



SPRINGTECH GROUP SDN BHD

Live The Future



Springtech Group Sdn Bhd is a company incorporated in Malaysia engaged on the **Internet of Things (IoT), Artificial Intelligence,** and **Software Development** sector.

The company focuses on building solutions that enables clients to harness the latest technology in **Big Data Analytics** and **Industrial Revolution 4.0.**

The company also provides **cost-effective ERP solutions** for small-medium enterprises up to large scale industries.



“To drive innovation through world-class smart solutions and strategic partnerships, delivering exceptional service and value to consumers and their stakeholders”



OUR EXPERTISE



Technology Consulting

- ❖ Digital Transformation
- ❖ Block Chain
- ❖ Big Data Management
- ❖ Cyber Resiliency
- ❖ Hardware and software integration



Artificial Intelligence and IoT

- ❖ Sensor & software solutions
- ❖ Multi segment industry analytics
- ❖ Public and government intelligence
- ❖ Industry 4.0
- ❖ Connected City



Software Systems Engineering

- ❖ Enterprise Resource Planning
- ❖ Web Development and Design
- ❖ Mobile App Development
- ❖ Customized software solutions



SPRINGTECH Core Components



Digital Control and Cognitive Suite



SPRINGHIVE

Unified Neural Intelligence Core Stack

Eva IoT

- ❖ Industrial IoT
- ❖ Sensing

MultiDoc

- ❖ Electronic Content Management
- ❖ Electronic Document Management System

Remicle ERP

- ❖ Cloud & On-Prem Enterprise Resource Planning

EVA (AI)

- ❖ SENTINEL (Surveillance)
- ❖ CIPHER (Doc & Text)
- ❖ CYCLOPES (General)
- ❖ PYTHIA (ML)
- ❖ EKHO (VOICE AI)



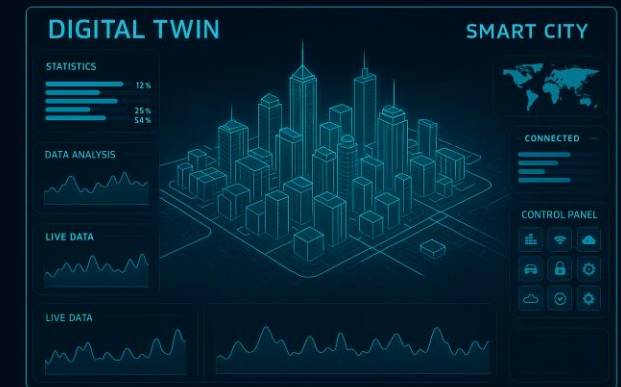
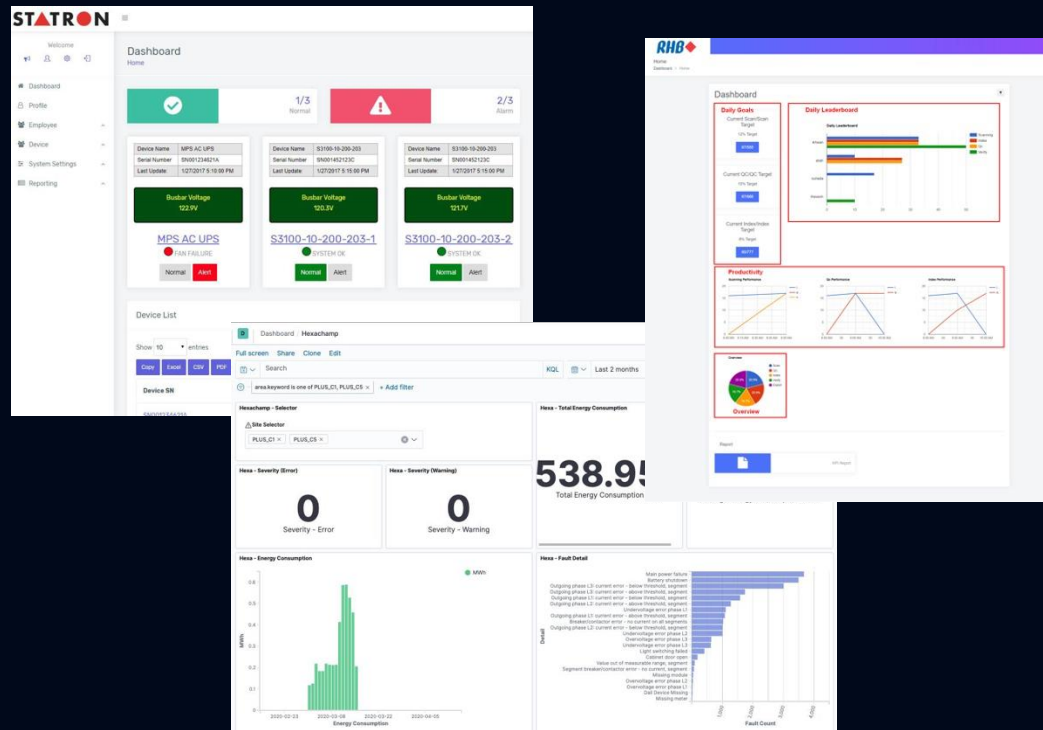
EVA BRIDGE

