

Business Intelligence AI-Driven Big Data Analytics System and Dashboard

Automated Business Development and Investor Relations Constructors

*End-to-End
White Label Solution*

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Brief System Overview

Core Functionality and Value Proposition

Executive Summary

[Deep Knowledge Group](#) (DKG) is a consortium of commercial and nonprofit organizations active on multiple fronts in the realm of DeepTech and Frontier Technologies (AI, Longevity, FinTech, GovTech, InvestTech), ranging from scientific research to investment, entrepreneurship, analytics, media, philanthropy, and more. Its unique approach lies in combining ecosystemic financial innovations with sophisticated AI and Data Science technology development for DeepTech Industry analysis, benchmarking and forecasting.

Having been committed since 2014 to the corporate thesis of DeepTech for social impact, techno-ethical business for social good, and the continual reinvestment of profits into the expansion of our core Data Science, AI and analytics assets and the refinement of our financial-ecosystemic development projects, we are **uniquely in possession** of extremely **sophisticated technologies and systems** for Frontier Science/Technology and complex industry-focused **advanced business intelligence**, deep comparative and competitive **market and technology analytics**, **operational environment mapping** and **automated business development, engagement and investor relations**.

We have recently consolidated a number of these proprietary systems into a **single unified end-to-end White Label Solution** capable of customised, comprehensive corporate strategy optimization and defence, semi-automated AI-driven business development, investor relations, partnership and client acquisition and corporate growth, competitive intelligence, operational environment monitoring and analytics. In its full scope, the system gives its users a **guaranteed systemic asymmetric advantage** over their operational environment peers and competitors.

Condensed System Summary:

Sophisticated end-to-end White Label Solution for corporate operational environment analysis, monitoring, competitive and market intelligence, automated business development and investor relations: the N1 technologically sophisticated data-driven AI-augmented solution for corporate defence, development, and management in the 21st century.

Corporate Performance Enhancement 2.0: Guaranteed Asymmetric Supremacy Over Competitors

New tools to augment human operator's neural hardware as a digital, virtual, AI tactical exoskeleton

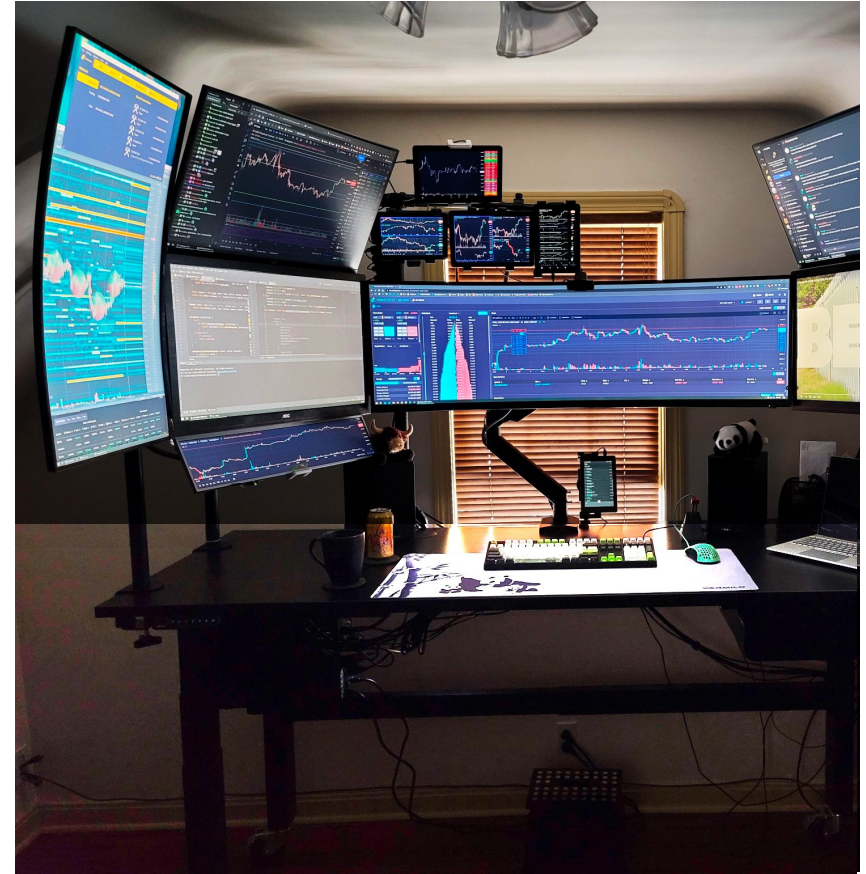
Varying levels of user interface sophistication, from simple to advanced (client-customizable complexity)

Hybrid (Human + AI) by design, expanding client's tactical reach but not out-sourcing their central control

Enables decision makers to execute their existing methods, but at greater scale and with deeper data

Sophisticated neurotech exoskeleton-at-scale to augment corporate decision makers' existing tactics

Extends users total reach without taking away their control, making them a commander of their own army



Providing a Digital, Virtual and AI Army at the Client's Control and Command

Customizable workspace and environment giving users a **Satellite View** of their Operational Environment

Provides asymmetric unfair advantages over peers by magnifying operational environment awareness

Augmented (Human + AI) Corporate Intelligence: The Future of Business Doesn't Exist Without AI

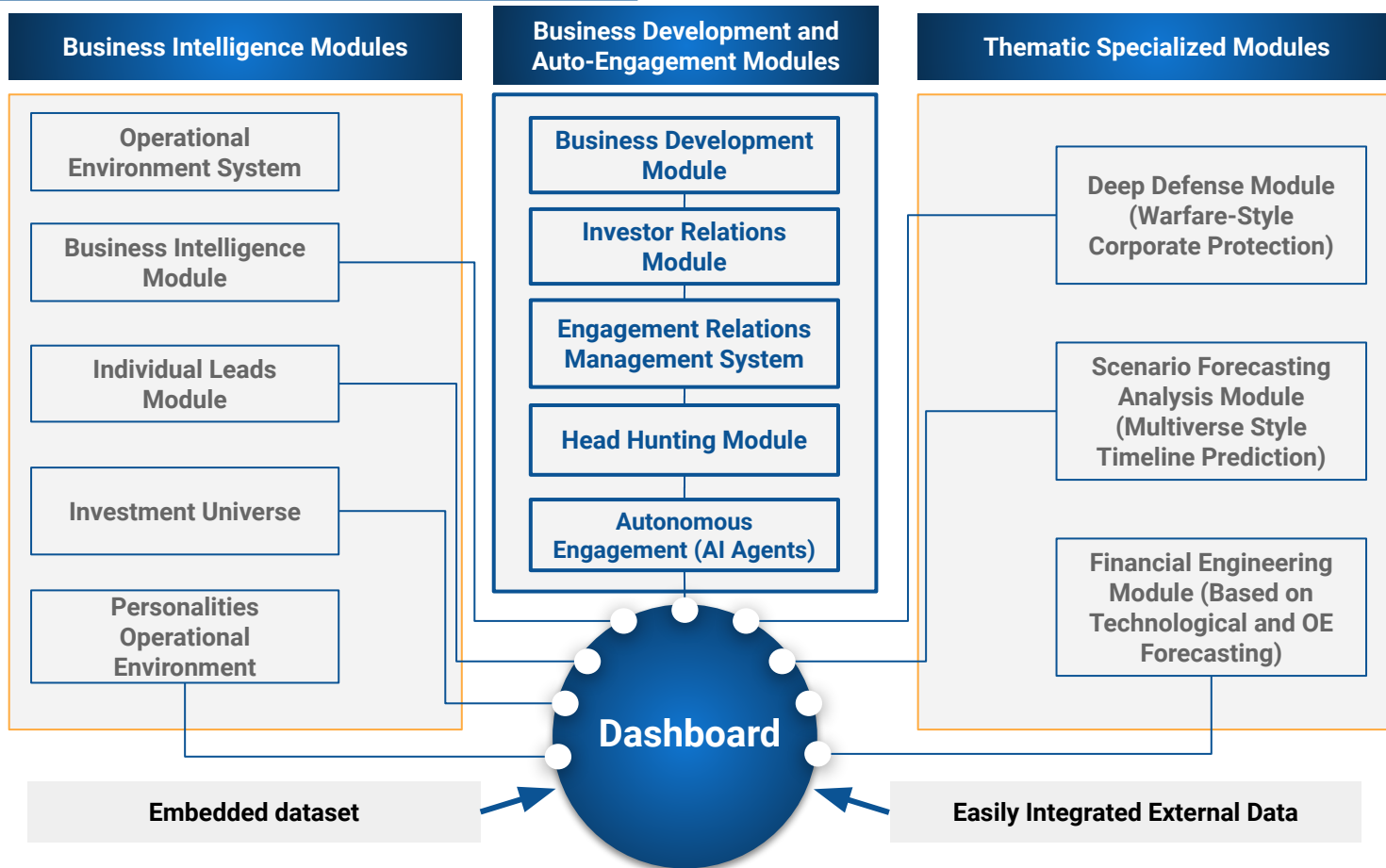
Plug and Play Integrability with Tactically Required Local Resources (Physical and Digital Services)

Product Available End-to-End and in Numerous Thematic Editions (BI, IR, BizDev, Headhunting)

Giving users an unfair, guaranteed asymmetric advantage over peers via total operational awareness



End-to-End White Label Solution Architecture



End-to-End System Products and Value Proposition

Total Operational Environment Awareness



- Hybrid Intelligence to Magnify Total Informational and Disinformational Awareness of User's Operational Environment and Competitive Universe,
- System provides total awareness of the client's operational environment (informational, disinformational and synthetic operational environment awareness)
- TSOAE (Total Synthetic Operational Environment Awareness) = TOA (Total Informational Awareness) + TOAE (Total Operational Environment Awareness) + TDA (Total Disinformation Awareness)

Market and Corporate Competitive Intelligence



- Market Monitoring, Intelligence and SWOT
- Ultimate Decision Makers (UDM) Universe Analysis
- Deep Profiling of High-Impact Individuals

Operational Omniscience



- Providing users with an unfair systemic edge over competitors by magnifying their operational environment awareness
- This extends their capacity for tactical execution to unprecedented levels, providing them with the equivalent of a view from space ('God-Mode') compared to their peer's bird's eye and street-level views.

Tactical Omnipotence

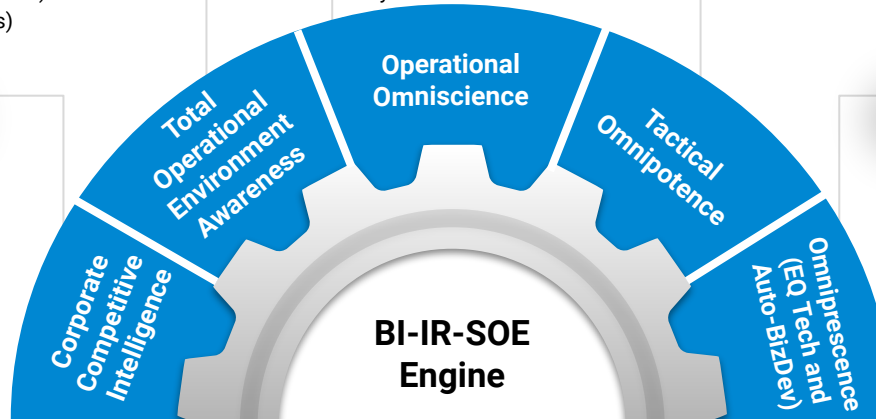


- Design Philosophy of "A New Kind of NeuroTech" - Virtual Exoskeleton to Extend Client's Tactical Reach and Executional Scale
- Dedicated Digital Army to Augment Corporate Decision Maker's Mechanical Tactical Power
- Integrations with local services
- Operational Omniscience (Satellite Vision) Makes Tactical Omnipotence possible

Omnipresence (EQ Tech and Auto-BizDev)



- 'Auto-BizDev' to conduct business intelligence-driven personalized mass engagements at scale
- EQ Tech for Active Listening and Selling with Empathy
- Smartt-matching system to connect client with potential partners and allies



BI-IR-SOE Engine

Automated Business Development

Synthetic Operational Environment

Head Hunting Module

Investment Relations Module

Scenario Forecasting Module

Semi-Automated Business Development



- AI-driven automated recommendations on business development optimization and execution
- Focus on partnerships formation, revenue generation, and corporate strategy optimization and execution
- AI-driven matching of company projects with targeted leads for engagement (partners, clients, investors)
- AI Agent and Digital Avatar pipeline makes mass targeted automated engagement via autonomous AI agents using digital avatars of company decision makers

Synthetic Operational Environment Mapping



- Deep mapping and analysis of the company's full ecosystem of competitors, partners, peers, investors
- Creates a detailed map of the client company's operational landscape, and creates the foundation of data on which all subsequent modules are built upon
- Creates capacity for 'Total Synthetic Operational Awareness' (TSOE), guaranteeing client supremacy and providing an asymmetric, unfair edge over competitors
- Via integration with the Business Development Module, the system provides a seamless plug-and-play environment to construct, monitor and manage engagement relations

Head Hunting Module



- Identifies and monitors the activities of top-tier professionals within the company's Operational Environment for head hunting
- Smart-matches candidates to company gaps and disproportions via competitive analyses
- Semi-automated recommendations on how to pitch them based on an analysis of their preferences, occupational history, and Open Source Intelligence Analysis

Scenario Forecasting



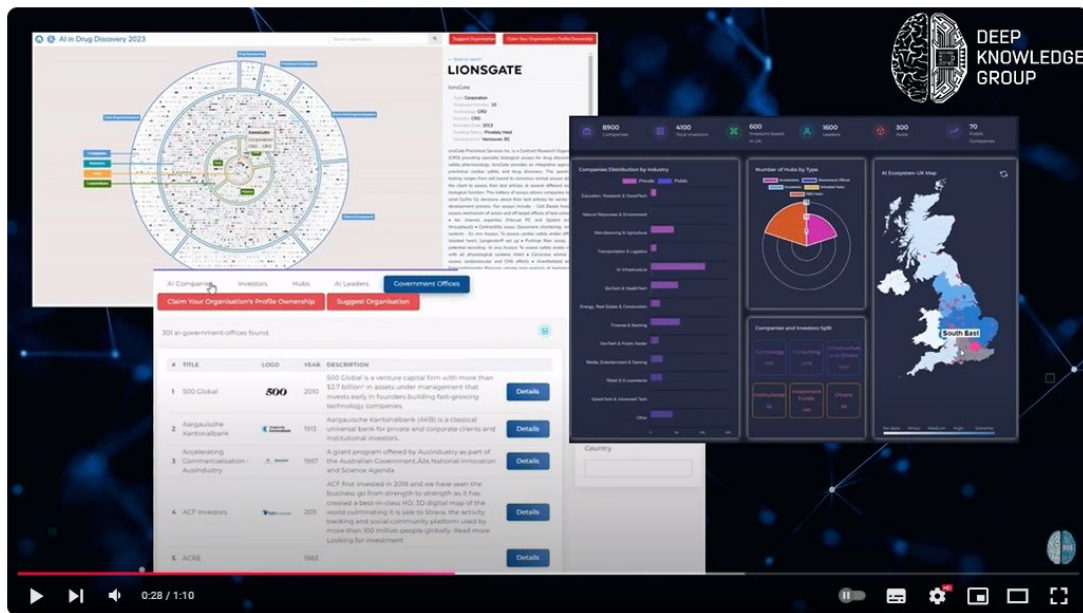
- Predicts company and competitor outcomes via Multiverse-style Company Scenario Modelling via Long-Term Technological Forecasting System Technology
- AI-driven automated recommendations for business development according to predicted scenarios and recursive feedback and integration of outputs with other Dashboard components (Business Development and Investment Relations Dashboards).

Investment Relations



- Smart-matching, automated engagement via AI agents and company leader avatars, LegalTech stack and Deals Constructor for investment relations
- Uses Operational Environment module to identify investor targets smart-matched with client company projects, personalize pitches to their preferences, and automate both engagement and dealflow.

Brief System Overview (Video) and Non-NDA Data Room





DEEP KNOWLEDGE GROUP

About

Big Data Analytics Dashboards

Ecosystem as a Service

Become a Partner

Contact us

Business Intelligence AI-Driven Big Data Analytics System and Dashboard: Automated Business Development and Investor Relations Constructors

(End-to-End White Label Solution)

Sophisticated end-to-end White Label Solution for Tech Industry investment universe analysis, monitoring, market intelligence, benchmarking, automated business development and investor relations - the N1 technologically sophisticated data-driven and AI-augmented solution to corporate defence, development and management in the 21st century.

Having been committed since 2014 to the corporate thesis of DeepTech for social impact, techno-ethical business for social good, and the continual reinvestment of profits into the expansion of our core Data Science, AI and analytics assets and the refinement of our financial-ecosystemic development projects, Deep Knowledge Group uniquely in possession of extremely sophisticated technologies and systems for Frontier Science/Technology and complex industry-focused advanced business intelligence, deep comparative and competitive market and technology analytics, operational environment mapping and automated business development, engagement and investor relations.

We have recently consolidated a number of these proprietary systems into a single unified end-to-end White Label Solution capable of customised, comprehensive corporate strategy optimization and defence, semi-automated AI-driven business development, investor relations, partnership and client acquisition and corporate growth, competitive intelligence, operational environment monitoring and analytics, and are for the first time making this system available to select clients in White Label format.

Deck

Business Intelligence AI-Driven Big Data Analytics System and Dashboard

Automated Business Development and Investor Relations Constructors

End-to-End White Label Solution

Request Access

Project Overview

Teaser

Business Intelligence AI-Driven Big Data Analytics System and Dashboard

Automated Business Development and Investor Relations Constructors

Teaser

End-to-End White Label Solution

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Informational Overview

Business Intelligence AI-Driven Big Data Analytics System and Dashboard

Automated Business Development and Investor Relations Constructors

(End-to-End White Label Solution)

Read more

Learn more

Order White Label Solution

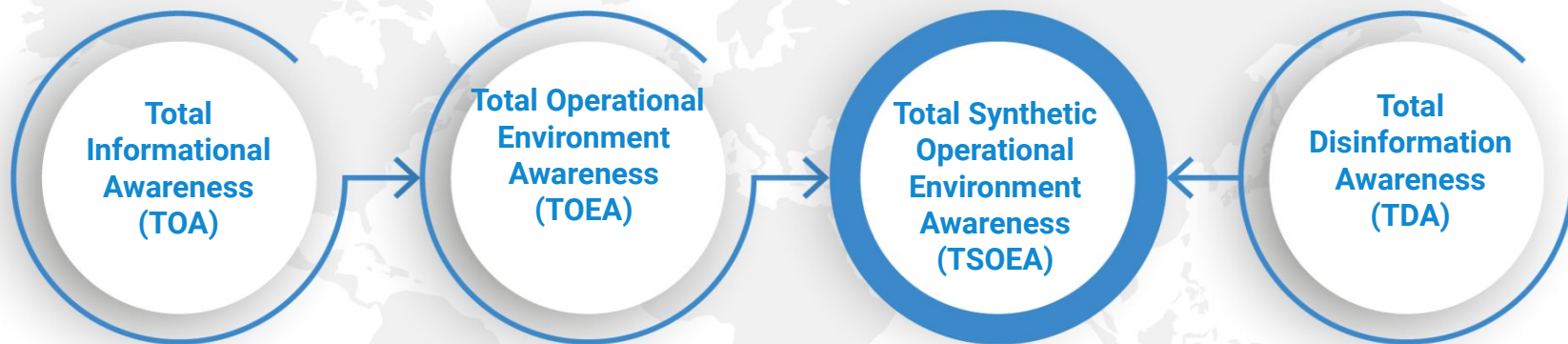
www.deep-innovation.tech/bi-ir-soe

Unique System Features and Major Differentiating Products

First-of-their-Kind Strategic and Tactical Products

Guaranteed Supremacy via Satellite View of Your Operational Environment

Design Philosophy of "A New Kind of NeuroTech" - Virtual Exoskeleton to Extend Client's Tactical Reach and Scale, Hybrid Intelligence to Magnify Total Informational and Disinformational Awareness of User's Operational Environment and Competitive Universe, and a Dedicated Digital Army to Augment Corporate Decision Maker's Mental and Mechanical Tactical Power

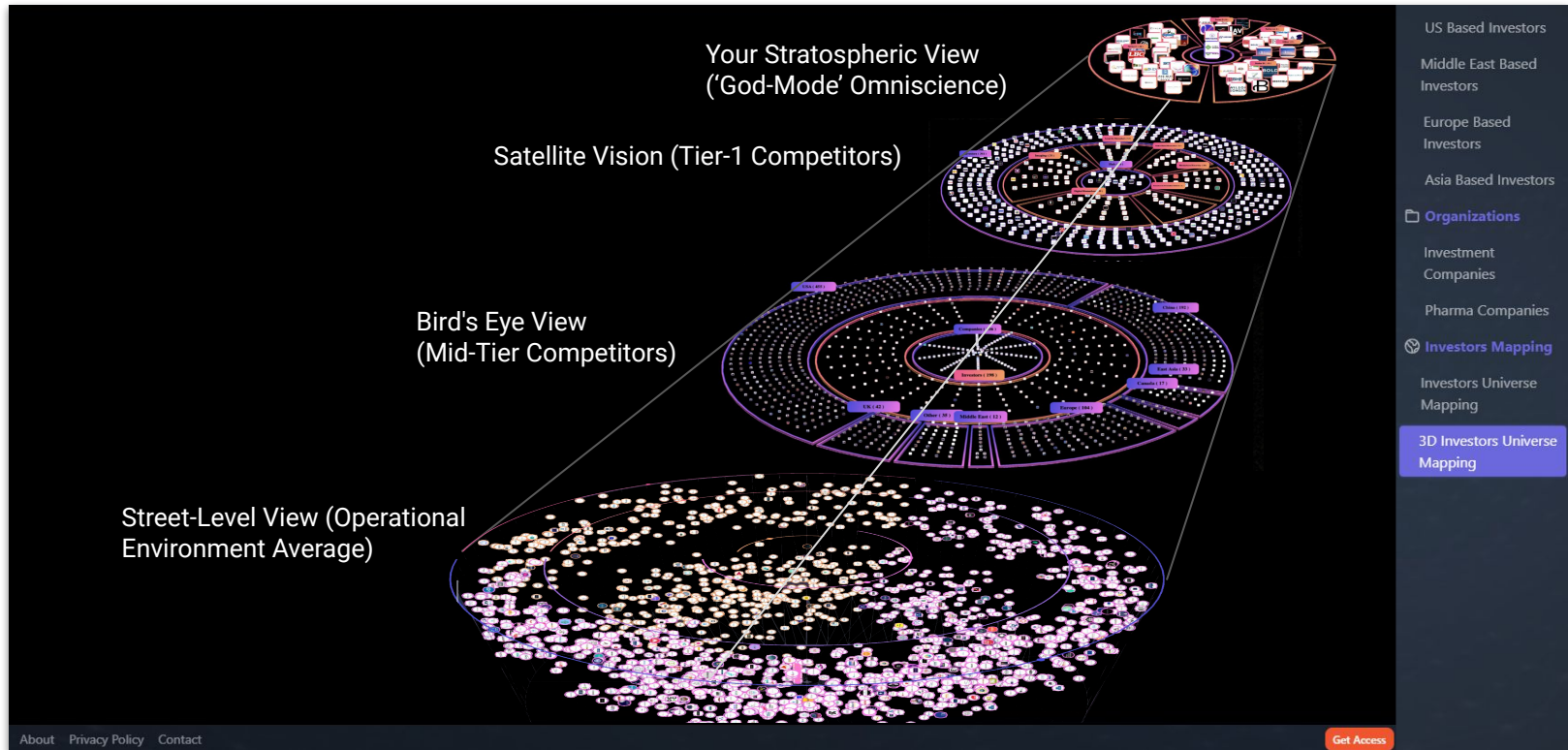


$TSOAE$ (Total Synthetic Operational Environment Awareness) = TOA (Total Informational Awareness) + $TOAE$ (Total Operational Environment Awareness) + TDA (Total Disinformation Awareness)

Through increasingly realistic levels of emulation (increasing data depth and number of modelled parameters), we provide total awareness of the client's operational environment, and distinguishes between different types of awareness including informational, disinformational operational environment, synthetic operational environment awareness.

