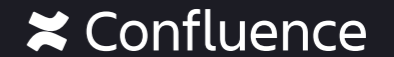
Whether it's stored in the Cloud or on-premises, you can discover, index, enrich, and classify every piece of valuable information living on network drives, emails, websites, social media feeds, spreadsheets, databases, and corporate systems.

LEARN MORE

How does the Aiimi Insight Engine connect to anything?

Using our Data Loader, the Aiimi Insight Engine can index and enrich any data and document across your organisation. All it needs is a standard file format – like a CSV, JSON, or XML – exported from the source system.

dataloader

workday

salesforce

HubSpot

Confluence

SAP

OneDrive

SharePoint

Microsoft 365

Exchange

Azure

Google Drive

Gmail

Dropbox

opentext
Content Suite

opentext | InfoArchive

CITRIX
ShareFile

Network Drive

05

An Insight Engine built for business.

The Aiimi Insight Engine is a platform that powers multiple solutions. With intelligent enterprise search and discovery at its core, the Aiimi Insight Engine supports all kinds of insight applications which deliver value to your business.

CORE PRODUCT

01 – Search & Discovery

Discover and interconnect all data across your enterprise for lightning-fast search and actionable insights. Fast, accurate, and intelligent.

- ✔ Locate
- ✔ Connect
- ✔ Reveal

02 – Migration

Migrate your data and information with confidence, and secure enduring benefits. Efficient, evergreen, and smart.

- ✔ Classify
- ✔ Prioritise
- ✔ Optimise

03 – Privacy & Compliance

Manage and protect sensitive and personal data and respond to DSARs. Automated, compliant, and secure.

- ✔ Audit
- ✔ Action
- ✔ Control

04 – Data Science

Power your data science with unparalleled access to the right data when you need it, without the risk. Fast, reliable, and visionary.

- ✔ Discover
- ✔ Prepare
- ✔ Productionise

05 | WHAT YOU CAN DO WITH AIIMI'S INSIGHT ENGINE

Without Aiimi's knowledge, guidance, and leadership driving our data and information strategies, we simply wouldn't have realised our goals. These strategies justified and drove significant investment in technology, information, and people capabilities. They have underpinned an essential business and operating model change at Anglian Water.

Matt Edwards
Chief Data Officer at Anglian Water Services

Reach your data and information goals.

Our data experts can operationalise your known data and information, support your existing solutions with our service desk, and create digital products that make a real impact on your organisation. And we'll do it on time, within budget.

Information Strategy

Understand, structure, and control your information, so you can power enterprise-wide digital transformation.

- Information Strategy, Vision & Charter
- Information Architecture
- Information Governance
- Digital Transformation

Data Services

Deliver more digital impact with our expert data teams, so you can generate a faster and more powerful outcome.

- Data Sprints
- Advanced Analytics & AI
- Data Foundation
- Data Experience

UX & Design

Design standout user experiences with our UX/UI teams, so you can transform your great ideas into even greater products and services.

- User Experience & User Interface Design
- Design Sprints
- Digital Transformation

Content Management

Design and build industry-leading content management solutions, so you can operationalise your information management strategy.

- Implementing Content Management Platforms & Upgrades
- Content Migration

07

Stay innovative with endless applications.

We're proud to work hand-in-hand with our customers, helping them envisage new areas for innovation and achieve their business goals.

The Aiimi Insight Engine is versatile, scalable, and flexible. Our Data Loader and open API allows you to connect to everything and anything. And with a data mesh that interconnects all information across your organisation, there are endless possibilities for finding new insights and powering business applications.

The Aiimi Insight Engine can help you with:

- ✅ Search & discovery
- ✅ Intelligent insight
- ✅ Gold-standard data curation
- ✅ Data mapping
- ✅ Export control
- ✅ IP management

- ✅ PII & PCI discovery
- ✅ Automated DSAR responses
- ✅ Case management
- ✅ Data science modelling
- ✅ Data migration
- ✅ GDPR compliance

Want to find out more?

Why not pop into Aiimi HQ and say "Hi" – or chat to us over at **aiimi.com**.

We're always happy to answer your questions, talk through the challenges facing your organisation, or show you around the Aiimi Insight Engine with a personalised demo.

07 | FIND OUT MORE

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