Digital Control and Cognitive Suite (DCCS)



EVA BRIDGE

EVA BRIDGE is an unified platform that merges operational control with cognitive intelligence to enable real-time, data-driven decisions





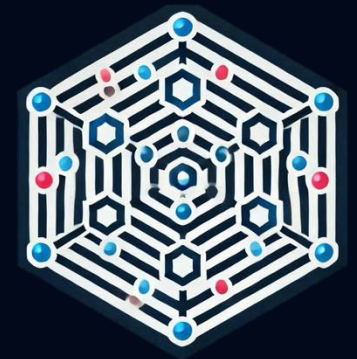
EVA BRIDGE

- Real-time monitoring, visualization, and management of systems, processes, or assets.
- Dashboards, HMI interfaces, automation controls, and data-driven process adjustments.
- Powered by AI/ML-driven intelligence – provide anomaly detection, autonomous recommendations, and natural language insights.
- A modular and comprehensive platform, not a single tool.
- Allows scalability, integration, and customization across various industries or use cases.
- Components of EVA BRIDGE – **Digital Twin capabilities** / **Workflow automation engines** / AI model orchestration / Decision-support systems



SPRINGHIVE

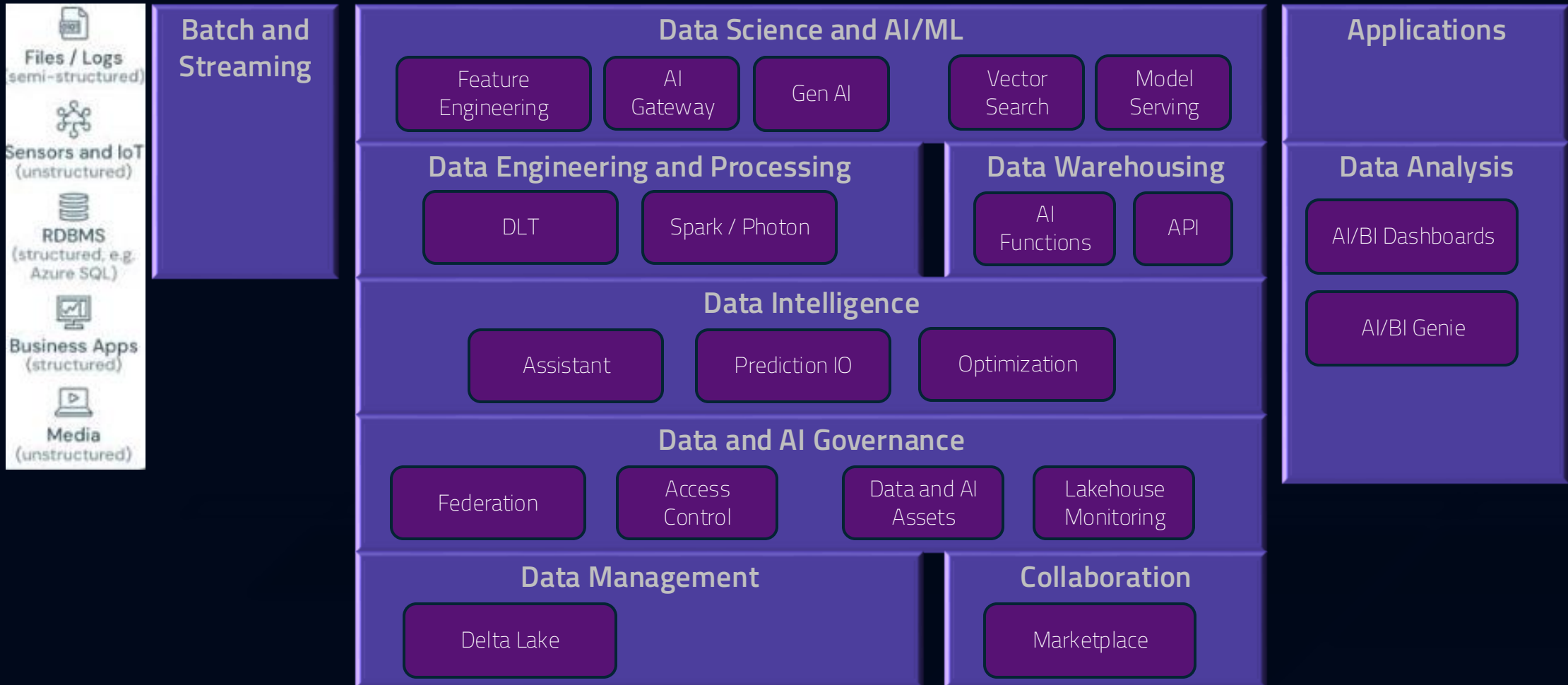
Unified Neural Intelligence Core Stack (UNICS)





SOURCES	INGEST	TRANSFORM	QUERY/PROCESS	SERVE	ANALYSE	INTEGRATE
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Unified Neural Intelligence Core Stack





AEGIS IoT

Connected Industrial Revolution 4.0



Industrial IoT Sensing

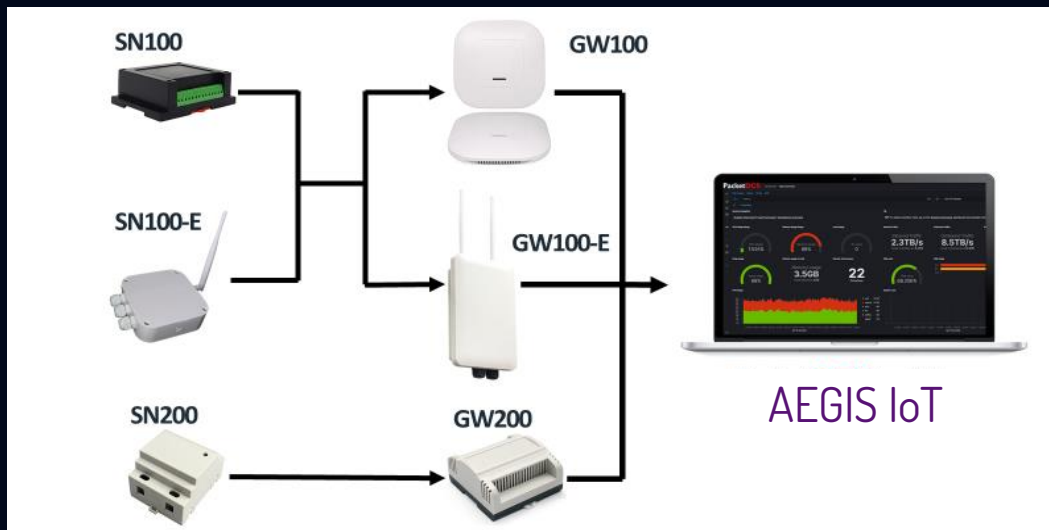
- Real-time sensors for detection and analysis in array of industries.
- Converged infrastructure to connect legacy systems to cloud application
- No “single size fits all” but “purpose-built solution”
- Support multivendor interoperability for critical sensor metadata such as device status, data validity, and time stamping.
- Support IT/OT convergence
- Benefits – preventive maintenance, asset tracking & inventory management and remote monitoring