Operational Omniscience, Omnipresence and Omnipotence: Activating 'God-Mode'

Our system gives its users an unfair systemic edge over competitors by magnifying the depth and breadth of their operational environment awareness and capacity for tactical execution to unprecedented levels, providing them with the equivalent of a view from space ('God-Mode') compared to their peer's bird's eye and street-level views.



Platformizing Psychology: Emotional Engagement Intelligence (E²Q) Tech

Selling by Listening - Leveraging Emotional Analysis in Engagement Relations

Deep Lead Profiling and Analysis to Identify and Predict Emotional Triggers

AI Co-Pilots for Automated Recommendations on E²Q Sales and Engagement

Methodologies and Protocols to Direct Dealflow Outcomes Based on Emotional Triggers

Systematizing and Formalizing Emotive State Prediction for Dealmaking

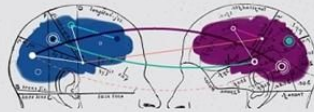
HAPPY SALES TO YOU

CONVEY EMOTION TO DRIVE CONSUMER RESPONSE

Wouldn't it be great if you could make your audience do exactly what you wanted? It doesn't take a magic spell or class in hypnosis; all you need is a little neuroscience and psychology.

KNOW YOUR EMOTIONS

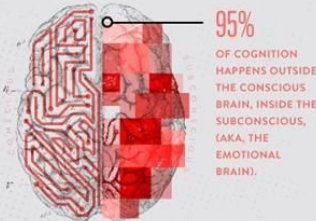
There's nothing more powerful than emotional connection. So complex at the root of humanity, it drives the thoughts and actions that define us.



The human brain makes about **10,000 DECISIONS PER DAY**, on average, many of which revolve around buying.

90% OF THOSE DECISIONS ARE MADE SUBCONSCIOUSLY.

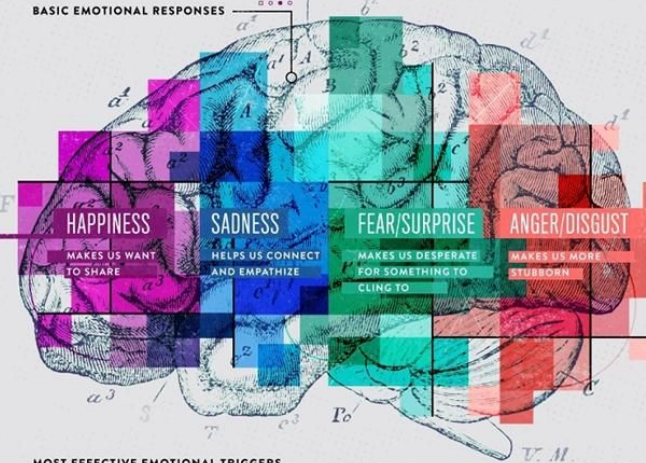
With the majority of our decisions made outside conscious thought, consumers often aren't even aware of their thoughts or feelings toward certain brands.



As science rapidly progresses, however, we now have a better understanding of how emotion affects consumers' reactions to brand awareness and marketing content—which can come in very handy when put to the right use.

ELICIT THE RIGHT RESPONSE

Understanding the basics of neuroscience and psychological thought gives marketers an advantage in building strong customer relationships.



MOST EFFECTIVE EMOTIONAL TRIGGERS

- TRUST
- VALUE
- BELONGING
- INSTANT GRATIFICATION
- LEADERSHIP
- TREND-SETTING
- GUILT
- FEAR
- COMPETITION
- TIME

SOURCE: ISPO NEWS | HARVARD BUSINESS SCHOOL | KISSMETRICS | ENTREPRENEUR | HUFFINGTON POST

MAKE IT COUNT

We process emotional responses six faster than logical ones, making emotional judgments before drawing logical conclusions.



EMOTIONALLY BASED CAMPAIGNS SEE HIGHER PROFIT GAINS THAN ONES APPEALING TO RATIONAL THOUGHT.



By eliciting an emotional response, you can build a strong connection with your audience, with impressive results.



Once you understand your target audience on a subconscious level, incorporating emotional triggers will drive stronger consumer interaction with your brand, ultimately amplifying sales.



Plug-and-Play Design and Interoperability

Modular, Open and Integrative System Design: Virtual and Physical Products, Service Providers and Systems

Modular System Assembly and Plug and Play Interoperability

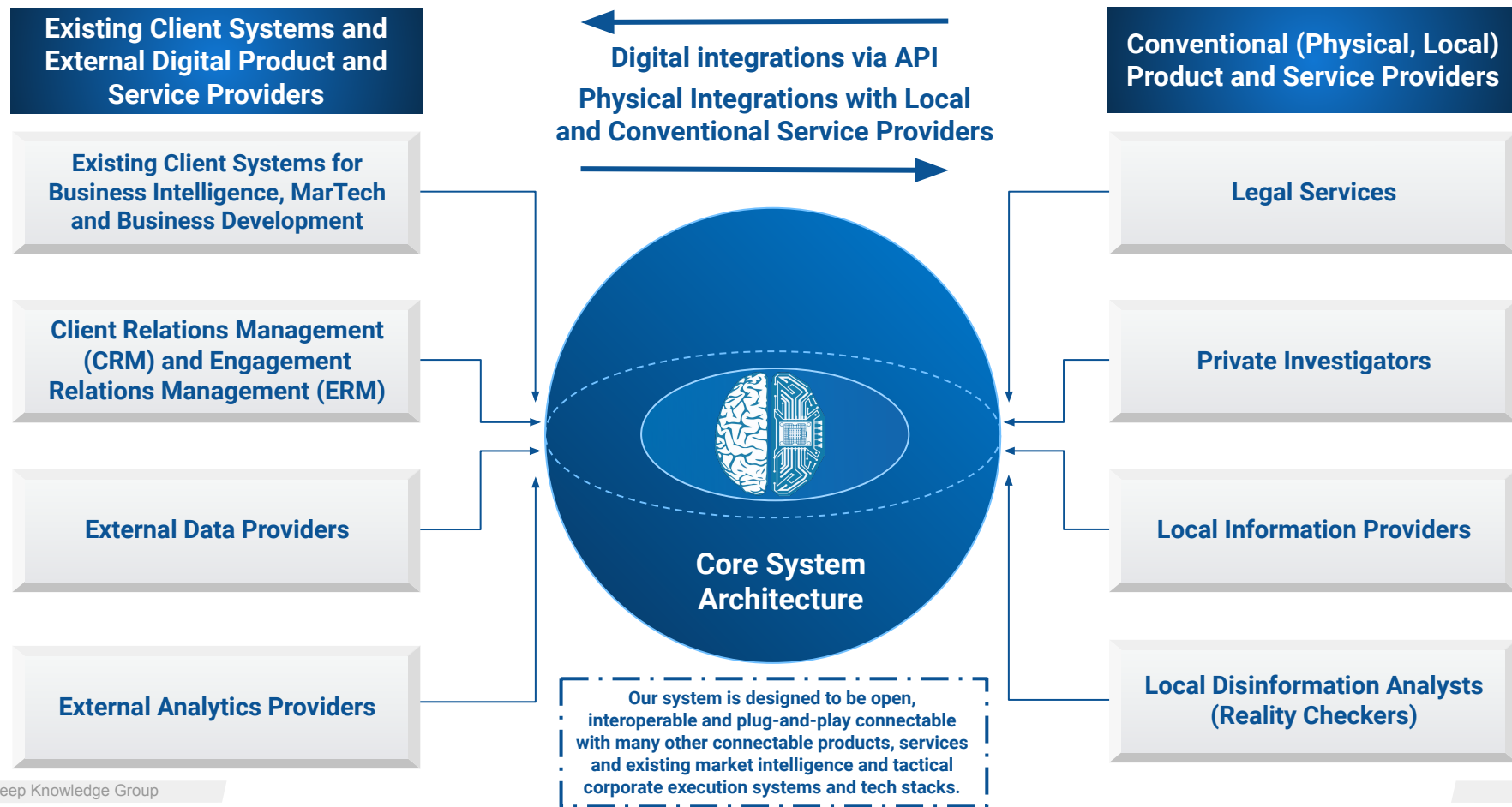
Our unified End-to-End Augmented Corporate Intelligence, Defense, Engagement, Analytics and Tactics engine has been designed to constitute the most advanced system and environment for technologically sophisticated competitive monitoring and analytics, strategy modelling, forecasting and testing, tactical execution, leads engagement, headhunting and semi-automated business development and partnerships formation available on the market.

Our systems are modularly built by design to be very easily reconfigurable according to client request, desire and specifications, and easily returnable to specific client needs. Modules can be added and removed, and more simplified, streamlined and use case-specific variants of our system (e.g., with emphasis on Business Development vs. Business Intelligence vs. Investment Relations vs. Head Hunting, etc) can be assembled with speed, ease and precision.

Our systems are also built to be easily integratable with tactically required regional resources and conventional service providers (by API for digital and IT services, and by design for physical products, services and resources in the client's operational location).



Plug-and-Play Interoperability with External Systems



Applying the Plug-and-Play Design Philosophy of Lego and Motherboards



Virtual Connected Services

Digital Data Providers

Easy No-Code Connectivity to Your Own Internal Systems

API Connection to Off-the-Shelf Tools, Products and Services

Extended System Overview

Major System Features, Functionality and Use-Cases

Multi-Layered Construction of End-to-End Operational Environment Emulation



Hybrid Solution
(Humans +
AI Co-Pilots)

Digital Twin: Total
Informational Awareness

Multidirectional Time Machines

3D MDVS Visualization + Emulation

MDVS Establishment + Expansion

Human Augmented Intelligence

Big Data Visualization

Big Data Analytical System

Database Creation


Pattern
Identification (ML)
and Scenario
Analysis (GenAI)

Full-Accuracy Multi
Vectoral Mathematical
Emulation of
Operational Universe

in silico Model
Building and
Forward-Backward
Propagation

Layered construction and systemic expansion towards 1:1 emulation accuracy (OE Digital Twin and Total Informational Awareness)

DKG Operational Environment Dashboard



DEEP KNOWLEDGE GROUP

DKG Operational Environment Mega Dashboard

Flagship DKG OE Proje...


54521
Total Data Points CCQQ

26663
Total Data Points UDM

2863
Number of CCQQ Criteria

2277
Number of UDMs


OE Information Platform



Operational Environment Information PLATFORM


www.dkv.global

OE Universe Analysis



www.dkv.global

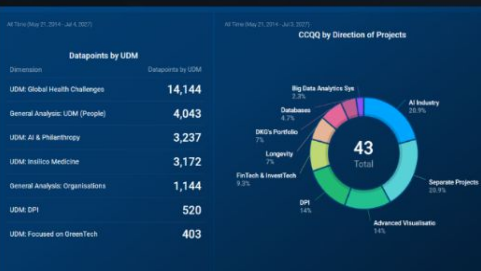
Operational Environment Strategic Documents



Operational Environment Strategic DOCUMENTS


www.dkv.global

Visual Summary of Mega CCQQ



43 Total

DKG OE Universe



OE Mega Spreadsheet

| Company | Year | Valuation | Revenue | Profit | Net Income | Market | Market Cap | Employees |
|----------------------|------|-----------|---------|--------|------------|--------|------------|-----------|
| Amgen | 2018 | 21.5B | 2.1B | 75.2% | 68.5% | US | 11.5B | 48,000 |
| Novartis | 2018 | 17.5B | 1.8B | 68.5% | 55.5% | US | 10.5B | 42,000 |
| Roche | 2018 | 16.5B | 1.7B | 72.1% | 65.1% | US | 10.2B | 40,000 |
| AbbVie | 2018 | 15.5B | 1.6B | 65.1% | 58.1% | US | 9.8B | 38,000 |
| Merck | 2018 | 14.5B | 1.5B | 68.1% | 60.1% | US | 9.5B | 36,000 |
| Sanofi | 2018 | 13.5B | 1.4B | 62.1% | 55.1% | US | 9.2B | 35,000 |
| Boehringer Ingelheim | 2018 | 12.5B | 1.3B | 60.1% | 52.1% | US | 9.0B | 34,000 |
| Dr. Reddy's | 2018 | 11.5B | 1.2B | 58.1% | 50.1% | US | 8.8B | 33,000 |
| Actavis | 2018 | 10.5B | 1.1B | 55.1% | 48.1% | US | 8.5B | 32,000 |
| Horizon Therapeutics | 2018 | 9.5B | 1.0B | 52.1% | 45.1% | US | 8.2B | 31,000 |
| Vertex | 2018 | 8.5B | 0.9B | 50.1% | 43.1% | US | 8.0B | 30,000 |
| Regeneron | 2018 | 7.5B | 0.8B | 48.1% | 41.1% | US | 7.8B | 29,000 |
| Moderna | 2018 | 6.5B | 0.7B | 45.1% | 38.1% | US | 7.5B | 28,000 |
| Bluebird bio | 2018 | 5.5B | 0.6B | 42.1% | 35.1% | US | 7.2B | 27,000 |
| Bluebird bio | 2018 | 4.5B | 0.5B | 40.1% | 33.1% | US | 7.0B | 26,000 |
| Bluebird bio | 2018 | 3.5B | 0.4B | 38.1% | 31.1% | US | 6.8B | 25,000 |
| Bluebird bio | 2018 | 2.5B | 0.3B | 35.1% | 28.1% | US | 6.5B | 24,000 |
| Bluebird bio | 2018 | 1.5B | 0.2B | 32.1% | 25.1% | US | 6.2B | 23,000 |
| Bluebird bio | 2018 | 0.5B | 0.1B | 30.1% | 23.1% | US | 6.0B | 22,000 |

904
Number of Competitors

469
Number of Peers

43
Total CCQQ Projects

7
Total UDM Projects

← Previous 1 2 3 4 5 ... 7 Next →

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OffWorld

Lyme Ventures Investme...

Insilico Medicine Invest...

DKG OE Main Commer...

Longevity mHealth

TechFinance

InvestTech Platform

Big Data Analytics System

Deep Pharma Intelligence

BTQ

Valour

OffWorld

NanoX Vision

BizDev Tools

Visual Assessment Tool

Automated Proposals T...

Main OE Components

OE Mega SpreadSheet

Macroparameters Visual...

DKG OE Evolution

Architecture Scheme

Universe Interconnections

OE Universe Analysis

Logical Schema

Hierarchical Tree of CCQQ

Round Cumulative Benc...

Macroparameters Panel ...

Main Dashboards

BI Department

All UDMs & Personalities

BizDevTech Dashboard

OSINT

Companies Analysis

Leads Analysis

Enhanced Due Diligence

Interconnections Mappi...

Semantic Analysis

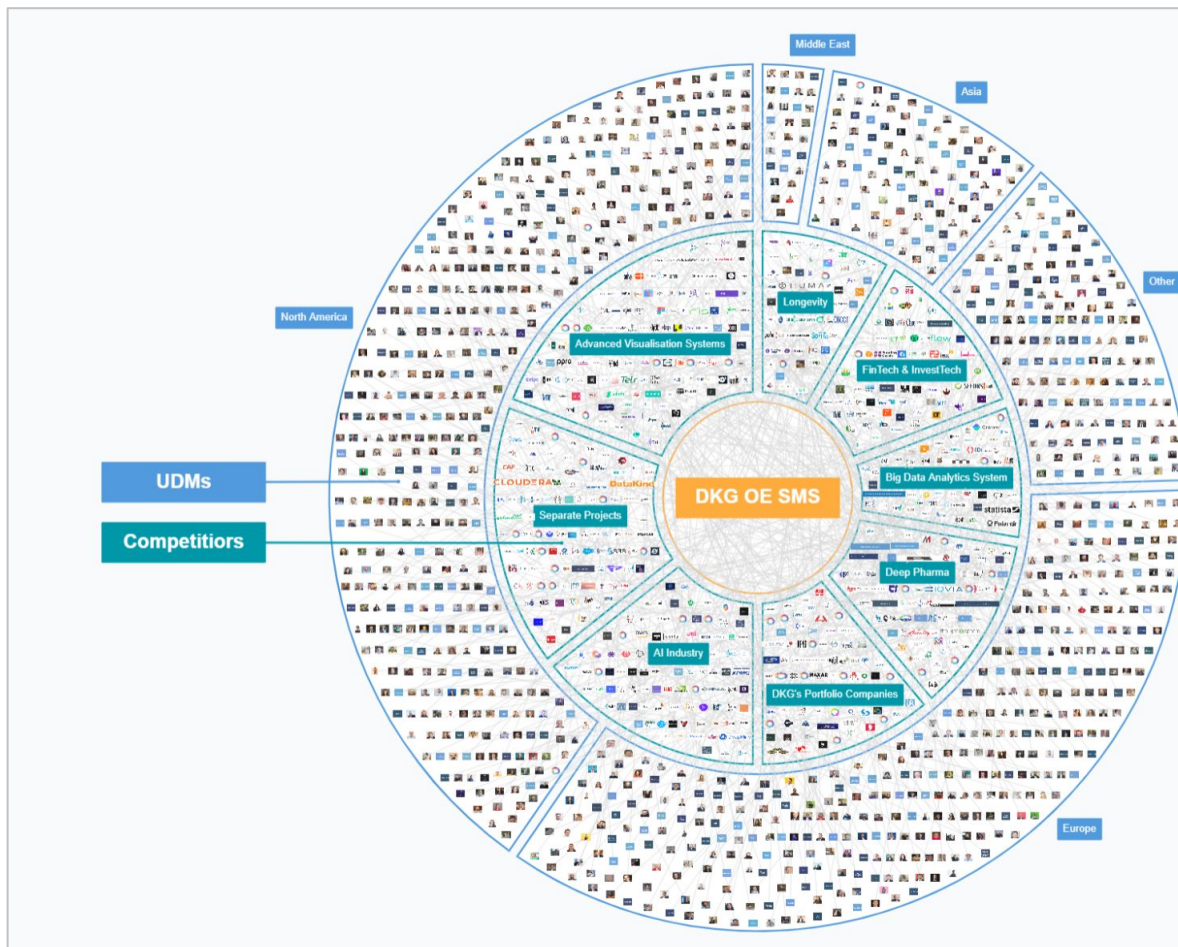
Informational platform

Web-platform

Marketing Materials

Data Room

DKG Operational Environment Landscape



☰ Main OE Components

- OE Mega Spreadsheet
- Macroparameters Visual...
- DKG OE Evolution
- Architecture Scheme
- Universe Interconnections
- OE Universe Analysis
- Logical Schema
- Hierarchical Tree of CCOQ
- Round Cumulative Benc...
- Macroparameters Panel ...
- Meta Database
- CCOQ Database

🤖 CCOQ Analysis Bot

- Bot for SOE V1

📊 Main Dashboards

- BI Department
- All UDMs & Personalities
- BizDevTech Dashboard

🔍 OSINT

- Companies Analysis
- Leads Analysis
- Enhanced Due Diligence
- Interconnections Mappi...
- Semantic Analysis

Deep Mapping of Operational Environment Peer-to-Peer Interconnections

OE_Universe_Analysis basic mode

concepts and @mentions

Filter: All Statements (571 | 100%) AI Summarize

3 months ago

[Company: @AmazonRedshift] [file: Infranodus-mega-ccqg_sheet]

@AmazonRedshift
@SWOTDatabaseManagementSystem
@DKG

3 months ago

[Company: @Confluent] [file: Infranodus-mega-ccqg_sheet]

@Confluent
@SWOTDatabaseManagementSystem
@DKG @JayKreps

3 months ago

[Company: @PostgreSQL] [file: Infranodus-mega-ccqg_sheet]

@PostgreSQL
@SWOTDatabaseManagementSystem
@DKG

3 months ago

[Company: @TeradataVantage] [file: Infranodus-mega-ccqg_sheet]

@TeradataVantage
@SWOTDatabaseManagementSystem
@DKG

3 months ago

[Company: @HadoopHDFS] [file: Infranodus-mega-ccqg_sheet]

@HadoopHDFS
@SWOTDatabaseManagementSystem
@DKG

3 months ago

Text Analytics Panel

AI Insights Main Ideas Blind Spots

Relations Sentiment Stats

Main Ideas Summary: 7

The text provides a detailed overview of various companies and their related concepts, such as bioimmunitas, SWOT analysis, advanced visualization systems, AI, and database management systems. It also includes connections to machine learning, data science, and specific industry players like Pfizer, Everest, and Novartis.

1. Database Management 2. AI Social Media

3. Advanced Visualization 4. Angel Investing

save to notes copy [Reveal Underlying Ideas](#)

Question to Explore: 7 highlight in network

How can the collaboration between tech innovators like @avlok kohil and platforms such as @angel list enhance the development and visibility of advanced visualization systems (@sw ton bi, iradvancedvisualisationsystems) in the context of AI social media channels' SWOT analysis?

save to notes copy to AI [Reload Question](#)

Help & Manual

ai chat next advice

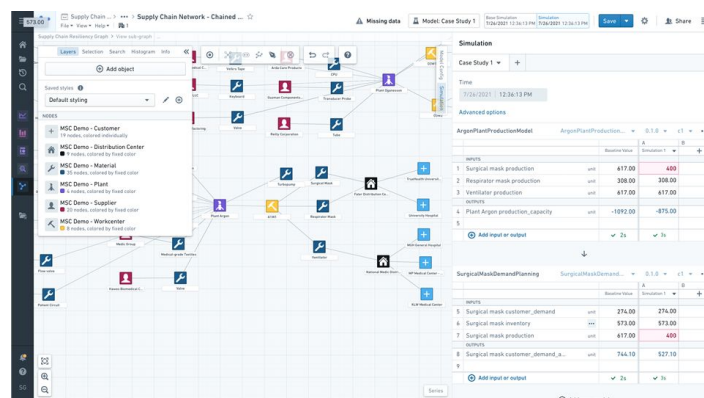
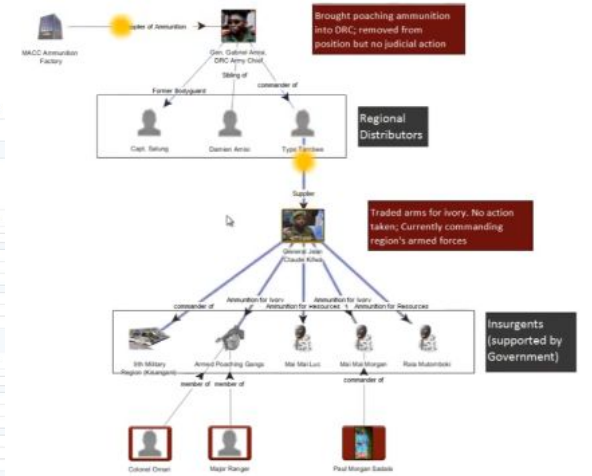
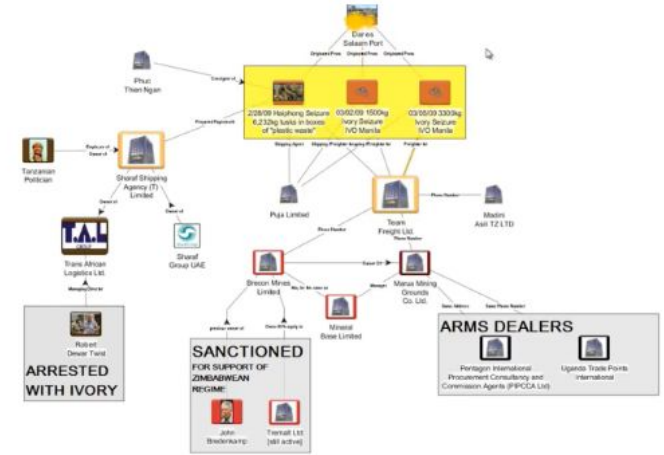
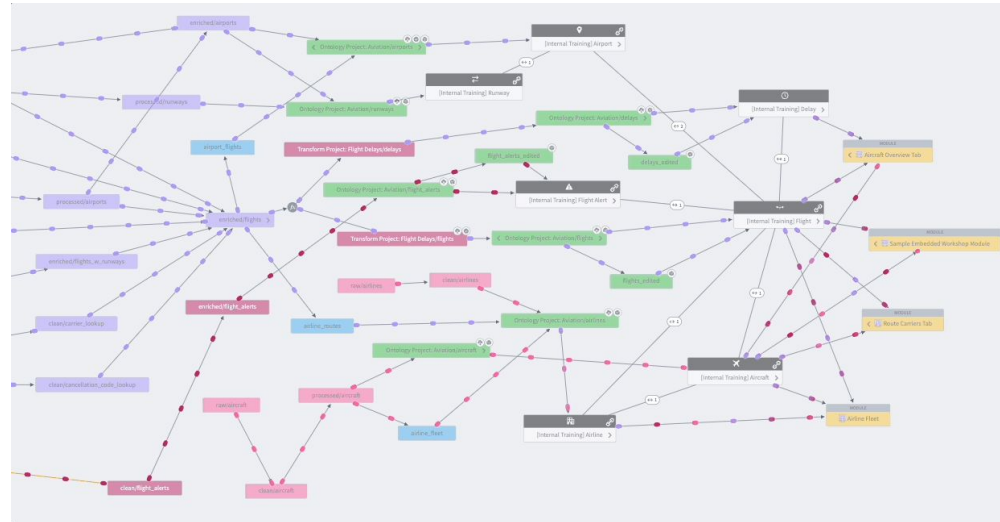
Bridge the gap between these smaller clusters on the graph: 4. Angel Investing: @avlok kohil, @angel list and 3. Advanced Visualization: @sw ton bi, iradvancedvisualisationsystems?

derive from this context using the GPT-4 AI module:

Question Chat Ideate Google It

analytics

Visualizing Complex Entity-to-Entity Interactions in Operational Environment



System Precedents

*Applying the Military Intelligence Design Principles of
Palantir Gotham, ARX Capital and Microsoft
Battlefront to End-to-End Corporate Defense*

It's Time to Rethink the Capital Markets

Providing data-backed solutions for pre and post-IPO companies. ARX enables growth, insights, and threat mitigation in a world of fragmented and uncorrelated investor data.

Get Started



Arx is a Latin word meaning "citadel". In the ancient city of Rome, the arx was located on the northern spur of the Capitoline Hill, and is sometimes specified as the Arx Capitolina.

In Rome, sentries were traditionally posted on the Arx to watch for signals displayed on the Janiculum if an enemy approached. A red flag would be raised. The Arx was considered the point of last retreat, the capture of which was synonymous with the capture of the city. It thus held a symbolic power beyond its importance in military strategy, and was a central place in archaic Roman religion.



We see ourselves as your capital markets citadel. We are your eyes and ears, able to signal when a threat is approaching and mitigate it. We become a core strength of every company we work with, and play an important role in their strategy and management. We are boots on the ground soldiers and your military strategists and will help you emerge victorious from your toughest battles.

Entrepreneur

Forbes

yahoo!
finance

HACKERNOON

ATHOR
TECHNOLOGY

Being a public company in 2024 is no simple task

Public companies today face a complex landscape. With decentralized investors, fragmented data and information overload, operating your capital markets facing strategy is like adding adding an entire department to your company. Most companies are unprepared, and leave the capital markets frontier by the wayside.

ARX was built to help you navigate the turbulent waters of the modern capital using data and advanced strategies to maximize your impact, and mitigate risks. Our unique blend of technologies and services is unparalleled and is your unfair advantage.



Rotem Gantz
CEO

Serial entrepreneur and former advisor to Unit 8200 and Head of Innovation at IDF Spokesperson Unit. Former CEO of DoMedia.



Yehuda Leibler
PRESIDENT, CSO/CTO

Former Innovation Strategist & Commander in 8200. Founding Partner at Invicta Ventures and Former CEO of Cortex Group.



Gilad Mandel
SR. CONSULTANT

Former Editor of BizPortal, expert in financial analysis and reporting. Years of experience in the capital markets

Business Intelligence for Your Mission Critical Goals

Group71 is a leading developer and provider of technologies in the field of data collection and analysis, with a focus on business intelligence methodologies and platforms.

Founded by veterans of the IDF's elite intelligence, data, and digital units, Group71 is not just another tech company.

Business Intelligence

Using advanced technological tools and capabilities to access and mine data, providing actionable intelligence supporting decision-making and strategy.

Perception Engineering

Injecting perception analytics to your strategy and bringing military precision to your business narrative redefining how you approach every commercial scenario.

Special Data Ops

Harnessing the power of data with our advanced mining solutions. Transforming raw data into actionable insights, driving your business forward.

ARX | CAPITAL
MARKETS

It's Time to Rethink the Capital Markets

Providing data-backed solutions for pre and post-IPO companies. ARX enables growth, insights, and threat mitigation in a world of fragmented and uncorrelated investor data.

Get Started

Entrepreneur

Forbes

yahoo!
finance

Being a public company in 2024 is no simple task

Public companies today face a complex landscape. With decentralized investors, fragmented data and information overload, operating your capital markets facing strategy is like adding adding an entire department to your company. Most companies are unprepared, and leave the capital markets frontier by the wayside.

ARX was built to help you navigate the turbulent waters of the modern capital using data and advanced strategies to maximize your impact, and mitigate risks. Our unique blend of technologies and services is unparalleled and is your unfair advantage.

Corporate Battlefront Visualization: Palantir Gotham

Palantir

AIP Foundry Gotham Apollo / AIP Bootcamps

Get Started



Schedule an AIP Bootcamp →



Platforms

Foundational Software of Tomorrow.
Delivered Today.™

↳ AIP

Get AI Into Operations

[Explore AIP →](#)

↳ Foundry

Operating System for the Modern Enterprise

[Explore Foundry →](#)

↳ Gotham

Operating System for Global Decision Making

[Explore Gotham →](#)

↳ Apollo

Operating System for Continuous Delivery

[Explore Apollo →](#)

What Makes Palantir Platforms Powerful

Day 1 Value

Our platforms deliver value out of the box.

Days, not years.

[↳ Explore Platforms](#)

AI Decision Advantage Across Your Organization

Bring intelligence to your entire enterprise, and to the core of the decisions and operations that matter most.

[↳ Explore Offerings](#)

Full Stack Interoperability

Palantir meets you where you are, automatically connecting with and enhancing your existing data systems.

[↳ Explore Interoperability](#)

Multi-Layered Security and Data Privacy

Our approach to security enables collaboration instead of inhibiting it. With founding roots in intel and defense, Palantir carries certifications or attestations of compliance for the most stringent standards, including FedRamp, IL5, and more.

[↳ Explore Security](#)

Most powerful warfare AI system

Gotham

Your software is the weapons system

Collaborate across the target lifecycle

Palantir Gotham is a modern solution for efficient and responsible target management. Users can centrally manage intelligence gathering and target identification, leveraging a shared and access-controlled common intelligence, operating, and targeting picture to visualize order of battle.

Data-Centric

Integrates and visualizes models and data, regardless of type or volume.

Secure

Drives organization-wide collaboration with stringent, platform-wide security.

Interoperable

Offers federated data systems, extensibility, and data export.

“[Palantir] came up with ground breaking technologies that help us make better decisions in combat zones. You are giving us advantages right now that we need.” —

General James N. Mattis
Fmr. US Secretary of Defense

Operating System for
Global Decision-Making



Microsoft Battlefront (\$22 Billion Defense Contract with US Government)

DEFENSESCOOP

Topics ▾ Events Podcasts Videos DefenseSc

SPACE

Space Force taps Microsoft to build cloud-based, simulated space environment

The Integrated, Immersive, Intelligent Environment (I3E) is an augmented reality space simulation powered by Microsoft's HoloLens headsets.

BY MIKAYLA EASLEY • JANUARY 8, 2024



Capt. Drake Williams, I3E program manager, interacts with I3E's augmented reality space simulation at the SpaceDEN, a Science Applications International Corporation (SAIC) facility located in El Segundo, Calif. (U.S. Space Force photo: Capt. Calvin Suratos)

Microsoft | Official Microsoft Blog Our Company ▾ News and Stories ▾ Press Tools ▾

Microsoft continues commitment to US Department of Defense with JWCC selection

Dec 8, 2022



Palmer Luckey partners with Microsoft to turn US soldiers into Starship Troopers



Integrating IVAS with Anduril's Lattice software aims to keep soldiers informed of battlespace threats. Image: Anduril

/ Anduril is teaming up with Microsoft to improve the Army's HoloLens-based headsets with real-time threat updates.

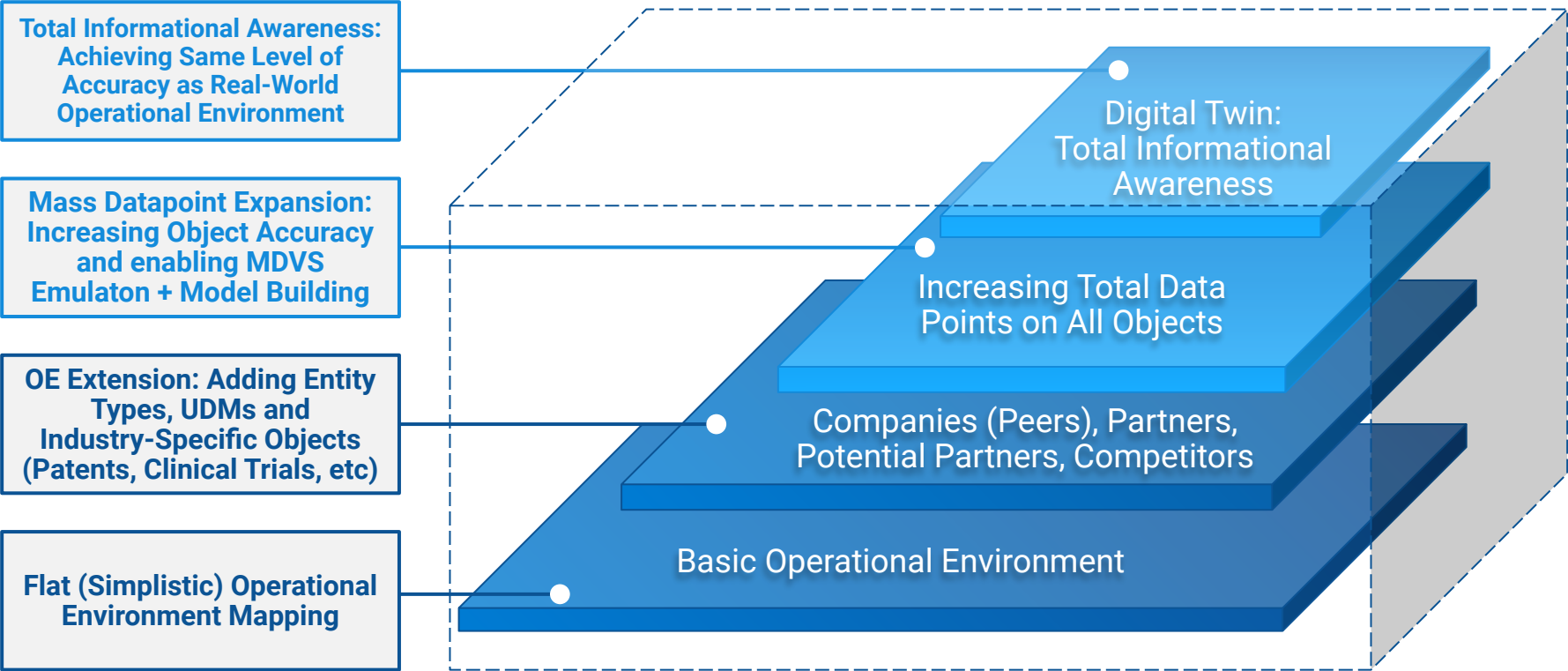
By Jess Weatherbed, a news writer focused on creative industries, computing, and internet culture. Jess started her career at TechRadar, covering news and hardware reviews.

Sep 19, 2024, 7:53 AM EDT

14 Comments (14 New)

System Technological Architecture

AI-driven Big Data Analytics System IT Architecture



Advanced Augmented Reality Features (Navigable 3D Data Environments)

DKG Operational Environment Part 1

DKG Operational Environment Part 2

DKG Operational Environment Part 3

DKG Operational Environment Part 4

DKG Operational Environment





54521
Total Data Points CCOQ

26663
Total Data Points UDM

2863
Number of CCOQ Criteria

2277
Number of UDMs

- Main OE Components
 - OE Mega Spreadsheet
 - Macroparameters Visual...
 - DKG OE Evolution
 - Architecture Scheme
 - Universe Interconnections
 - OE Universe Analysis
 - Logical Schema
 - Hierarchical Tree of CCOQ
 - Round Cumulative Benc...
 - Macroparameters Panel ...

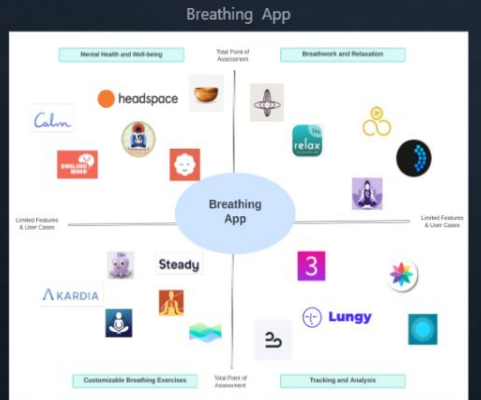
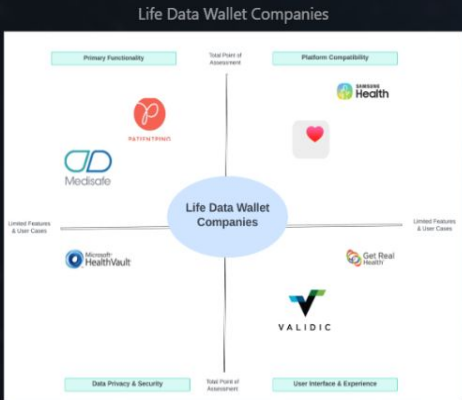
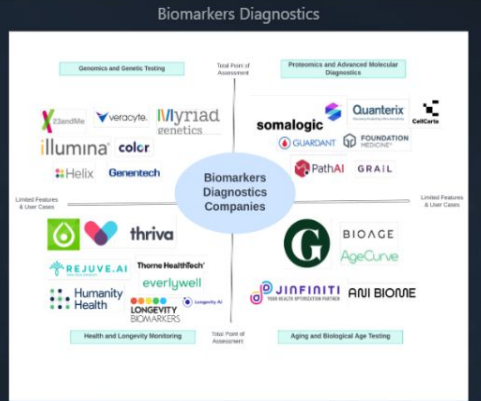
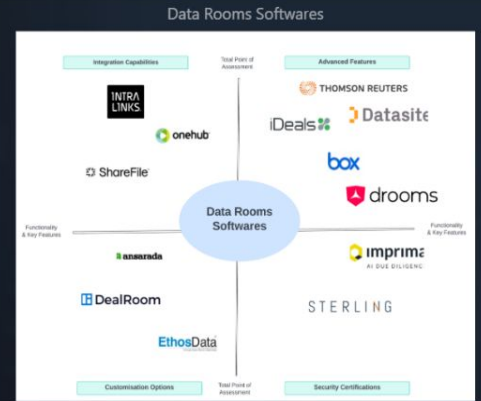
- Main Dashboards
 - BI Department
 - All UDMs & Personalities
 - BizDevTech Dashboard

- OSINT
 - Companies Analysis
 - Leads Analysis
 - Enhanced Due Diligence
 - Interconnections Mappi...
 - Semantic Analysis

- Informational platform
 - Web-platform

- Marketing Materials
 - Data Room

New Entry



904
Number of Competitors

469
Number of Peers

43
Total CCOQ Projects

7
Total UDM Projects

- BizDev Tools
 - Visual Assessment Tool
 - Automated Proposals T...
- Benchmarks
 - Competitors & Co-peti...
 - Data Rooms Software
 - Biomarkers Diagnostics C...
 - Life Data Wallet Compa...
 - Lyme Tribe App
 - Breathing App
 - Longevity Club

Dashboard Layers: Differentiation and Segmentation

End-to-End Dashboard
Combining All Features

Specialized Sub-Dashboards:
- Operational Environment
- Business Intelligence
- Engagement Relations
Management System (ERMS)

Universal Features Across All
Dashboards:

Advanced Big Data Design
(Visualization), AI-driven
Analytical Engine)

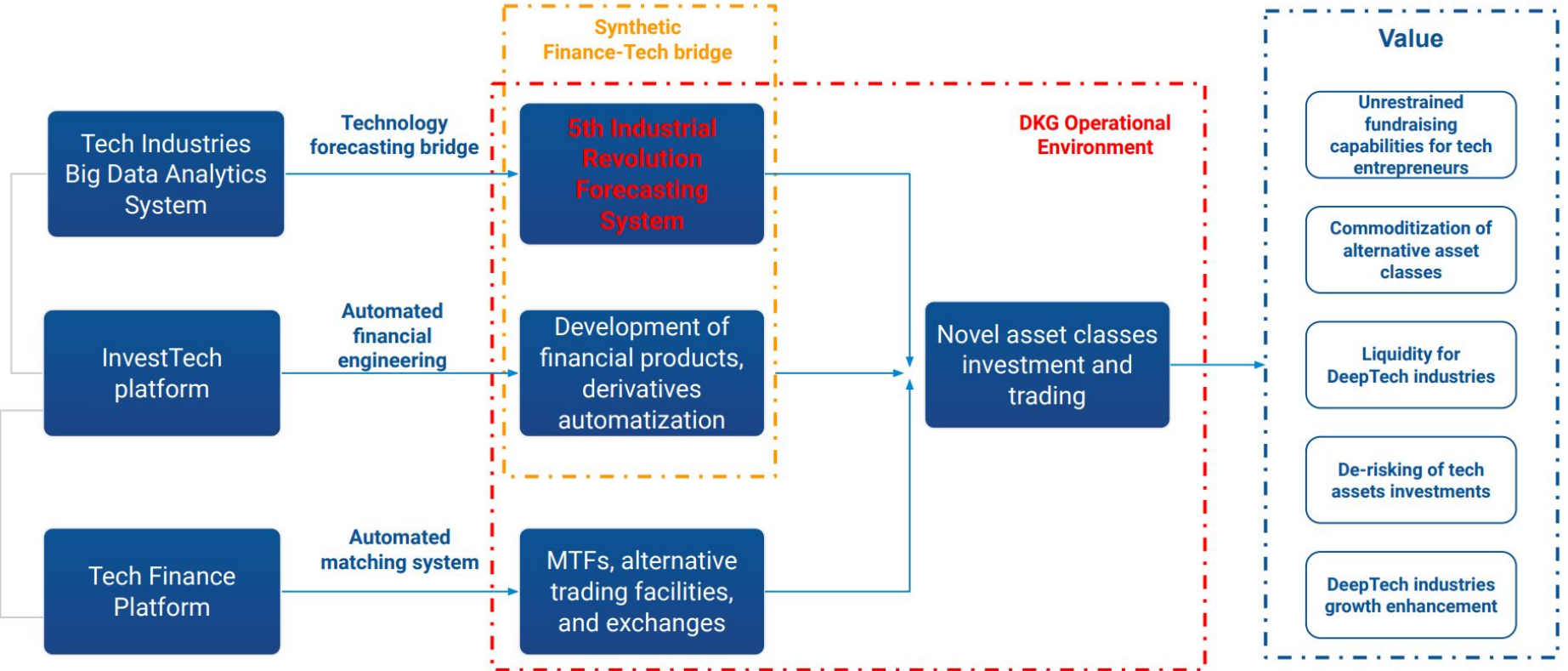
Specialized Features depending on client:

OSINT, human-created analytical reports
integrated via structured thematic storage, etc.