AEGIS IoT



Access meaningful real time data anywhere anytime, we offer businesses peace of mind that their critical assets are always monitored.

AEGIS IoT monitoring and management solutions provides critical insights into optimizing the efficiency of your assets.





AEGIS IoT

SMART WEIGHBRIDGE



AEGIS IoT

PERSONNEL & ASSETS TRACKING



AEGIS IoT

DATA & ANALYTICS SOLUTIONS



AEGIS IoT

NEXTGEN ATTENDANCE



AEGIS IoT

INDUSTRIAL IoT & SOLUTIONS



AEGIS IoT

SOLUTION FOR THE NEW NORMAL



AEGIS IoT

VEHICLE TRACKING





MultiDoc

Digitization and Cloud-Based Document Management System



MultiDoc

MultiDoc is an electronic document and records management system (EDRMS) with many in-built application that enables organizations to move away from the limitations of paper-based information.



Improved productivity

Modern collaboration technology is needed to stay ahead of the curve. Customers and employees demand data to be available anywhere and efficient sharing workflows.



Ultimate security

Choosing an on-premises product means you can guarantee your clients that data never leaves your company and remains 100% confidential. Powerful server and client side encryption options provide ultimate protection for sensitive documents.



Complete control

Knowing where data is and who has access is important, especially when working with third parties. Nextcloud combines advanced data access controls with powerful monitoring and logging capabilities to ensure compliance and auditability.



MultiDoc Features

Secure Document Sharing

- Provide your employees, clients and partners with documents for review or joint editing.
- Thanks to dedicated user and group management, everyone only sees what they really need to see.

Universal Document Access

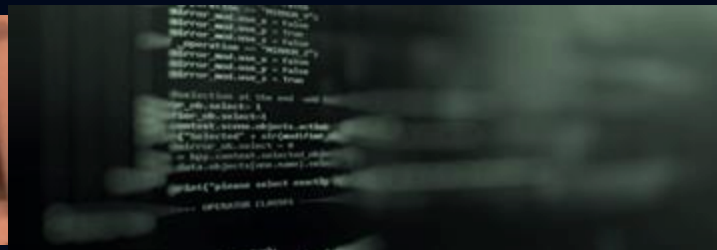
- Be confident that wherever you are, you have access to the documents you need in a moments notice, 100% secure.
- Tablets, mobile devices, laptops and desktops all have access to the same files at a moments notice.

Federation data access engine (SMB/CIFS, SharePoint, S3, FTP, Dropbox, Google Drive, Local, WebDAV)

Authentication (LDAP, Kerberos, SSO/SAML, 2-Factor)

Data Control (Logging/monitoring, permission, Fine grained file access control, Virus scanning, Data retention)

Cryptography (Server-side encryption, Key Management, End to end Client-side encryption)





Remicle ERP

Comprehensive Enterprise Suite





Fully Integrated Platform

- REMICLE ERP provides you total control by fully integrating all your business needs on a single platform.
- An integrated platform to increase your organization's efficiency and productivity by helping you access multiple information, processes and functions are at your fingertips
- Manage your HR, inventory, sales processes, CRM, finances and many more!