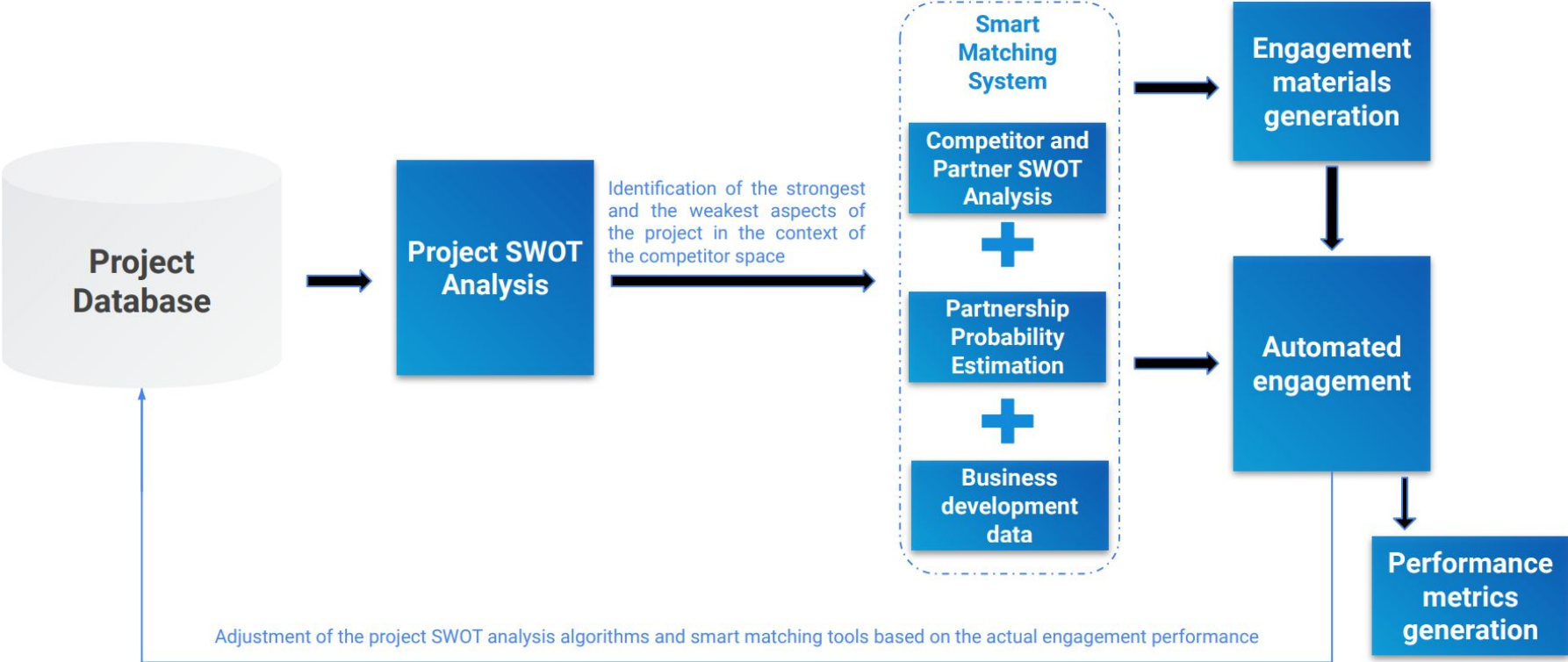
AI Co-Pilots to provide navigational assistance,
best practices for Dashboard use and
functionality, automated recommendations and
prompt-based interpretation of complex
user-generated analytics, forecasting and
benchmarking

AI-driven Synthetic Meta Analytical System with Strong Forecasting Engine

Resulting AI-driven Synthetic MetaSystem will be a combination of Big Data Analytics System (including 4th and 5th industrial revolutions), InvestTech Platform, Tech Finance Platform, and DKG Operational Environment.



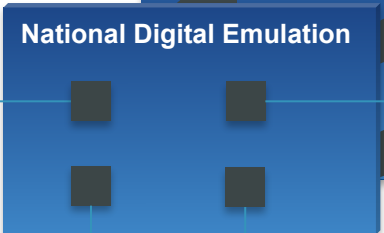
Operational Environment and Smart Matching System Pipeline



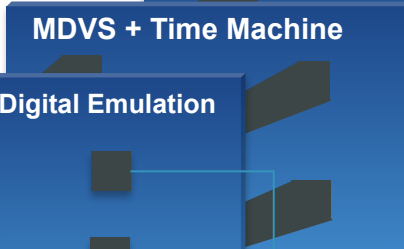
Evolution of DKG Analytics and Forecasting Assets into Digital Twin Emulation Tech

Hybrid Solution
(Humans +
AI Co-Pilots)

National Digital Emulation



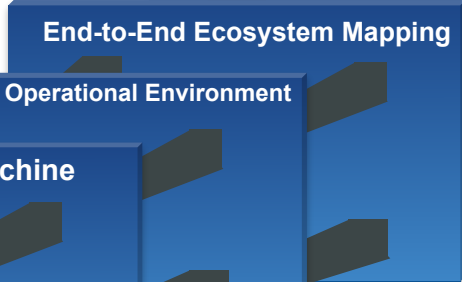
MDVS + Time Machine



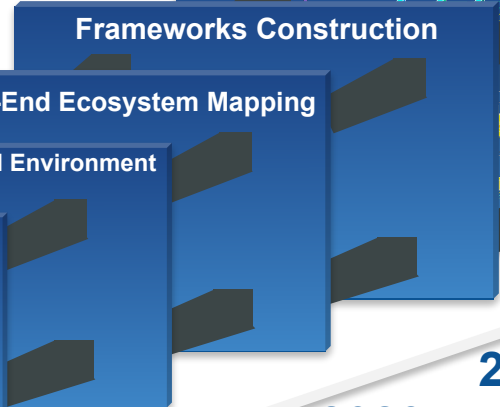
Synthetic Operational Environment



End-to-End Ecosystem Mapping



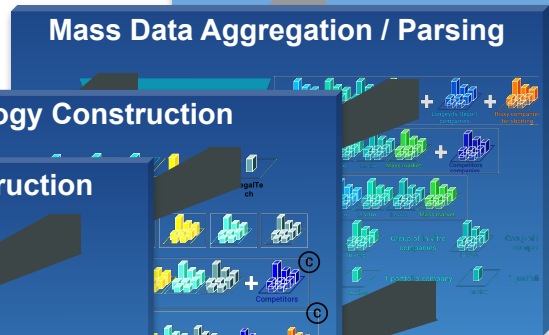
Frameworks Construction



Ontology Construction



Mass Data Aggregation / Parsing



Preliminary Analytical Research



Pattern Identification (ML) and Scenario Analysis (GenAI)

Structured Negative Recommendations (Preemptive Deep Defense)

Structured Positive Recommendations (SMS)

Multilayer systems - using the same approaches for different industries provides rapid development

2014

2023

2023

2023

2023

2024

2025



5th Industrial Revolution and Financial Futurism

Financial Futurism is an approach that seeks to understand the ways in which emerging technologies will impact the financial industry and to forecast future trends accordingly. We define novel financial instrument structuring as an important aspect of financial futurism under the framework of the 5th Industrial Revolution, as it involves the development of innovative financial products and instruments that can meet the evolving needs of investors and manage risks associated with technological developments.

Core Principles of Financial Futurism under DKG Vision MetaFund

Automated Structuring of Novel Financial Products

DKG aims to implement Big Data Finance system that will be able to build a virtual portfolio of structured financial instruments (including swaps, futures, bonds, etc.) tied to either tech companies or tech forecasting signals.

Deep Knowledge Group's Big Data Finance System will be focused on predictive identification of emerging tech trends and promising technologies which could bring the multiplier effect to finance space, namely through developing of tech-tied financial instruments

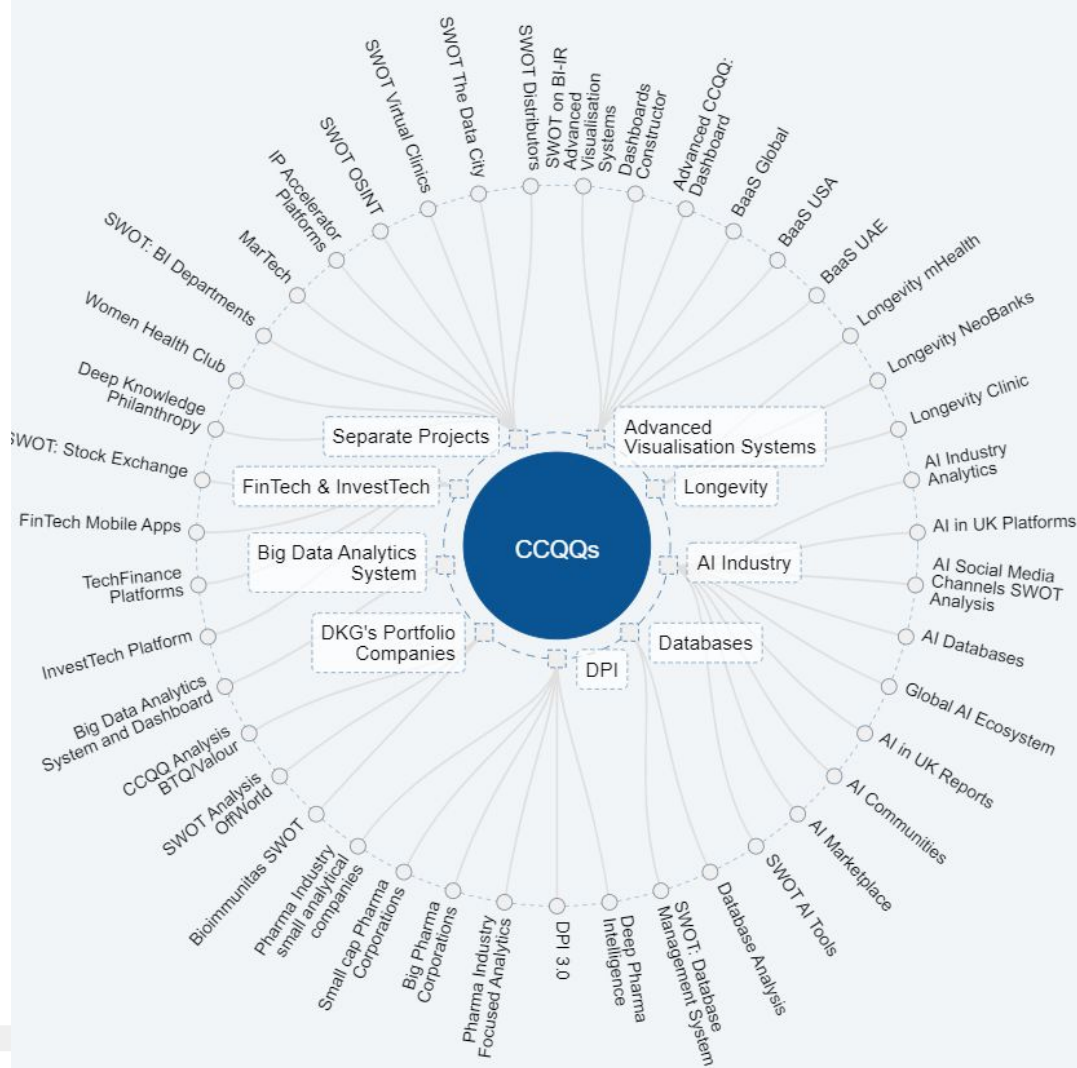
Synergisation of Tech and Finance Development

Enhanced Investors' Risk Management

With the help of advanced predictive analytics, investors and financial institutions will be able to analyze vast amounts of data to identify patterns and trends associated with technological advancement. This can help investors make more informed decisions about their investments and identify potential risks before they occur.

System Advanced Visualization Modalities

Big Data Design Meets 3D AR/VR

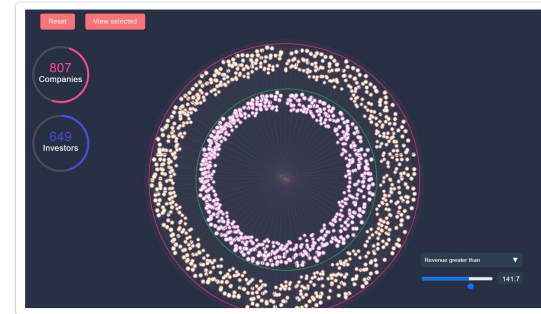
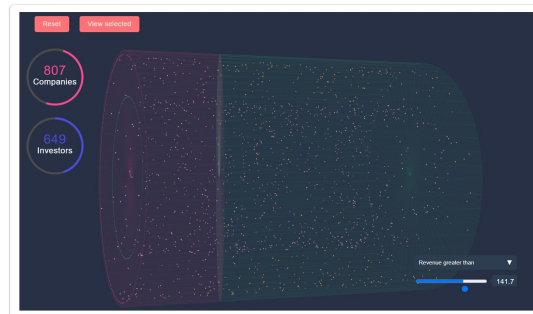
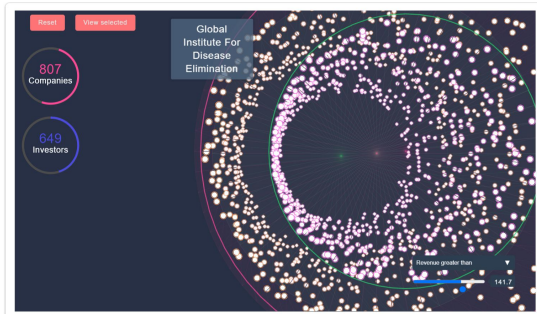
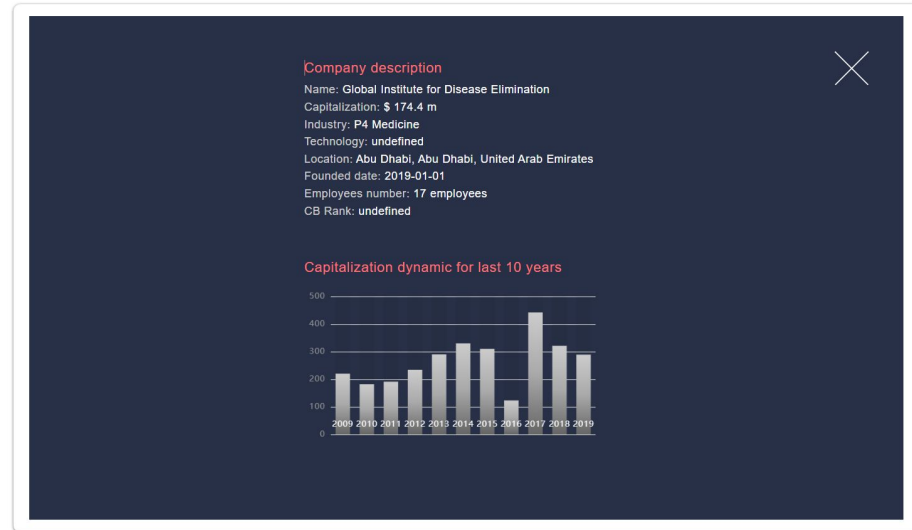
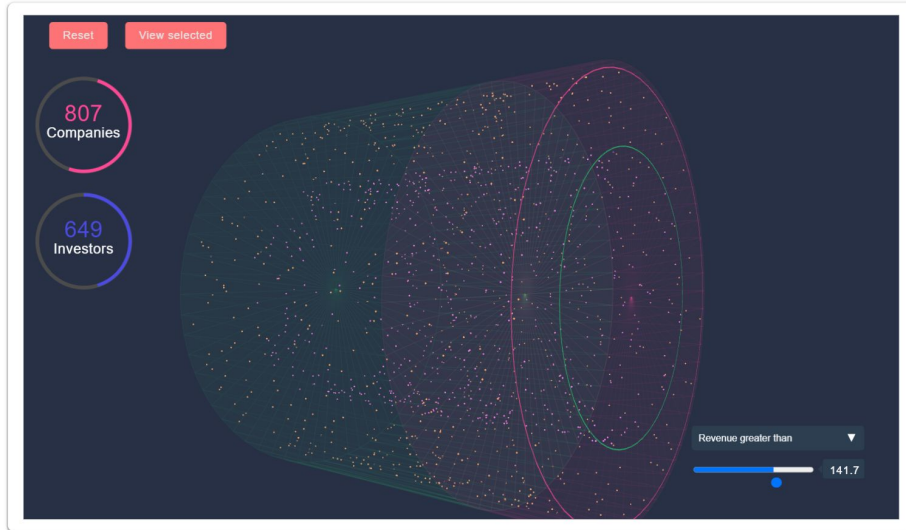


CCQQs

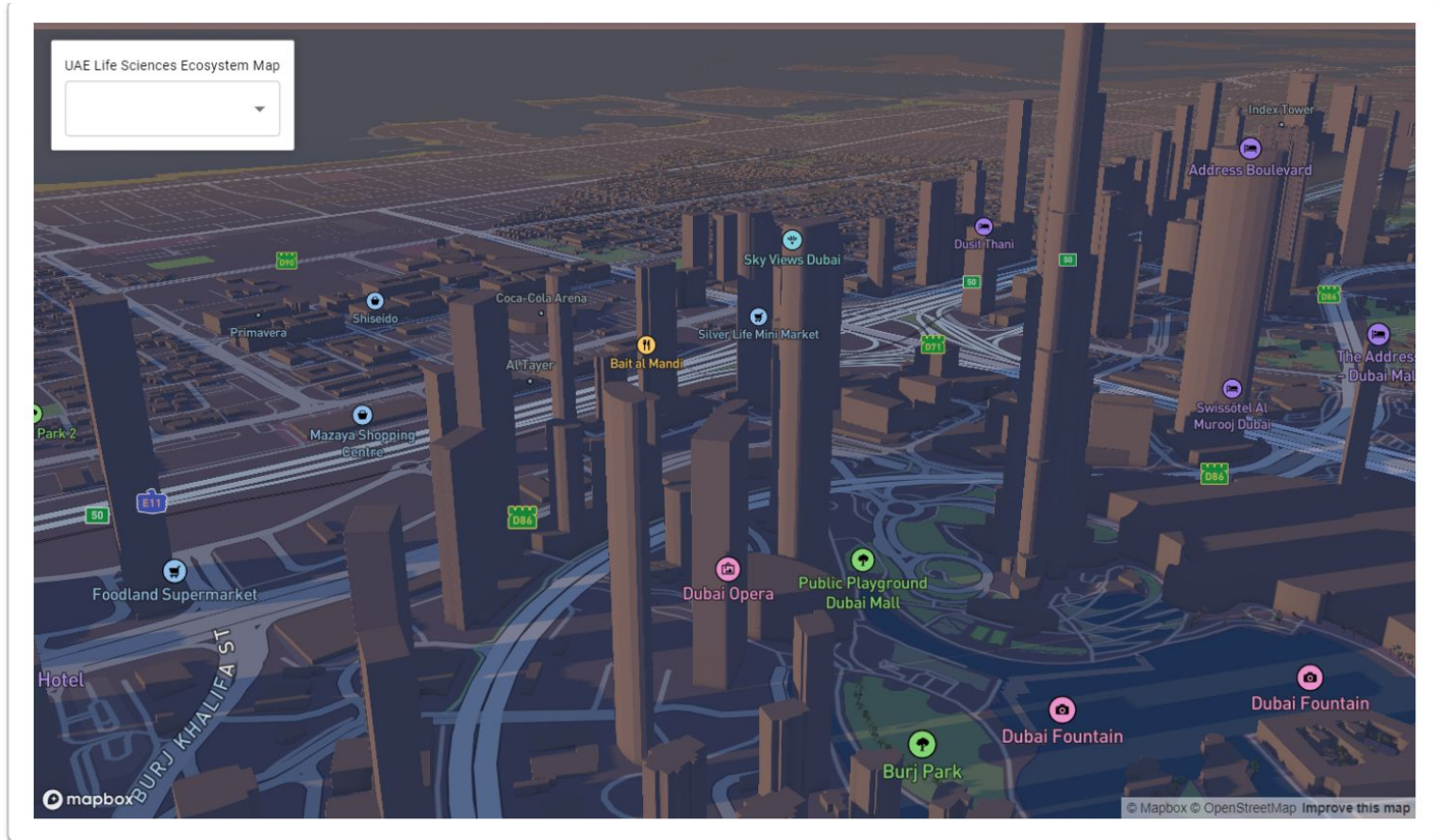
CCQQ (Competitive Competence Quantitative and Qualitative) analysis is a sophisticated methodology employed by Deep Knowledge Group to comprehensively assess the competitive landscape across various industries. This approach integrates both quantitative and qualitative analysis methods to provide a thorough comparison of competitors, enabling the identification of strengths, weaknesses, opportunities, and threats within the competitive environment.