REMICLE ERP Enterprise Suite



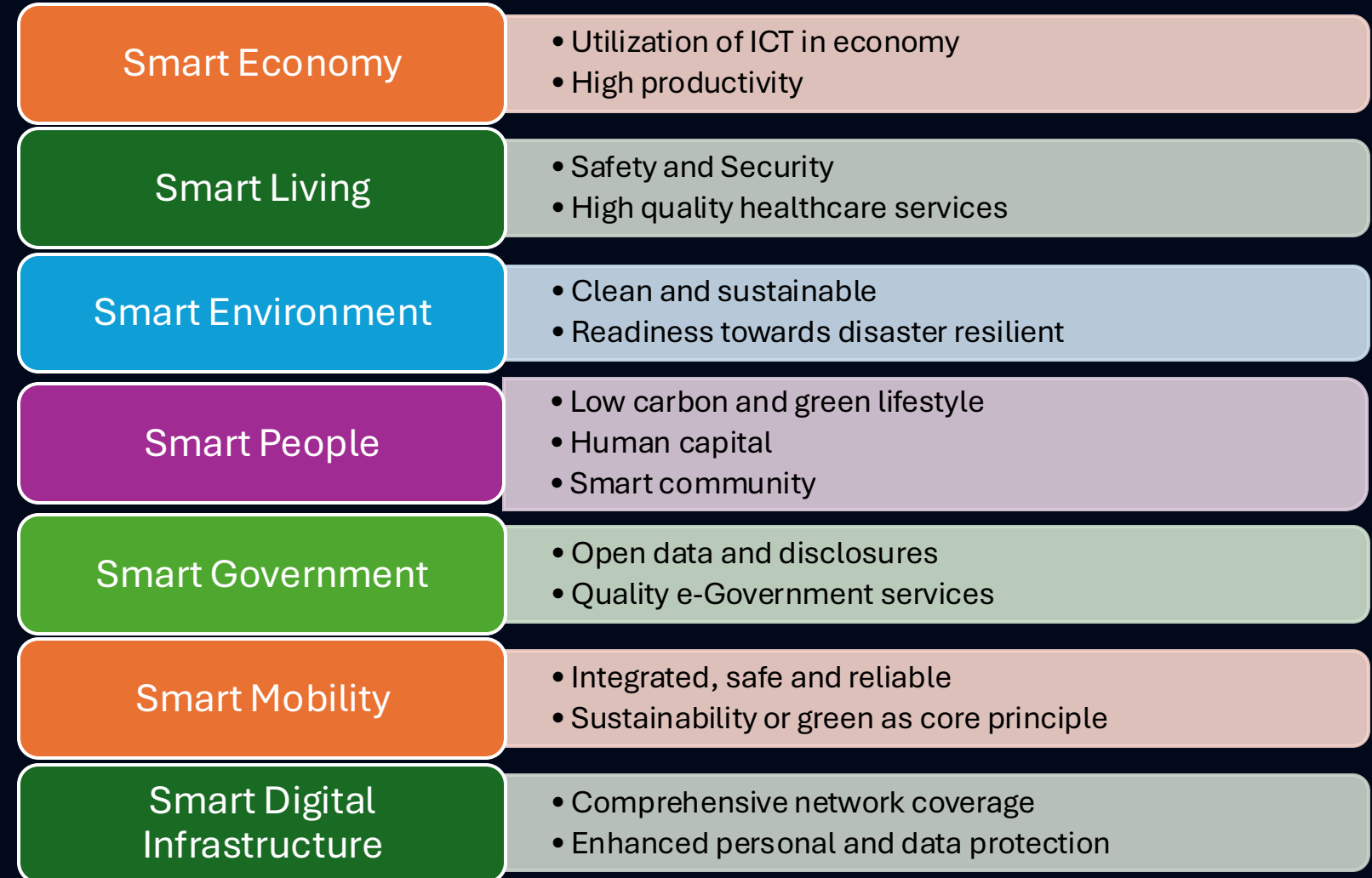
And many more with over a **thousand** modules