CCQQs in Deep Knowledge Group represent a cutting-edge approach to competitive analysis, combining rigorous quantitative methods with insightful qualitative assessments. This comprehensive framework empowers the Group to make informed investment decisions, drive innovation, and maintain a competitive edge across its diverse portfolio. By leveraging CCQQs, Deep Knowledge Group continues to lead the way in advancing frontier technologies and achieving sustainable growth in high-impact sectors.

3D OE Universe (Time Machine Scrolling for Back and Forward OE Propagation)



Operational Environment Metaverse Maps



Deep Defense Intelligence (D²I) Module

Applying Military Intelligence Technologies and Approaches to Corporate Defense and Growth

Deep Defense Intelligence (D²I)

Most Advanced Investment Analytics and Business Intelligence System Tailored to Needs of Client

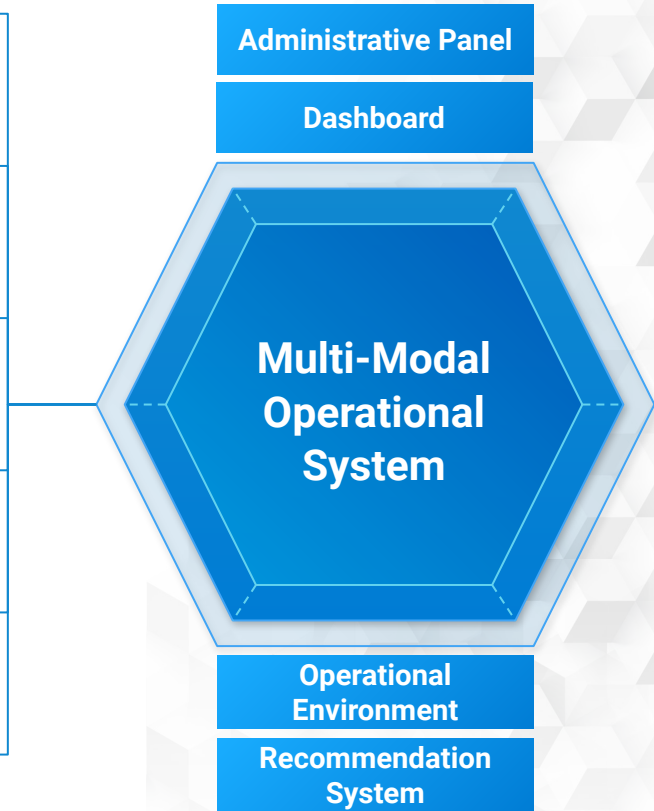
End-to-End Corporate Warfare and Defense Tech Stack: Black and White PR, Risk Profile SWOT, Continual Threats Monitoring

Applying Military and National Intelligence Tactics, Protocols and Psychology to Corporate Risk Assessment and Mitigation

Deep SWOT, Analysis, Profiling and Smart-Matching for Business and Investment Transactions and Partnerships

Operational Environment and Investment Universe Visualization, OSINT, Scenario Analysis, Risk Analysis Matrix

Analysis and Identification of Underperforming and Overvalued Companies (targets for short and long financial derivatives)



Deep Investment Intelligence Components

Component 1: Operational Environment Construction - Detailed map of the operational landscape, identifying key entities and their interactions.

Component 2: Investment Universe - Analyzes potential investors and their interests, providing insights into their investment behaviors and preferences within the industry.

Component 3: Personalities (UDMs) - Conducts in-depth analysis of Ultimate Decision Makers within organizations to understand their influence and decision-making patterns.

Component 4: OE of People - Maps the operational environments of key individuals, detailing their professional networks, influence, and strategic roles.

Component 5: OSINT of People and Organizations - Utilizes Open Source Intelligence to gather and analyze data about individuals and organizations, enhancing understanding of their strategies and market positions.

Component 6: Scenario Analysis - Offers tools for simulating various scenarios within the ecosystem, allowing firms to predict outcomes and plan strategies accordingly.

Component 7: Risk Analysis (Matrix) - Provides a comprehensive framework for identifying and assessing risks within the ecosystem, facilitating effective risk management strategies.

Deep Corporate Intelligence and Defense

The second layer of the project unites an end-to-end assembly of national defence-style corporate protection tactics and protocols under an end-to-end Dashboard-based White Label Solution. It specialises in sophisticated technologies and protocols inspired by tactics and strategies of national intelligence, warfare and black ops, but applied to proactive corporate defence, risk assessment and threat monitoring, and offensive crisis management.

Technically and structurally, it applies the same scope of core analytical methodologies, qualified quantified comparative and competitive analytics, market intelligence, monitoring and benchmarking protocols, and Data Science infrastructure used for Layer 1 (Deep Investment Intelligence), and applies it to the systematic profiling, monitoring and comparative analysis of all threats (both organisational and individual) to corporate stability, integrity and reputability, equipping companies with an ideal tech stack and protocol assembly to not only understand its current risk assessment profile and vulnerability, but also to monitor threats on an ongoing basis, proactively neutralise potential threats before they occur or become unmanageable, and optimise their current standing to establish a more favourable and defensible risk profile.

Its components include:

- 1. Current Risk Analysis**
- 2. Risk Mitigation and Prevention**
- 3. Media Crisis Management**
- 4. Continual Threat Monitoring**
- 5. Semi-Automated Recommendations for Threat Neutralization**
- 6. AI-Driven Semi-Automated Recommendations for Crisis Management**
- 7. Deep Profiling of Current Possible Threats (Corporate and Individual)**
- 8. Comparative Benchmarking and Forecasting of Future Potential Threats**

Deep Defense Module: Full-Stack Corporate Defense System

Business Intelligence

Market Monitoring,
Intelligence and SWOT

Ultimate Decision Makers
(UDM) Universe Analysis

Deep Profiling of
High-Impact Individuals

AI-Drive Smart Matching
System

Corporate Defence

Current Risk Analysis
(Profiling and Monitoring)

Risk Mitigation and Defense
Tactics and Protocols

Black and White PR, Threat
Intelligence Monitoring

National Defense-Style
Corporate Protection

Deep Investment Analytics

Investment Universe
Visualization

Identifying Targets for
Financial Engineering

Investment Banks Analysis,
M&A Target Identification

Pre-IPO and Early Post-IPO
Company Analysis

Full-Stack
Corporate
Defense and
Investment
Intelligence
System

Deep Defense Intelligence Proprietary Data

Your Data

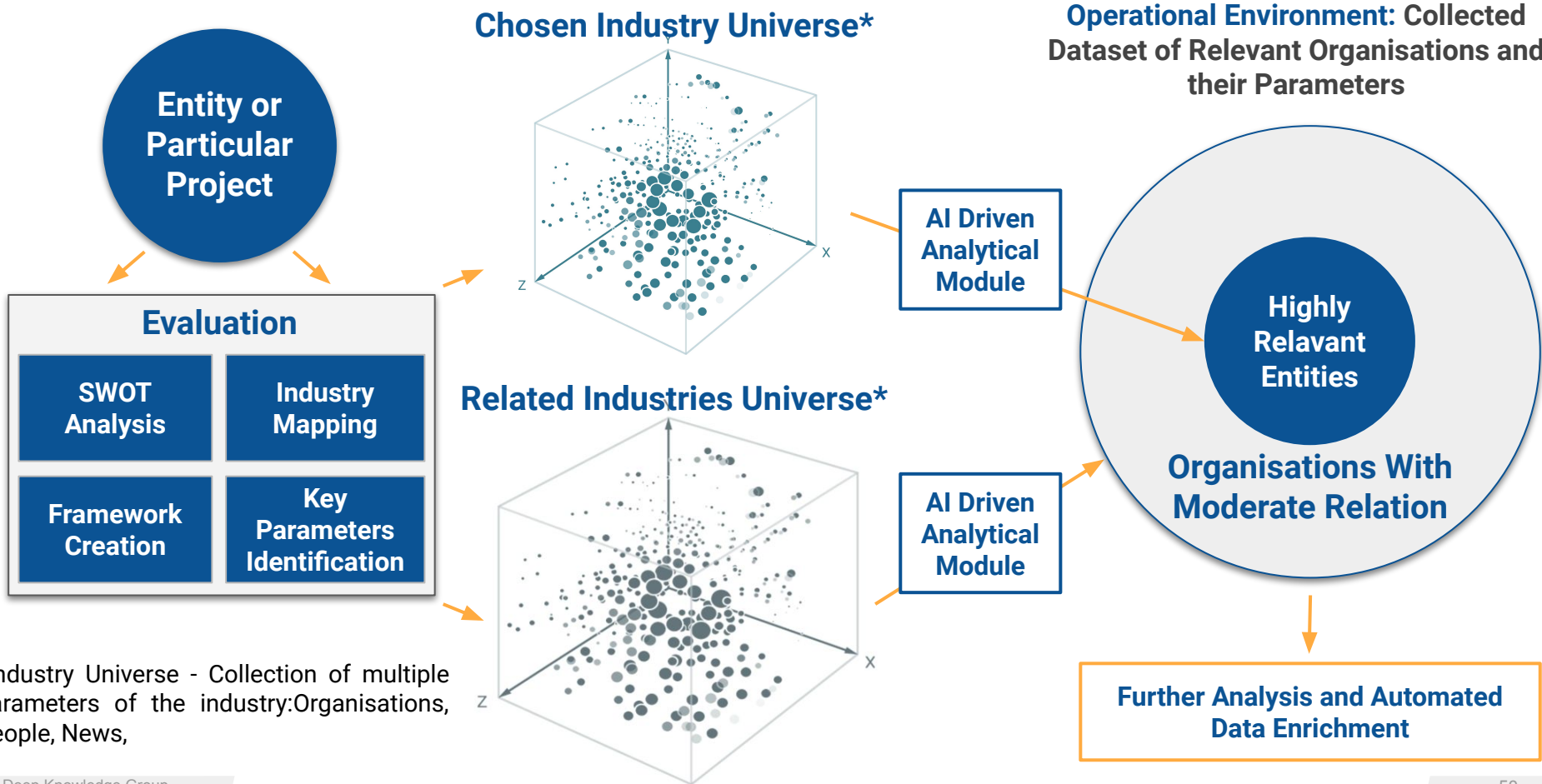
Advanced Assessment and Overview

Tailored Operational Environment and Enhanced
Analysis

Synthetic Operational Environment Mapping, Monitoring and Analysis

Extended Overview and Technological Stack

Operational Environment Establishment



*Industry Universe - Collection of multiple parameters of the industry: Organisations, People, News,

Thematic Modality Benchmark and Analytical Special Case Study

Parameters Analysis

Financial and Investment:

- Market Capitalization
- Total Funding Amount
- Revenue, Cash Flow, EBITDA
- Last Funding Round Valuation

Partnerships:

- Number of Partnerships
- Combined Value of Signed Deals

Product Analysis:

- Number of Clinical Trials by Phases
- Number of Patents
- Number Platforms Elements
- Number of Contracts with CROs
- Number of Platforms Customers

Additional:

- Number of Employees
- Number of Conferences
- Number of Articles
- Number of Website Visits
- Other

Chosen Companies Valuation

Financial Position

- Funding Amount
- Revenue, Cash Flow, EBITDA
- Market Capitalization

Product In-depth Analysis

- Number of Products
- Novelty of Products
- Products Modalities
- Cost of Development
- Market Size of Potential Products

Other Factors

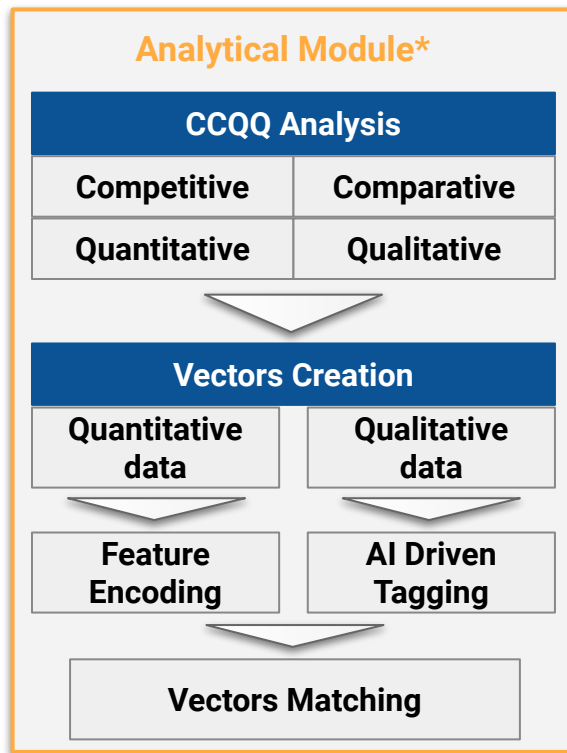
- Partnerships
- Scientific Background
- SaaS Solution
- International Presence

Chosen Industry
Analytical Case
Study

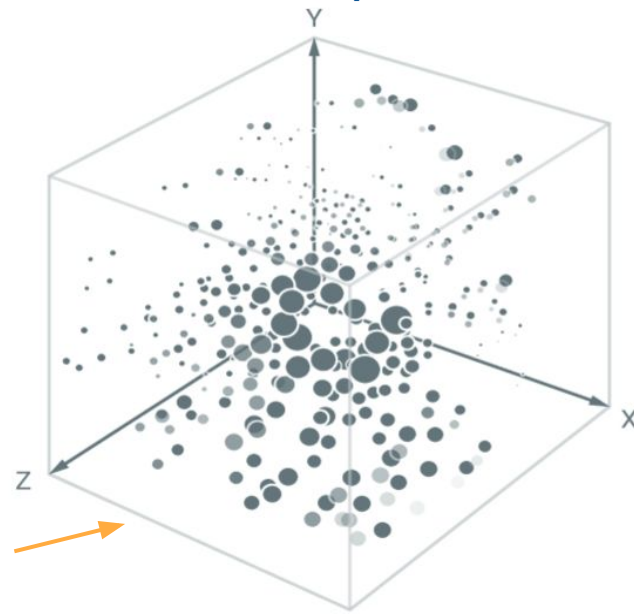
Chosen Industry
Modality
Benchmark

Multi Dimensional Vector Space Establishment

Enriched Dataset of Relevant Organisations and their Parameters



Industry Specific Multi Dimensional Vector Space



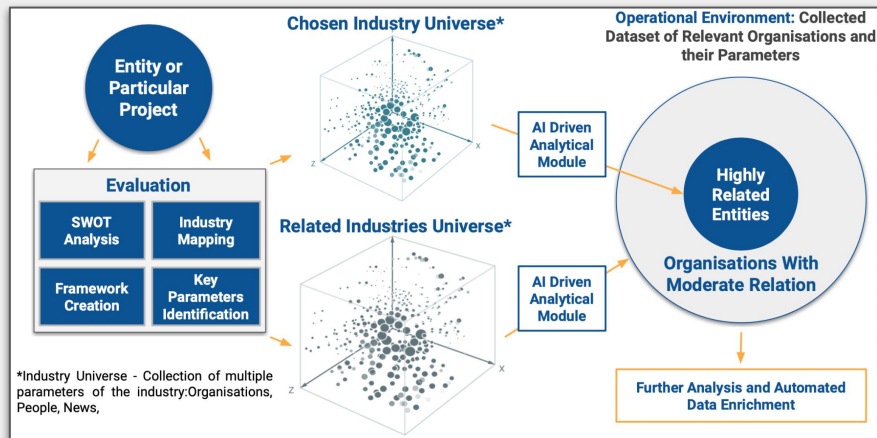
AI Augmentation System Construction

*Analytical Module encompasses multiple steps of data vectorisation and processing which are just partially showcased in the framework. More information can be provided upon request.

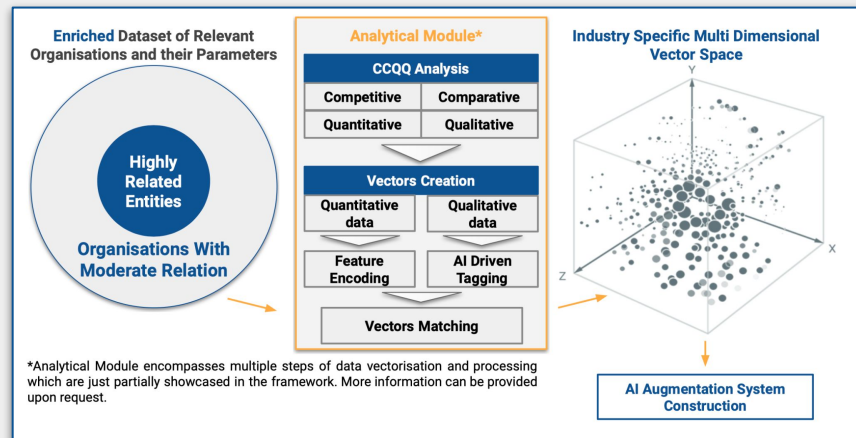
Operational Environment Extension

General Operational Environment

Product/Entity Tailored Operational Environment



Industry Specific Multi Dimensional Vector Space



Cross Analysis Loop

Enhanced Data Quality

Live Data Updates

New Modalities Addition

Focus Areas Monitoring

Live Updated AI Augmentation System

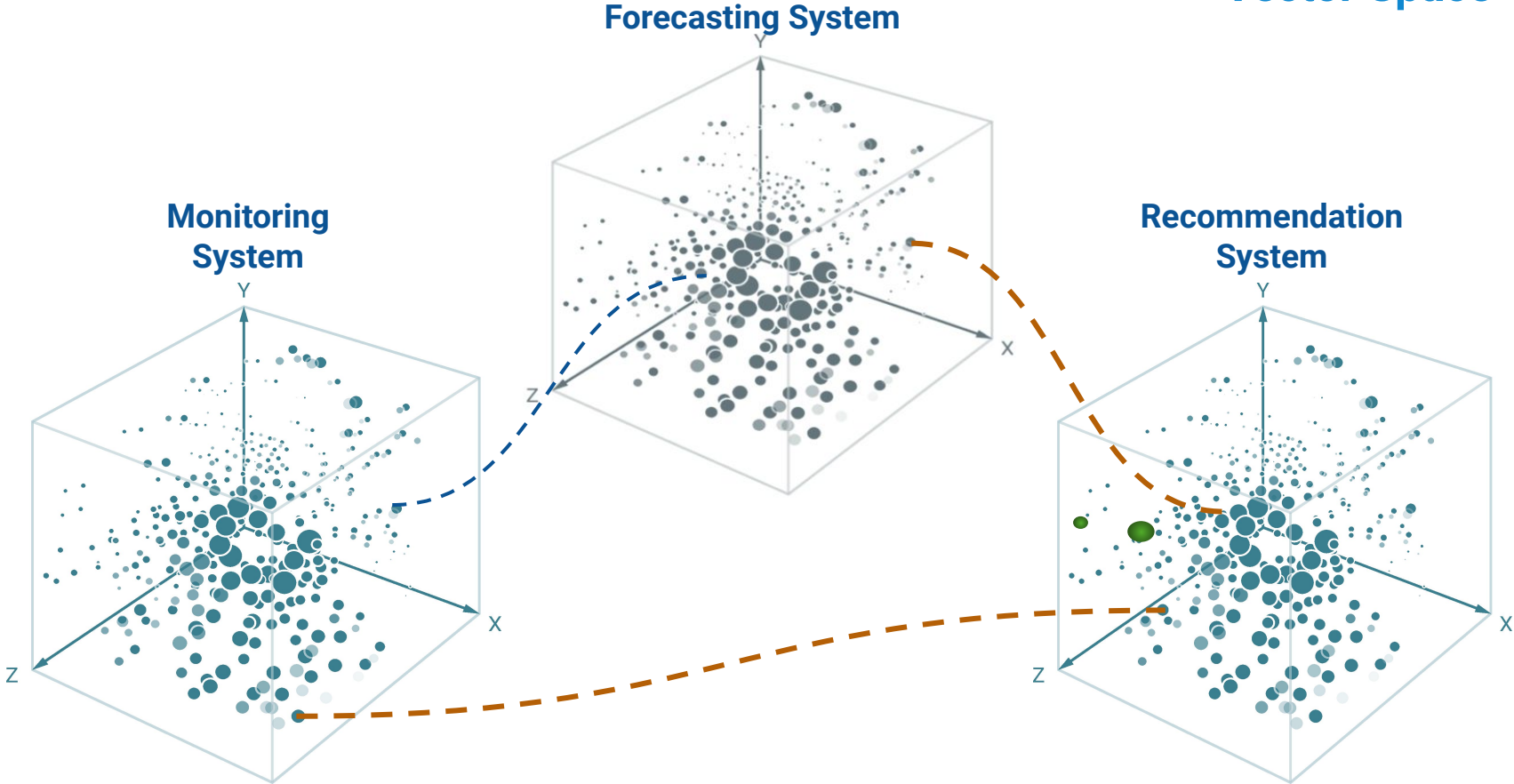
Operational Environment Driven Dashboard



Core Dashboard Components

| | |
|----------------------------|---|
| Analytical Module | Enhanced vector analysis for correlations and industry Insights |
| Mapping Module | Toolset for connections and relations assessment between entities |
| IP Tracking Module | Tracking of IP updates such as Patents, clinical trials, trademarks |
| Data Room | Related data storage filled with basic datasets and reports |
| Visualisation Block | Array of visualisation tools for adaptive industry overview |