SMART CITY

3 Layers of Smartness

- The **tech base** includes networks of connected devices and sensors
- Smart **applications** and data analysis capabilities
- **Adoption and usage**, often leading to better decisions and behavior change



SMART CITY GUIDING PRINCIPLE



Tech Base

- Sensors and IoT devices such as cameras, street furniture
- Crowd source (mobile app)
- Communication network through LPWAN or LoRa and NB-IoT

Technologies

- Convergence of data
- Collaboration
- Big Data Analytics
- Governance
- Open Data Portals

Use case

- Prediction and modeling
- Correlation of datasets
- Social inclusion

Operation Center



Cloud Data Center



Internet of Things



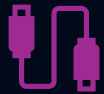
Communication Network



SMART CITY – STREET FURNITURE



- ❖ At its core, IoT Street Furniture is to complement existing infrastructure with new elements such as safety, sensing and communication while extending additional functionality as needed
- ❖ The IoT Street Furniture provides the following:-



Connectivity
Empower digital equity solutions by providing a platform with power, connectivity and location for Wi-Fi



Display
Advertising

Notice/Information from local council or authority



Safe environment
Face Recognition

Public Announcement or Emergency broadcast.

Scream, shout etc as part of detection

Emergency panic button



Environmental IoT sensor
sound, pollution, PMI Index, temperature & RH

Form the basis of background sensors

Photo sensors etc



People - Analytics
People counting, crowd density as part of data collection programs



Wayfinding



Security Smart Pylon

- ❖ Security – On site surveillance, SOS module and 2-way communication
- ❖ Environmental sensor – to monitor air quality
- ❖ Sound Analytics – Scream, sudden dB change
- ❖ Secured Wi-Fi
- ❖ Optional: Charging facilities – USB

Smart Kiosk





EVA (AI)

Empowering Intelligence with foundation models and world models



SINGULARITY

PHYTIA

- Machine Learning
- Multi Disciplinary Domain
- Prediction & Insights

CIPHER

- Document & Text Recognition
- Languages

CYCLOPES

- Vision AI Beyond Surveillance
- General & Specific
- Fragment AI

EKHO

- Document and Text Recognition
- Languages

SENTINEL

- AI For Surveillance
- Security and Safety
- Person, Vehicle





CIPHER



Understanding Language

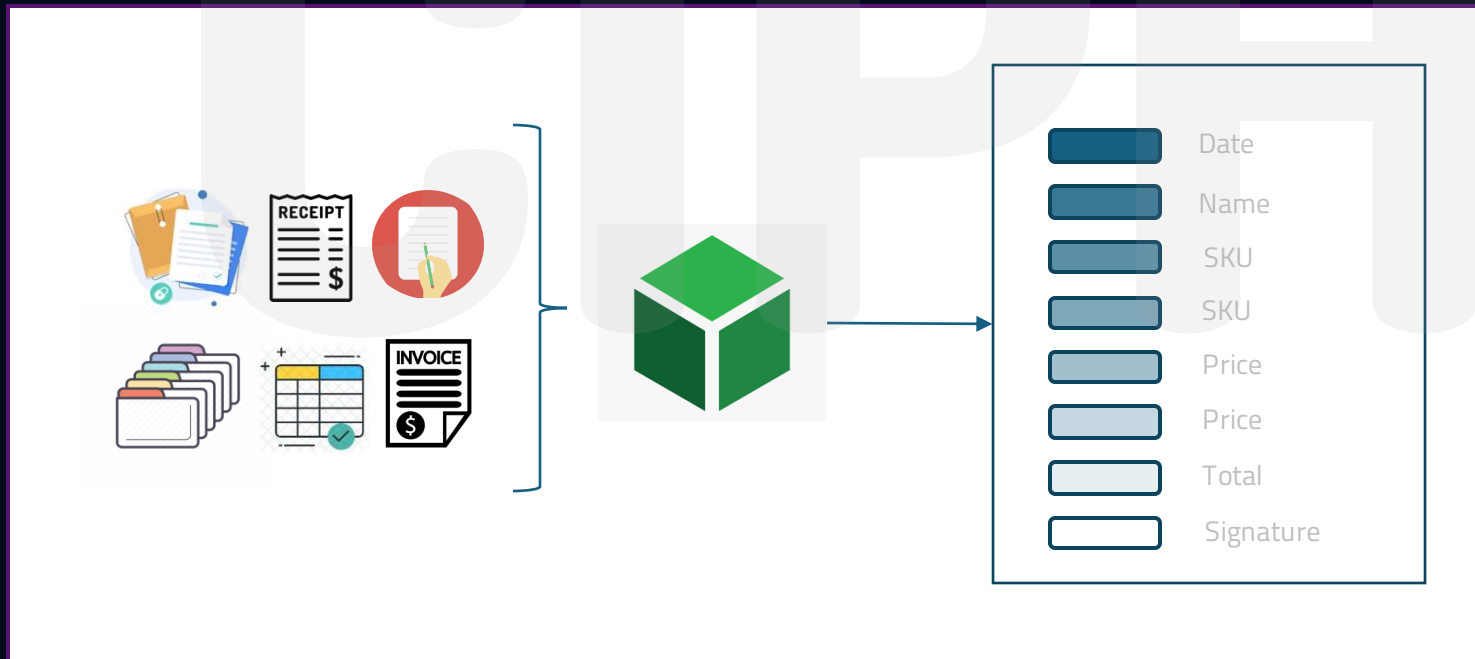
Going beyond just OCR or License plate recognition. Today's world demand that the AI can not just recognize the standard predetermined character font but even handwriting or so.

Springtech's CIPHER aimed to go beyond recognizing characters but understanding each context in various forms and languages.



CIPHER - Documents Extraction

A complete document processing solution. Using Computer vision and NLP, we have developed CIPHER with adaptive machine learning document processing solution



Benefits

1. Support Non-standard formats
2. Cater to customer specific requirements
3. NO templates required
4. Models improved and updated



EKHO



Advanced AI Voice Assistant

Ekho is a conversational AI solution tailored for call centers.

Ekho as an intelligent generative AI voice assistant that streamlines repetitive interactions, empowering human agents to focus on complex and sensitive customer issues. By leveraging Ekho, businesses can enhance containment rates, delight callers, and significantly boost operational efficiency within their call centers.



Ekho AI Voice Assistant

Ekho utilizes advanced technologies: Large Speech Models (LSMs), Automatic Speech Recognition (ASR), and Expressive Neural Voices.



Benefits

1. LSMs personalize interactions and understand caller needs.
2. ASR transcribes spoken language accurately in real-time.
3. Expressive Neural Voices deliver natural and clear voice output.
4. Together, they boost customer satisfaction and optimize call center operations.