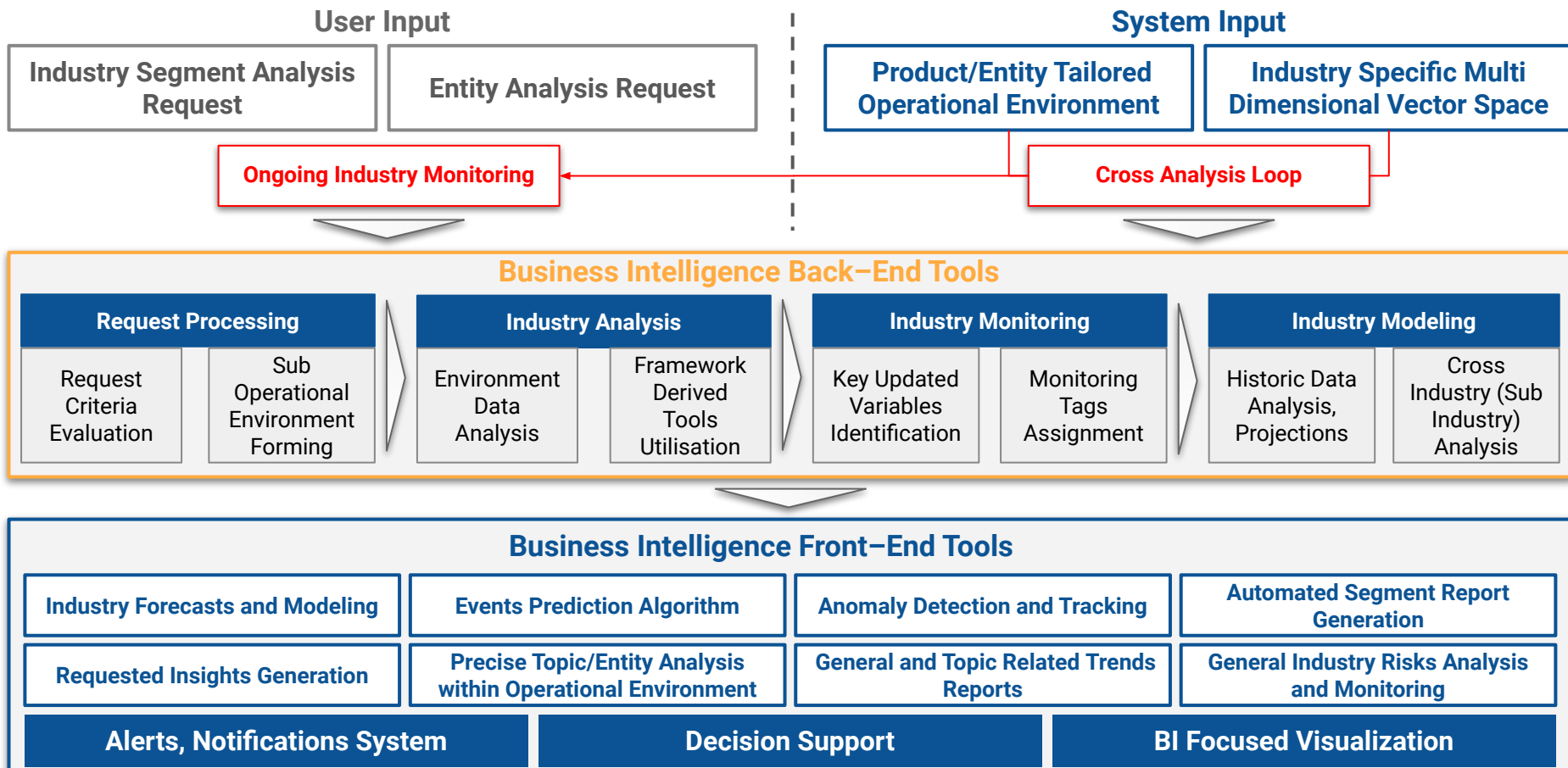
| | |
|---|--|
| Individual Emails Sending and Receiving | Message Templates Insertion Into Emails and Management |
| Arrangement of Google Meet Invites | Light Theme |
| Import/Export of Contact Lists | Real-Time Notifications |
| Lead Management | List Management |
| Cloud Base | Email Templates |



Business Intelligence and Automated Business Development Module

Extended Overview and Technological Stack

Business Intelligence Dashboard

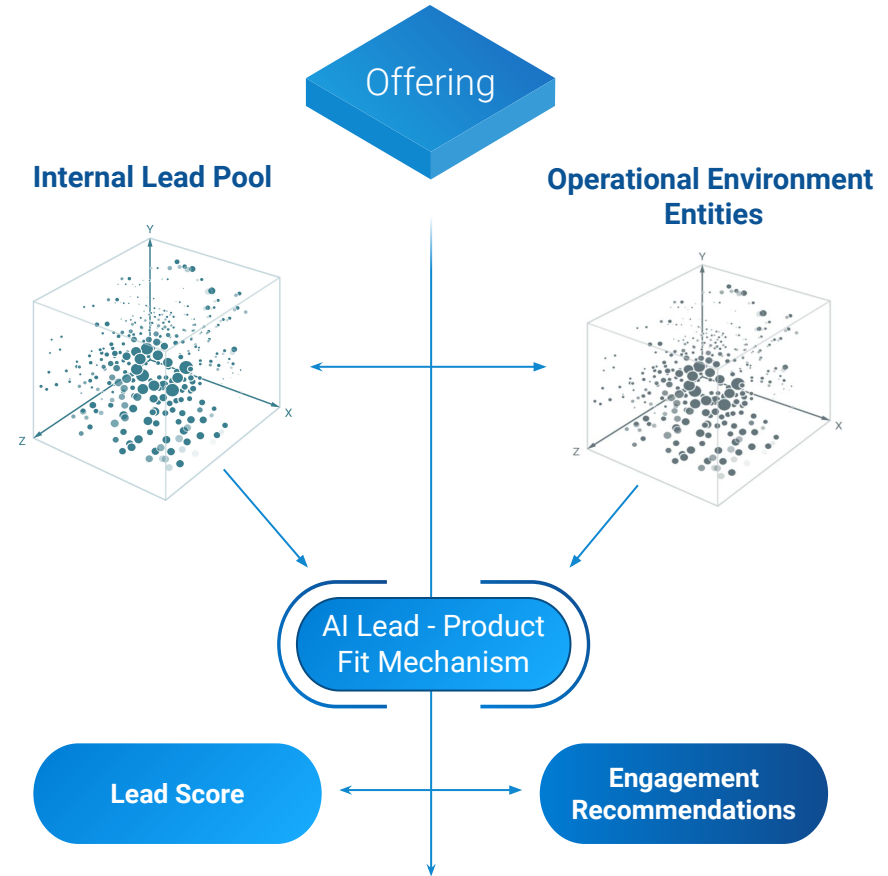


Automated Business Development Dashboard

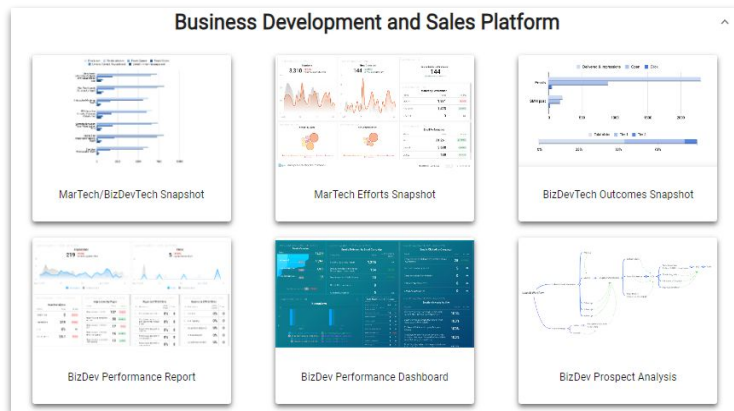


Automated BizDev Dashboard Components

| | |
|--|--|
| Analytical Module | Enhanced vector analysis to identify potential partners, clients, investors |
| Smart Matching System | AI-driven matching of company project with targeted leads for engagement |
| Autonomous Engagement via AI Agents and Avatars | Automated engagement via autonomous AI agents using digital avatars of company decision makers |
| Recursive Feedback for Continual Development | System operates continuously to drive business development in real-time |

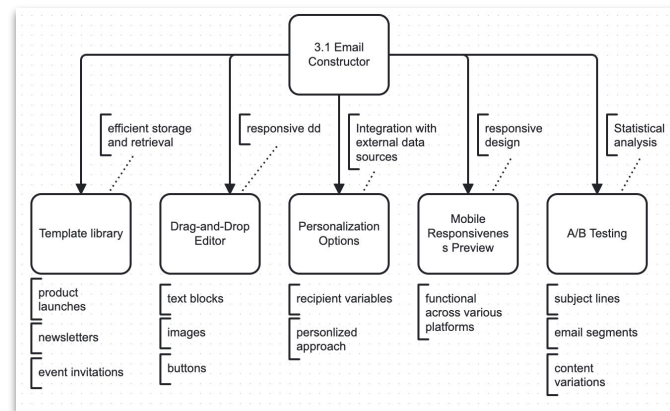


Business Development and Sales Automated Platform



Automated Business Development, Partnerships Facilitation, AI-driven Smart Matching System

- Reach out Funnel Constructor
- Dedicated AI Agent for Scripts Adaptation
- Automated Offer Management System
- Integrated Engagement Management System
- Outreach Campaigns Monitoring Dashboard
- Engagement Recommendation System
- Automated Reach Out Agent

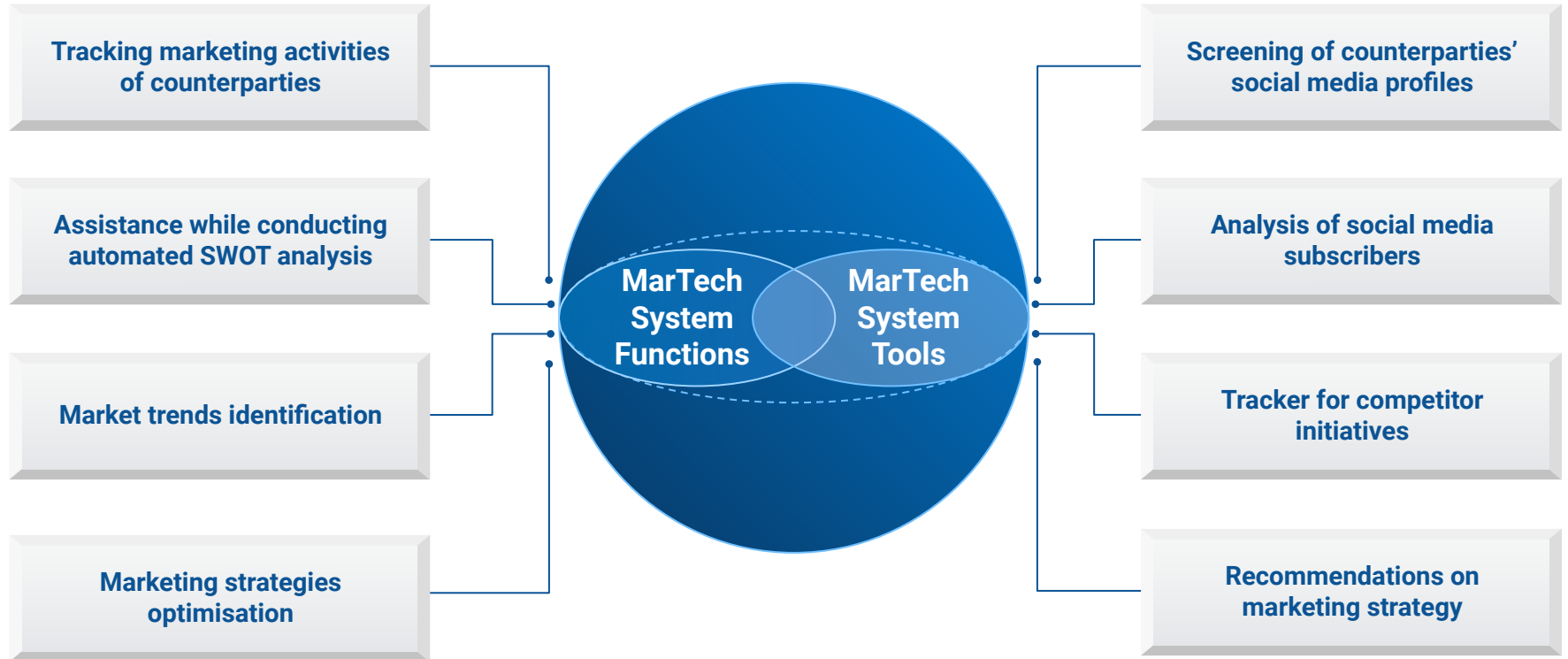


Automated Document, Deals Management and Creation System

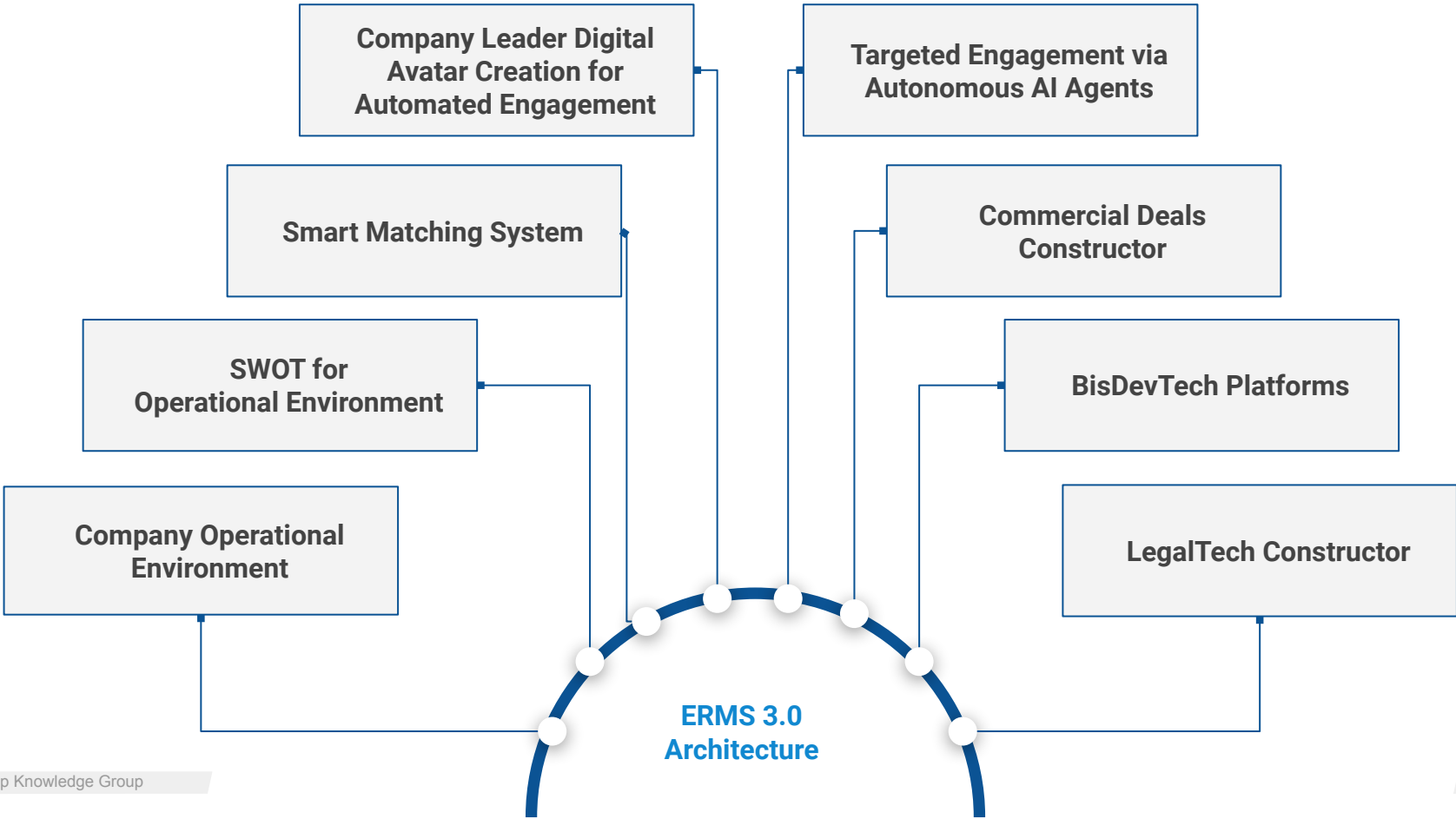
- Semi-Automated System for Offer Construction
- Semi-Automated System for Deck Adaptation
- Templates Management System
- Integrated Data Repository
- Deals and Deal Flows Constructor with Copilot
- Legal Documentation Management System
- Legal Requirements Tracking system

Integration with the MarTech System

Access to the **MarTech System**, a set of IT solutions that combine the technological tools for marketing analysis. This solution should also benefit start-ups and investors who will use the IRM System to grow their client base.

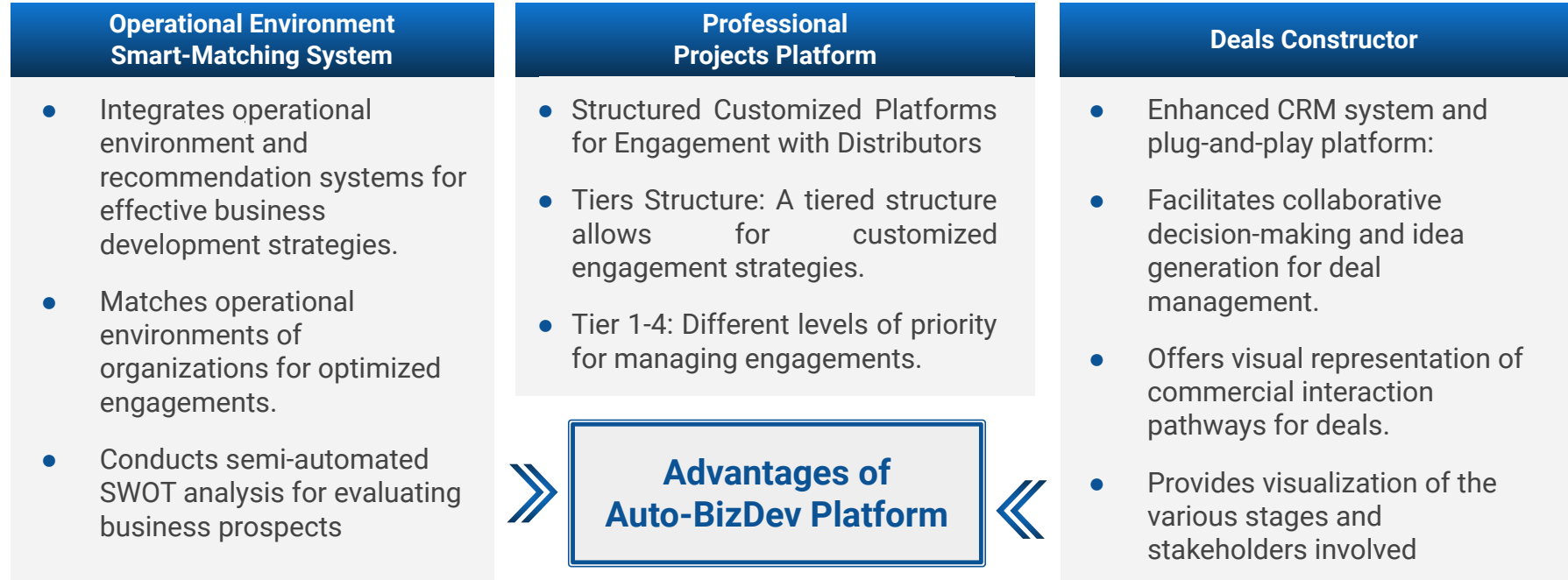


Engagement Relations Management System (ERMS) Admin Panel

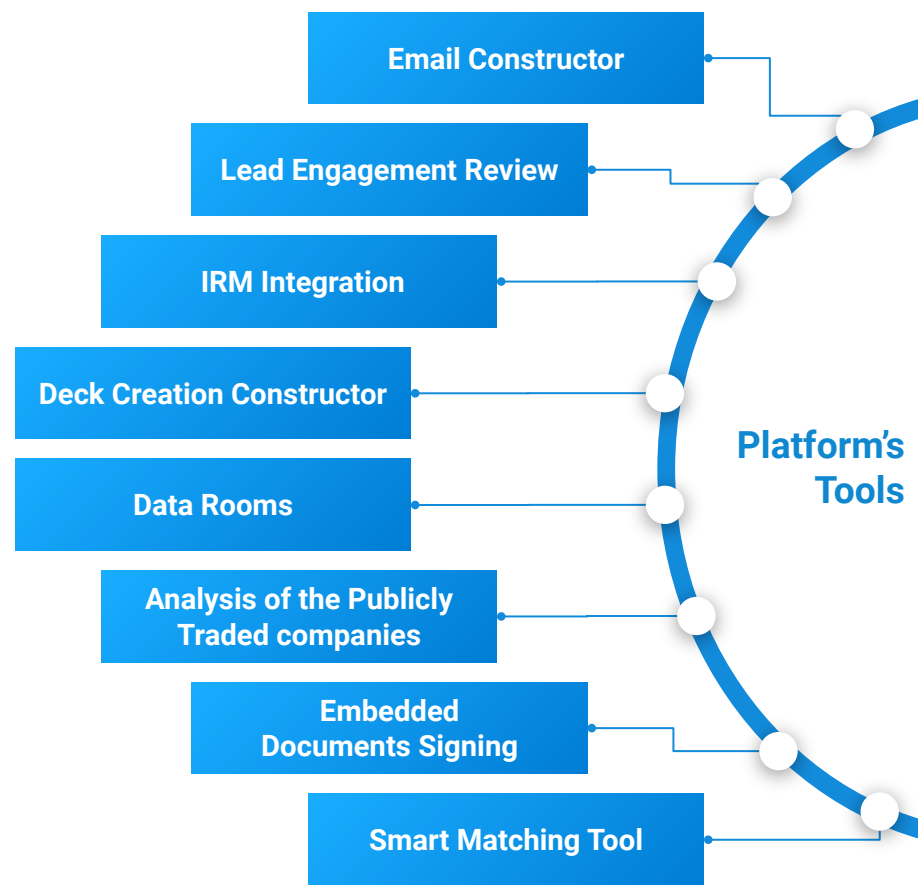
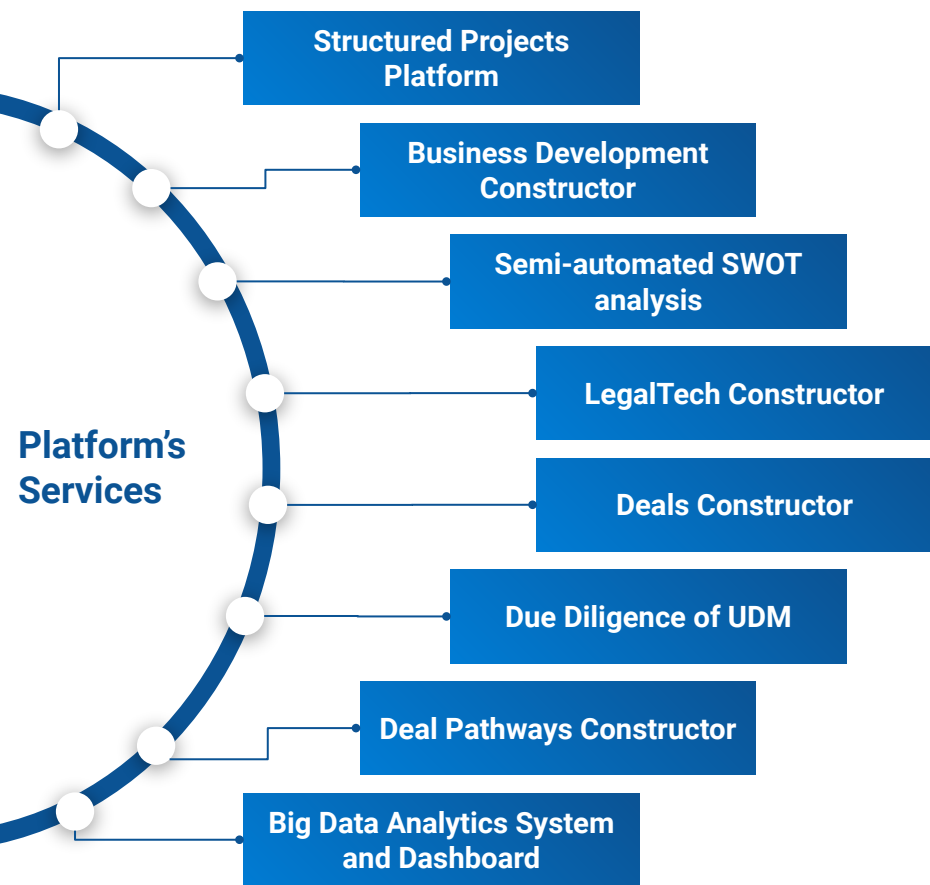


Key Elements of Automated Business Development Platform

Deep Knowledge Group aims to remove existing barriers to engagement relations management and to bring value to interested stakeholders via launching an **Automated Business Development Platform**. It provides organizations with the necessary tools and features to effectively manage engagement relations, optimize business development, conduct SWOT analysis, streamline legal operations, manage deals, and harness the power of big data.



Automized BizDev Platform Services and Tools



ERMS 3.0 Key Features

End-to-end Engagement Relations Management

Clear and Transparent
Business Development
Process

Visual representation of
commercial interaction

Data driven decision
making

Smart Matching System

In-Depth Performance
Analysis

Data driven
SWOT analysis

Tailored to the
Needs of Enterprises

Suitable for
Startups and SMEs

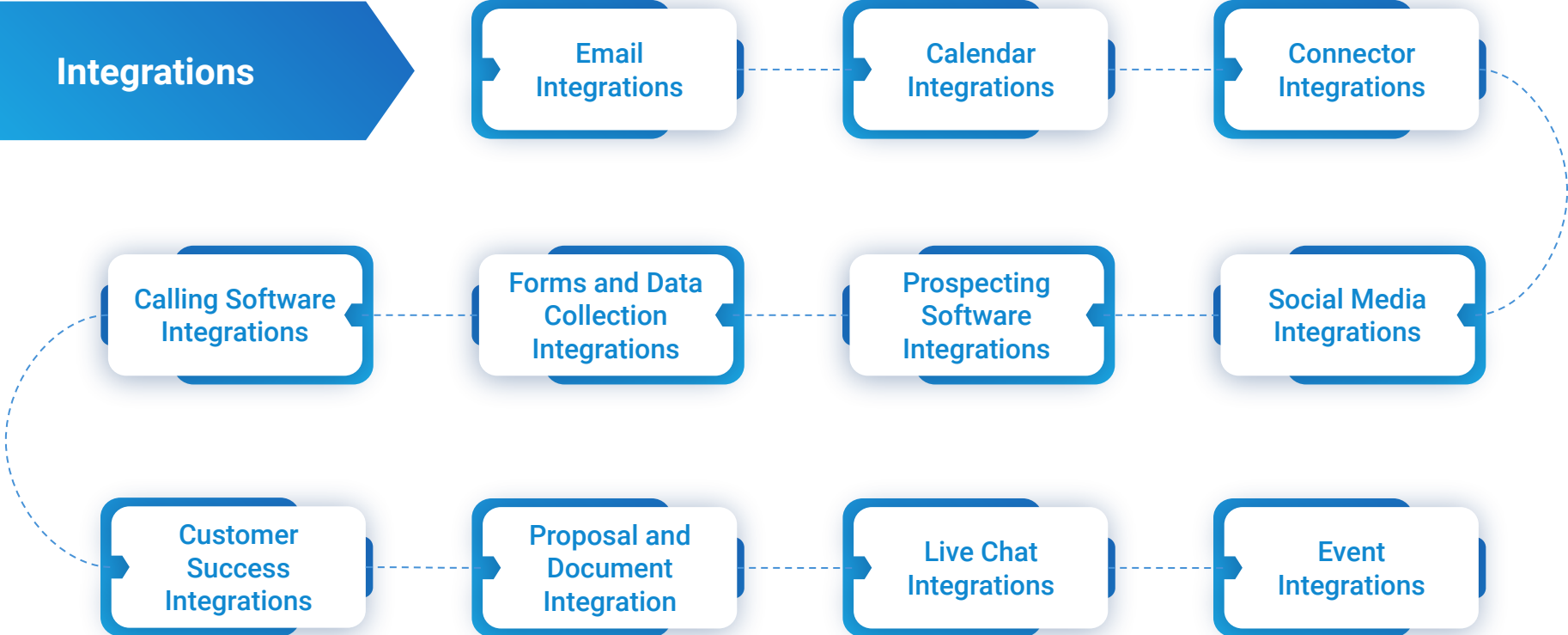
Comprehensive BisDevTech Infrastructure

- State-of-the-Art Business Development Platform
- Automated Processes
- AI-driven recommendation system



CRM Integration for Dealflow Structuring

CRM integration is the seamless connectivity between customer relationship management (CRM) and investor relationship management (IRM) software, as well as third-party applications. Integrations result in automated actions that expand software functionality, eliminating the need to toggle back and forth between systems.



Collaborative decision-making and idea generation features

Group brainstorming and discussions on each of the deals refer to collaborative activities where a team or a group of individuals come together to generate ideas, exchange thoughts, and make collective decisions regarding specific business deals. This process is crucial for evaluating, refining, and strategizing around potential deals to ensure they align with the organization's objectives.

Functionalities

| | | |
|----|--------------------------------|--|
| 01 | Assemble a Team Online | Set up a meeting or group chat on a specific deal |
| 02 | Evaluate and Prioritize | Generating a list of ideas and suggestions to collectively evaluate each one |
| 03 | Voting System | Embed voting tool |
| 04 | Action Planning | Create an action plan outlining the next steps. |
| 05 | Flexible | Adapt to evolving situations or to explore opportunities |

Documentation

| | | |
|----|-------------------------|-------------------------------------|
| 01 | Deals Analysis | Semi-automated SWOT analysis |
| 02 | Win Probability | Probability and potential scenarios |
| 03 | Commercial Offer | Proposal templates |
| 04 | Agreement | Agreements templates |
| 05 | Data Room | Additional Documentation |

Investment Relations Module

Extended Overview and Technological Stack

Investment Relations Dashboard

Chosen Entity Operational Environment

50 Companies

300 Investment Funds

Initial Analysis

Interconnections
Mapping

Investing History
Research

Co Investing Patterns
Detection

Financial Position
Analysis

Current State
Evaluation

Investment Focus
Assessment

Multi Factor Scoring

| Core Factors | Importance |
|--------------------------------------|------------|
| Number of Companies Invested in | 1 |
| Number of Investments | 2 |
| Participation as Lead Investor | 3 |
| Focus Stage of Investment | 4 |
| Last Round's Participation | 5 |
| Repeated Investments | 6 |
| Investments in Field Since 2022 | 7 |
| Investments in Companies with Losses | 8 |
| Investments in Overvalued Companies | 9 |
| Investments in Recovering Companies | 10 |

50

Funds with High
Score for
Potential
Engagement

250

Funds with
Medium Score
for Potential
Engagement

AI-driven Matching Tool

For Companies

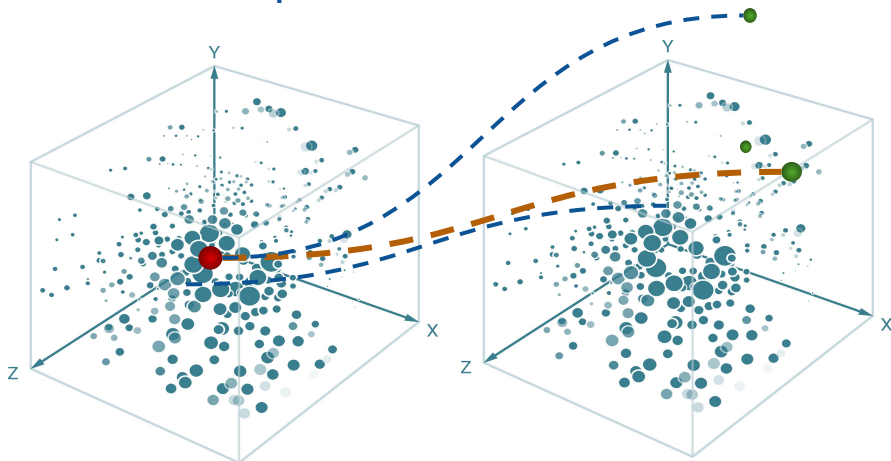
Based on algorithmic multiparametric analysis of the client and investor profiles, the AI-driven Matching Tool can within seconds match start-ups seeking to raise money with several hundreds of the most relevant potential clients and investors from a pool of several tens of thousands.

For Investors

Based on investors' preferences, the AI-driven Matching Tool can recommend the most relevant companies that can serve as potential investment targets for them, and immediately provide automated SWOT and comparative analysis.

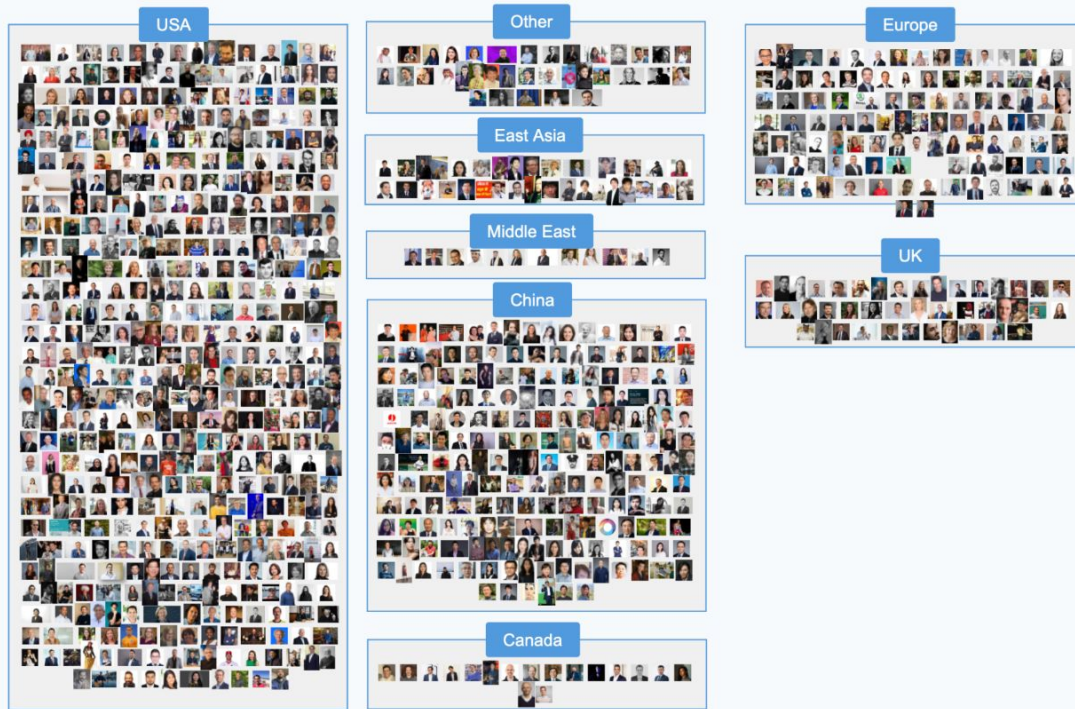
Universe of Companies

Universe of Investors



Indirect matching approaches based on deep learning and reinforcement learning to identify hidden patterns and connections are combined with **direct matching approaches** based on algorithmic and machine learning analysis of the known sectors of activity of companies, investment track-record, and preferences of investors. The matching tool is able to identify the matches between investors and start-ups out from the large set of entities based on input data parameters.

Investors Cluster Analysis



[← Back to report](#)



Richard Gaster

Type: **Investors**
Headquarters: **USA**

Entrepreneur & Venture Capital at Third Rock Ventures

Invests into

venBio Partners

[Visit Website](#)

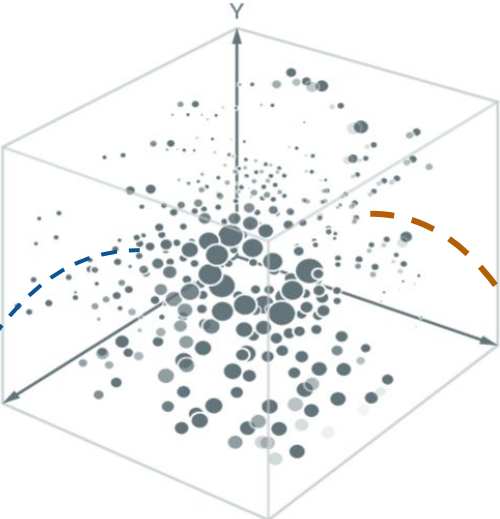
richard@venbio.com

<http://www.linkedin.com/in/richard-gaster-m-d-ph-d-44372815>

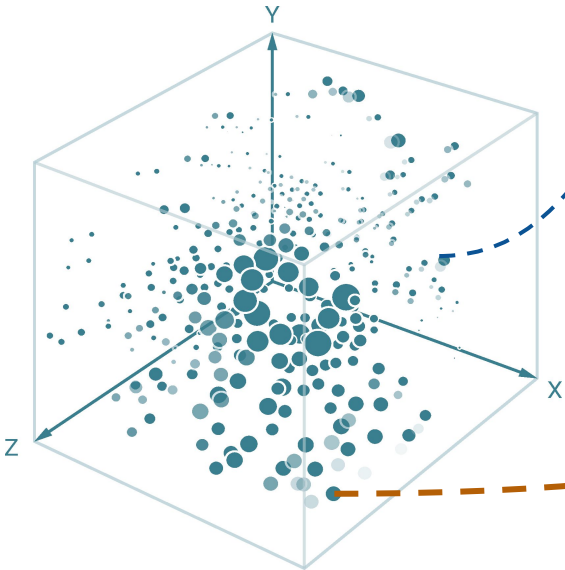
[Register and Claim Ownership](#)

Investors Cluster Analysis is a tool that helps interact with investors decision makers personal profiles and dissects the Investor Leads Universe into categories according to certain criteria such as Location.

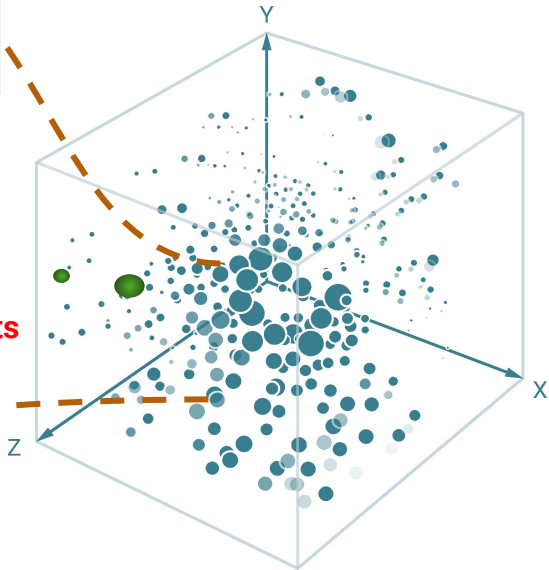
Financial Industry



DeepTech Industry



Technological Universe

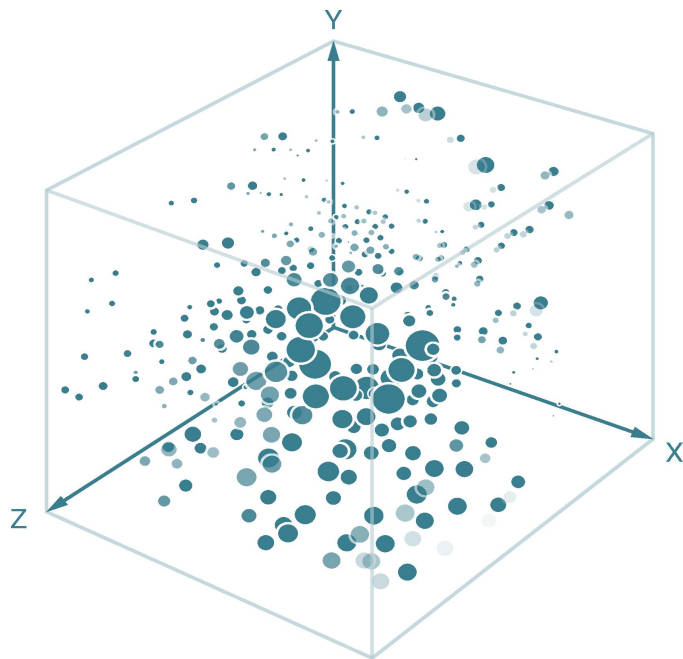


Recommendation Capabilities on Structuring Hybrid Financial Instruments with Long/Short Positions

Technological Forecasting System

Individual Leads Analytics Dashboard

Chosen Entity Investors Universe



50 High Score Investors

250 Mid Score Investors

Associated Leads Search

High Score Investors

Mid Score Investors

Decision Maker Extraction

High Number Extraction

Minimum 3 Decision Makers

Data Enrichment

Contact Details Collection

Employment History

Open Source Intelligence

Additional Details

Enriched Personal Profiles

AI Generated Personal Engagement Recommendations

Short Profile Summaries for Overview

300

Leads Associated with Investment Organisations with High Score

700

Leads Associated with Investment Organisations with Medium Score

Investor's Personal Profiles with Recommendations for Engagement

Investor Network

- Investors Profiles
- Pharma Compaies
- Investment Companies

Dashboards

- Operational
- Investment Analysis
- Industry Analysis
- Public Companies Analysis
- Data Room

Investment Analysis

- Enhanced SWOT Comparison
- AI Pharma Companies Tracker

Industry Analysis

- AI Pharma Companies Tracker

Data Room

- AI Pharma Materials

Profile: Aaron Hovav

Details

| | |
|---------|---------------|
| Country | United States |
| Type | Investor |

Work Experience

| | |
|-------------|---------------------------------|
| Company | Ardor Capital |
| Title | Portfolio Manager |
| Location | New York City Metropolitan Area |
| Starts At | 11/2022 |
| Description | None |

Certifications

| | |
|----------------|---------------|
| Name | CFA |
| License Number | None |
| Display Name | None |
| Authority | CFA Institute |
| URL | None |

Connections

| | |
|-------------|----------------------------------|
| Company | Ardor Capital, a CircleK Company |
| Title | Analyst |
| Location | New York |
| Starts At | 11/2022 |
| Ends At | 11/2022 |
| Description | None |

Additional Details

| | |
|-----------------|------------------------------|
| Job Description | Director |
| Email | aaron.hovav@ardorcapital.com |
| Phone Number | (212) 440-2142 |
| Work | aaron.hovav@ardorcapital.com |

Engagement Recommendations

- Emphasize Aaron's strong background in investment analysis and management, particularly in technology, stocks, and global markets.
- Initiate communication by referencing his experience at top financial institutions like Morgan Stanley and Seligson Asset Management, showcasing a shared industry background.
- Highlight the opportunity for personalized investment in the AI and Pharma industries, aligning with Aaron's passion for technology and global markets, and showcasing the potential for strong returns and attractive risk-reward opportunities.

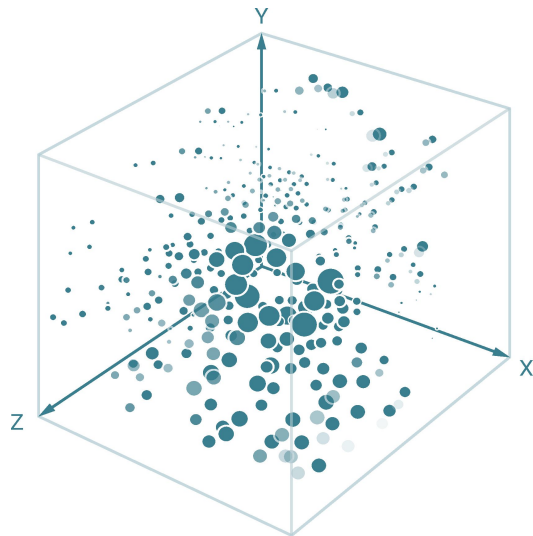
The Personal Profiles feature of the Dashboard offers a comprehensive database of over 1000 investor decision-makers, each profiled with meticulous detail. These profiles are augmented by an OSINT-enhanced analysis which includes: contact details, relevance scores for outreach, and AI-generated engagement recommendations.

Head Hunting Module

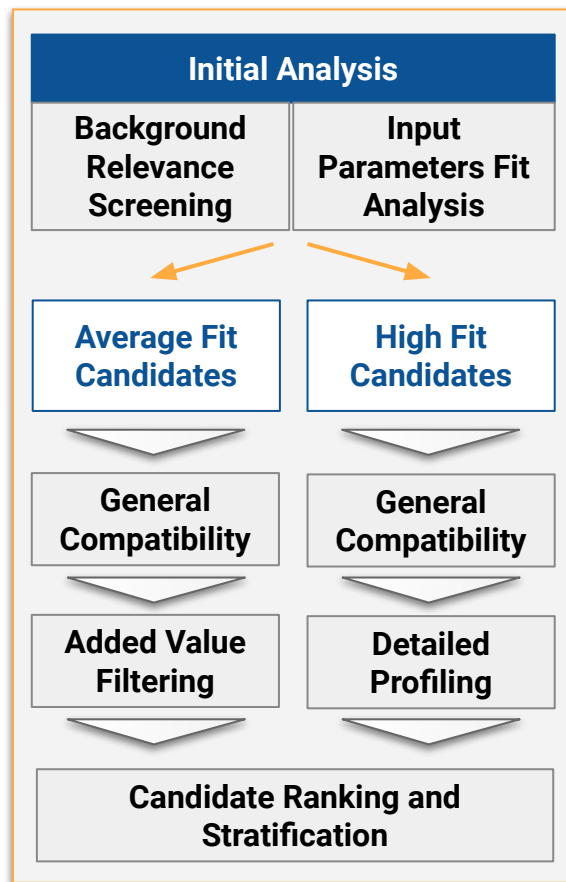
Brief Overview

Head Hunting Module

Lead Pool Derived from the Operational Environment



| Formed Candidate Request | |
|--------------------------|------------|
| Competence | Experience |
| Connections | Interests |



| Data Enrichment | |
|----------------------------|--------------------|
| Contact Details Collection | Employment History |
| Open Source Intelligence | Additional Details |

Enhanced Analysis

| | |
|------------------------------|-------------------------------|
| Sentiment Analysis | Network Analysis |
| Indirect Behavioral Analysis | Added Value Analysis |
| Scenario Analysis | Current Conditions Assessment |

AI Driven Engagement Strategy

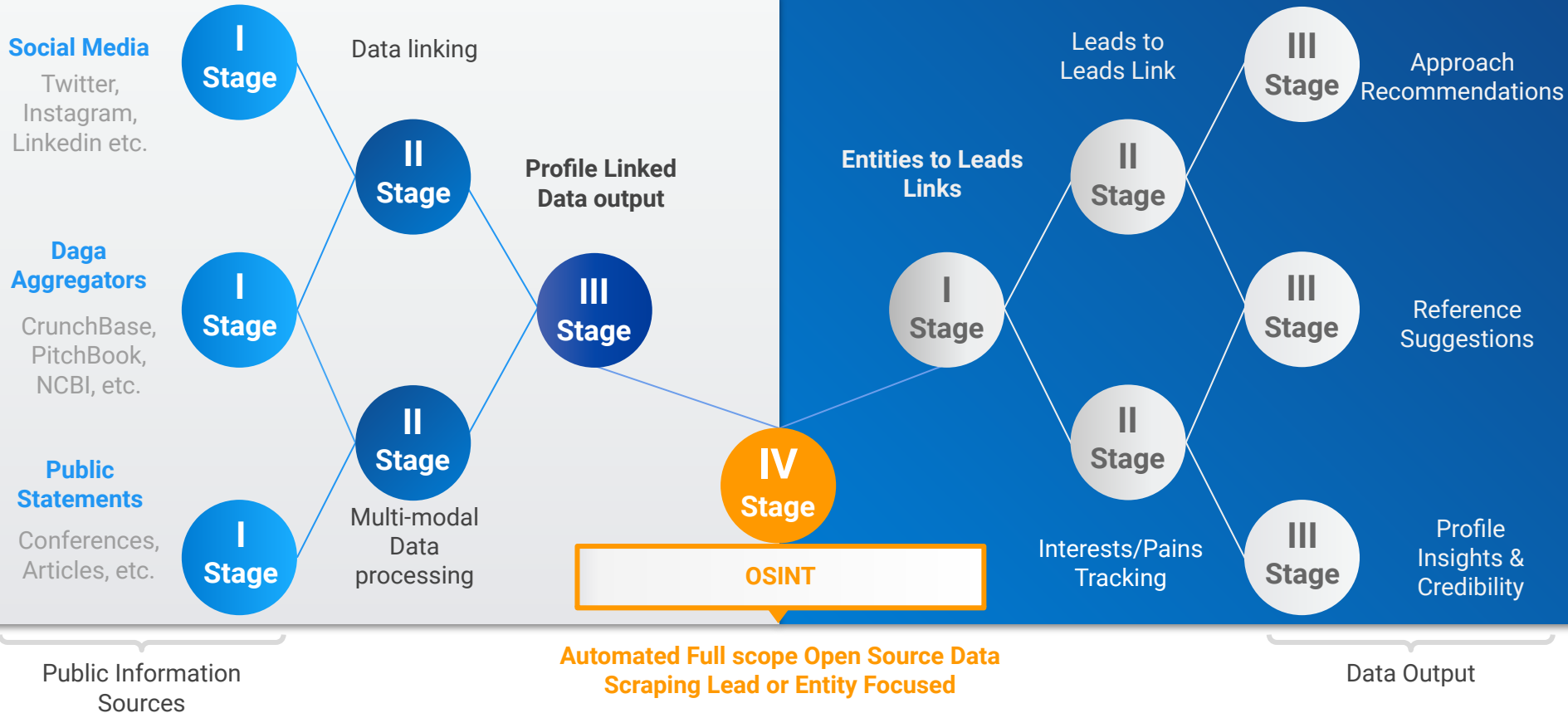
| | |
|------------------------|---------------------------------|
| Contact Prioritisation | Personalised Reach out Campaign |
|------------------------|---------------------------------|

Open Source Intelligence Providers Management Module

The screenshot displays the Aging Analytics Agency dashboard. The main content area is titled 'Longevity Industry in the UK' and features a grid of 14 categories of OSINT providers, each with a grid of provider logos. The categories are: Intelligence Fusion, Network Intelligence, KYC and Enhanced Due Diligence, Geospatial Intelligence, Background Checks, Link Analysis, NLP Analysis, Social Media Intelligence, Threat Intelligence, Asset Tracing, Dark Web Intelligence, Media Data Intelligence, PEP and Sanctions List Intelligence, Data Leak Intelligence, and Blockchain Analytics. A 'Messenger Intelligence' category is also visible at the bottom right. The dashboard includes a left sidebar with navigation options: Dashboards, Longevity Industry A..., Platforms, Reports, and Databases. A right sidebar lists various tools like SWOT Comparative An..., Stock Price Predictor, and Competitors Analysis. At the bottom, there are navigation arrows (Previous, 1, 2, Next) and a 'Get Access' button.

The tool within the dashboard facilitates the management of services and additional features from over 60 OSINT providers, seamlessly integrating these resources into the analysis pipelines for entities and lead assessments. This integration enhances the depth and breadth of intelligence available, supporting more comprehensive and informed decision-making.

Open Source Defensive INTelligence Analysis



System Forecasting and 'Time Machine' Scenario Analysis and Outcomes Prediction

Forward and Back-Propagation Scenario Modelling

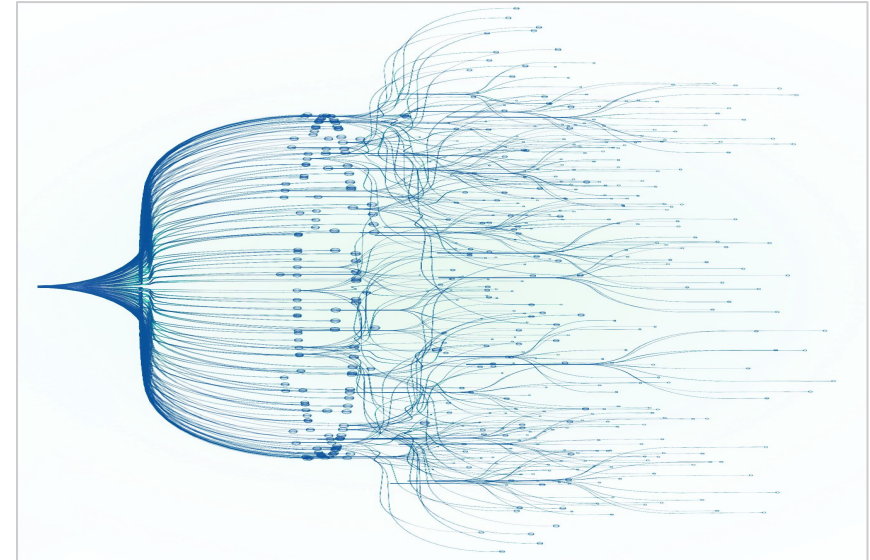
Scenario Forecasting Analysis Module



Automated BizDev Dashboard Components

| | |
|---|--|
| Scenario Modelling and Multivector Forecasting | Multiverse-style Company Scenario Modelling via Long-Term Technological Forecasting System Technology |
| Automated Recommendations | AI-driven automated recommendations based on scenario modeling analysis |
| Multi-Dashboard Integration | Recursive feedback and integration of outputs with other Dashboard components (Business Development and Investment Relations Dashboards) |

Technologies Development Timeline



2000

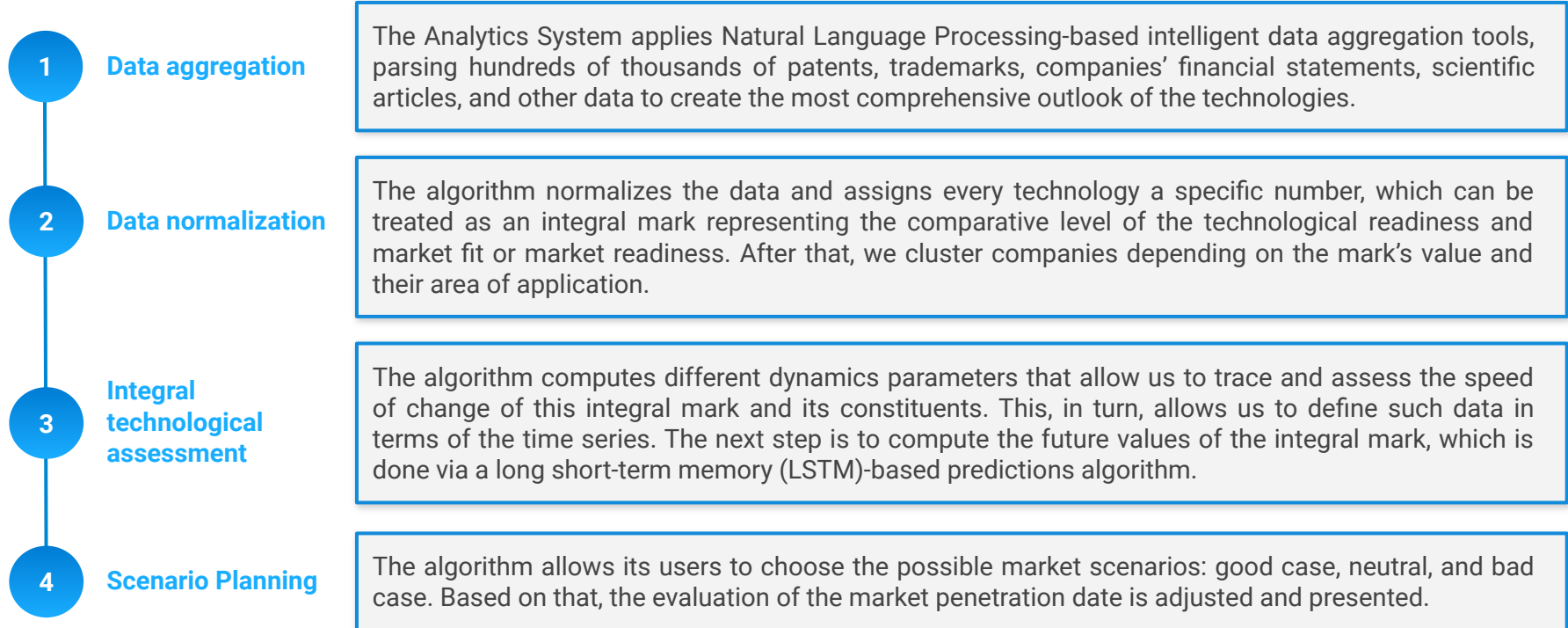


2030

Time Machine

AI-Based Technological Forecasting and Scenario Modeling

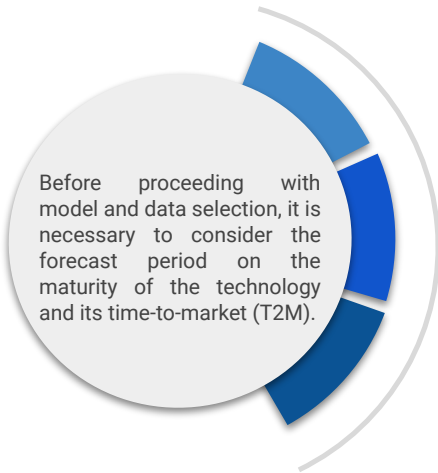
The 5th Industrial Revolution Long Term Technological Forecasting Big Data Analytical System and Dashboard will be based on an algorithm that will allow its end-users to evaluate a broad scope of the existing technological advancements, projecting the time of their market penetration. Such AI-based technological approach will involve the following steps:



Main Goals and Objectives of Long-term Technological Forecasting System

Uncertainty associated with a new technology, product or service generate companies to use expert opinion or historical data to predict the future and reduce risk. In fact, technology forecasting (TF) techniques can be used not only to predict technological advances, but also to identify and evaluate new technology markets, determine the strategies and actions of potential competitors, and examine how new technologies will affect the business operating environment.

A variety of technology forecasting techniques exist, but the techniques used need to be spatiotemporal and technology-specific, but a combination of quantitative and qualitative techniques improves the accuracy of the results.



Short-term Forecast are used for mature technologies with a time-to-market of less than 1 year

Medium-term Forecast are used for mature technologies with a time-to-market of 1-3 years

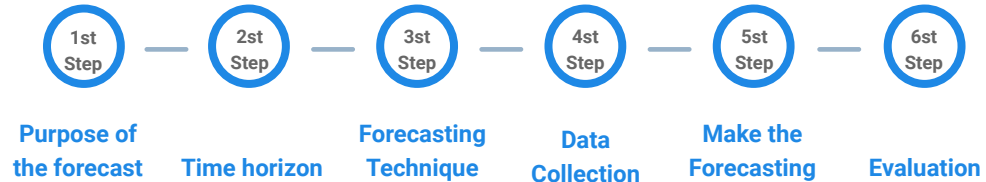
Long-term Forecast are used for mature technologies with a T2M of more than 3 years

Quantitative techniques

The main advantage of utilizing quantitative techniques is based on the hard data available. This ensures that the forecast results are as objective as possible.

Qualitative techniques

Statistical methods such as trend analysis, correlation analysis, cross-influence analysis and risk analysis through patents, data mining and bibliometrics.



Financial Engineering Module

The system's **Financial Engineering Module** applies the results of its Scenario Forecasting Module (and particularly the Long-Term Technological Forecasting System) to ways in which emerging technologies will impact the financial industry and to forecast future trends accordingly. Deep Knowledge Group defines novel financial instrument structuring is an important aspect of financial futurism under the framework of the 5th Industrial Revolution, as it involves the development of innovative financial products and instruments that can meet the evolving needs of investors and manage risks associated with technological developments.

Automated Structuring of Novel Financial Products

DKG aims to implement Big Data Finance system that will be able to build a virtual portfolio of structured financial instruments (including swaps, futures, bonds, etc.) tied to either tech companies or tech forecasting signals.

Deep Knowledge Group's Big Data Finance System will be focused on predictive identification of emerging tech trends and promising technologies which could bring the multiplier effect to finance space, namely through developing of tech-tied financial instruments

Synergisation of Tech and Finance Development

Enhanced Investors' Risk Management

With the help of advanced predictive analytics, investors and financial institutions will be able to analyze vast amounts of data to identify patterns and trends associated with technological advancement. This can help investors make more informed decisions about their investments and identify potential risks before they occur.

Financial Engineering Integration with Other Dashboard Modules



Access to the
Dashboard Tools
Data on Financial
Instruments



Dashboard Features

MTF
Instruments
Listing

Interactive
Analytical
Data on
Financial
Instruments

Financial
Insights
Generation

MTF Features

Multimetric
Stock
Exchange
Comparison

Real-time
Financial
Instrument
Price
Monitoring

Creation of
the
User-Broker
Interface

Emerging New Revenue Opportunities

The creation of thematic DeepTech (e.g., AI, Longevity, SpaceTech, Robotics) Stock Exchanges opens up opportunities for revenue generation through the development of products aimed to secure access to an additional source of capital for thematic tech and DeepTech companies and opportunities for investors.

The range of financial instruments, namely futures, swaps, options etc., aimed to mitigate the negative impact of economic risks and bring more liquidity to the market.

Indices consisting of the stocks of thematic DeepTech companies could become the effective tradable instruments for investors willing to allocate investments in the market.



DeepTech-focused thematic stock exchanges have the potential to bridge the liquidity gap for DeepTech companies serving as a place for raising additional financial resources.

The activity of the specialised thematic tech Stock Exchanges will generate a huge amount of data able to provide a realistic view of DeepTech Industry traction and market trends.

Summary and Conclusion

Access to Full Data Room via NDA

Sign NDA to gain access to full project Data Room (DKG's internal IT and technical infrastructure for project dealflow with enhanced cybersecurity). The project data room more detailed product documentation and are largely intended as a due diligence mechanism for leads who need a deeper understanding of product validity and function to proceed with the purchase.

Major Informational Materials

Components Registry

KYB, Quality Assurance and C...

KYB, Quality Assurance and ...

Additional Documents on KYB

Legal Documents

Memorandum of Understand...

Non-Disclosure Agreements

White Label (end-to-end) So...

Software as a Service and Se...

Thematic Longevity Blueprin...

Search...

White Label Solution Components Registry

Longevity Club White Label Solution Components Registry

Table Columns

Components Registry

Components Registry

Detailed Components Registry

Major Informational Materials

Components Registry

KYB, Quality Assurance and C...

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Additional Documents on KYB

Legal Documents

Memorandum of Understand...

Non-Disclosure Agreements

White Label (end-to-end) So...

Software as a Service and Se...

Thematic Longevity Blueprin...

Search...

Additional Documents

Certificate of Incorporation

Copy of latest annual reports and financial statements

Memorandum of Association

Organisational chart for company structure

Register of Directors

Register of Shareholders

Deep Knowledge Group

Deep Knowledge Group Projects Platform

End-to-end platform to discover, become involved with, or invest in Deep Knowledge Group's current scope of market-ready products and projects

Analytical Dashboards 45

Longevity Projects 61

Ecosystems as a Service 6

DeepTech Projects 18

Show more v

Clear Filter

Search Projects

Analytical Dashboards

Longevity Club

Ecosystem Platform

Investable Projects

Partnerships

Business Cooperation

Whitelabel Solutions

Investable Projects

Ecosystems As A Service

dkg@dkg.com

Summary

Our comprehensive suite of business intelligence and development tools is designed to empower organizations with cutting-edge, AI-driven analytics and operational solutions. Whether you are looking to adopt the entire array of dashboards or integrate specific tools and features, our flexible platform can be tailored to meet your unique needs. We offer a variety of cooperation models, including SaaS, joint products, and white label solutions, providing you with the versatility to enhance your operational environment and decision-making processes. [Explore how our innovative approach can transform your business landscape.](#)

Adaptable Scope of Cooperation

Dashboards set + Admin Platform

Separate Dashboards or Admin Platform

Chosen Tools from Dashboards or Admin Platform

Forms of Proposed Cooperation

White Label Solution

- Customized white-label solution in form of **Platform, Dashboard or separate tools**.
- Flexible tools selection.
- **Cutting-edge 3D visualizations** for enhanced user experience.
- Focus on chosen metrics, **optimizing resource allocation**.
- Easily integratable components

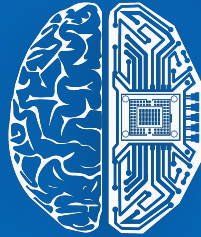
Joint Product

- **Customize our joint product** to integrate with your existing systems, ensuring a harmonious **fit for your operations**.
- Tailor and Repurpose the toolkit for specific market indications or use cases. **Full tailorability and joint production**.

SaaS Solution

- Subscribe for our tools to integrate them into **your workflow**.
- Leverage subscription focus on tool modalities for **valuable decision-making insights or processes optimisation**.
- **Optimize outreach** by streamlining campaigns via semi-automated components.

To make impact on the positive
trajectory of humankind development



Deep Knowledge Group

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