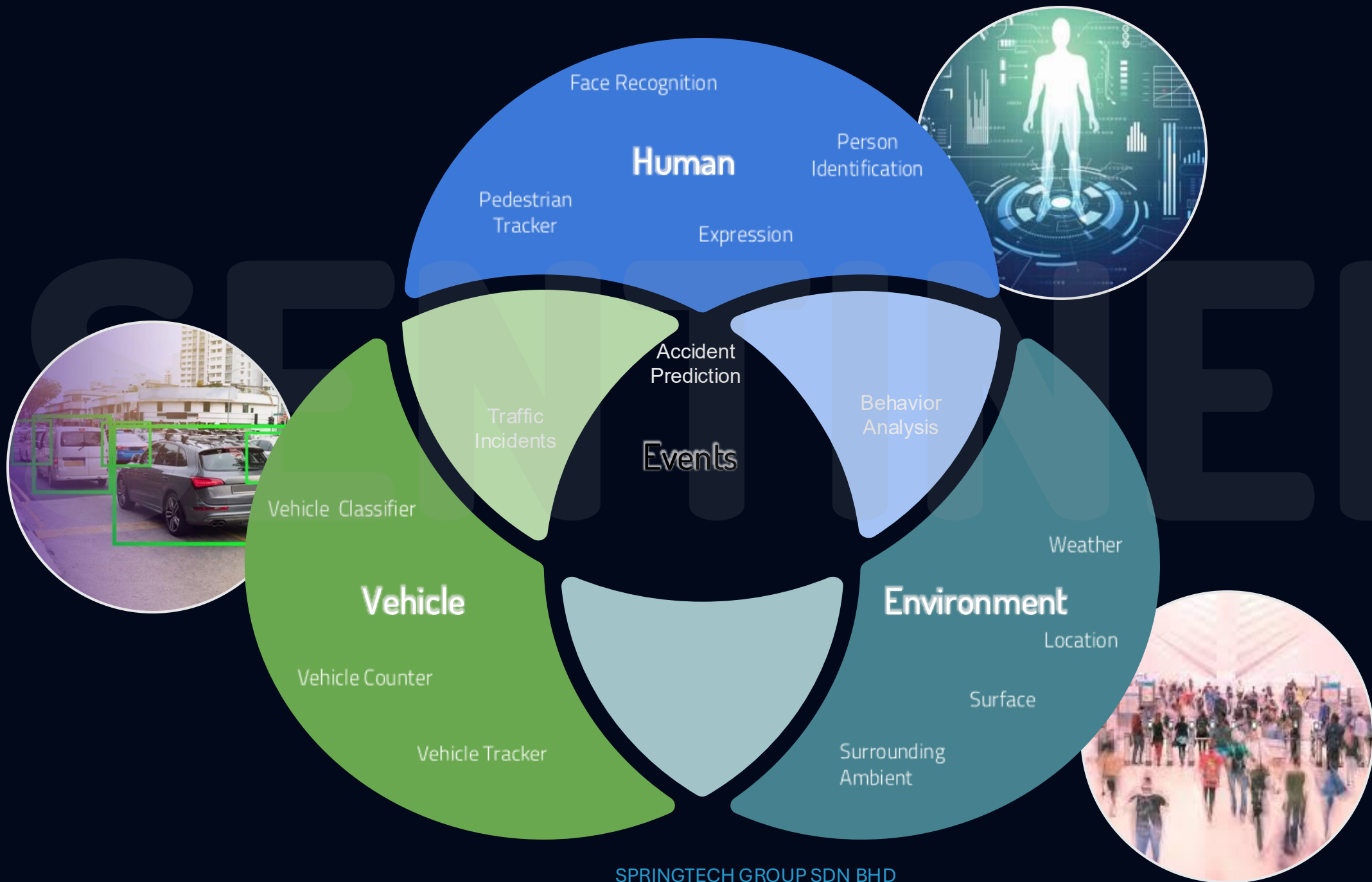


SENTINEL



Stereoscopic Security

Perception enhanced via AI-driven imaging analytics





CYCLOPES



Cyclopes enable scalable with foundation models such as detection, classification, and counting across fragmented industries.

Cyclopes adaptability supports applications in manufacturing, agriculture, healthcare, logistics, and more.

By generalization, fine-tuning, and edge deployment, Cyclopes drive automation and insights despite diverse environments.



Health and Safety compliance

- ❖ Smoke detection
- ❖ PPE detection
- ❖ Handwash



Efficiency & Productivity

- ❖ Queue management
- ❖ Absence detection



Business Intelligence

- ❖ Traffic counter
- ❖ Demographic
- ❖ Patterns & Anomalies



Business Policies & Compliance

- ❖ Anti tailgating
- ❖ No handphone usage



Smart Inspection

- ❖ Quality control
- ❖ Equipment status detection

The Paradigm of Cyclopes



PYTHIA

Pythia envision as advance AI by understanding the underlying data-generating processes.



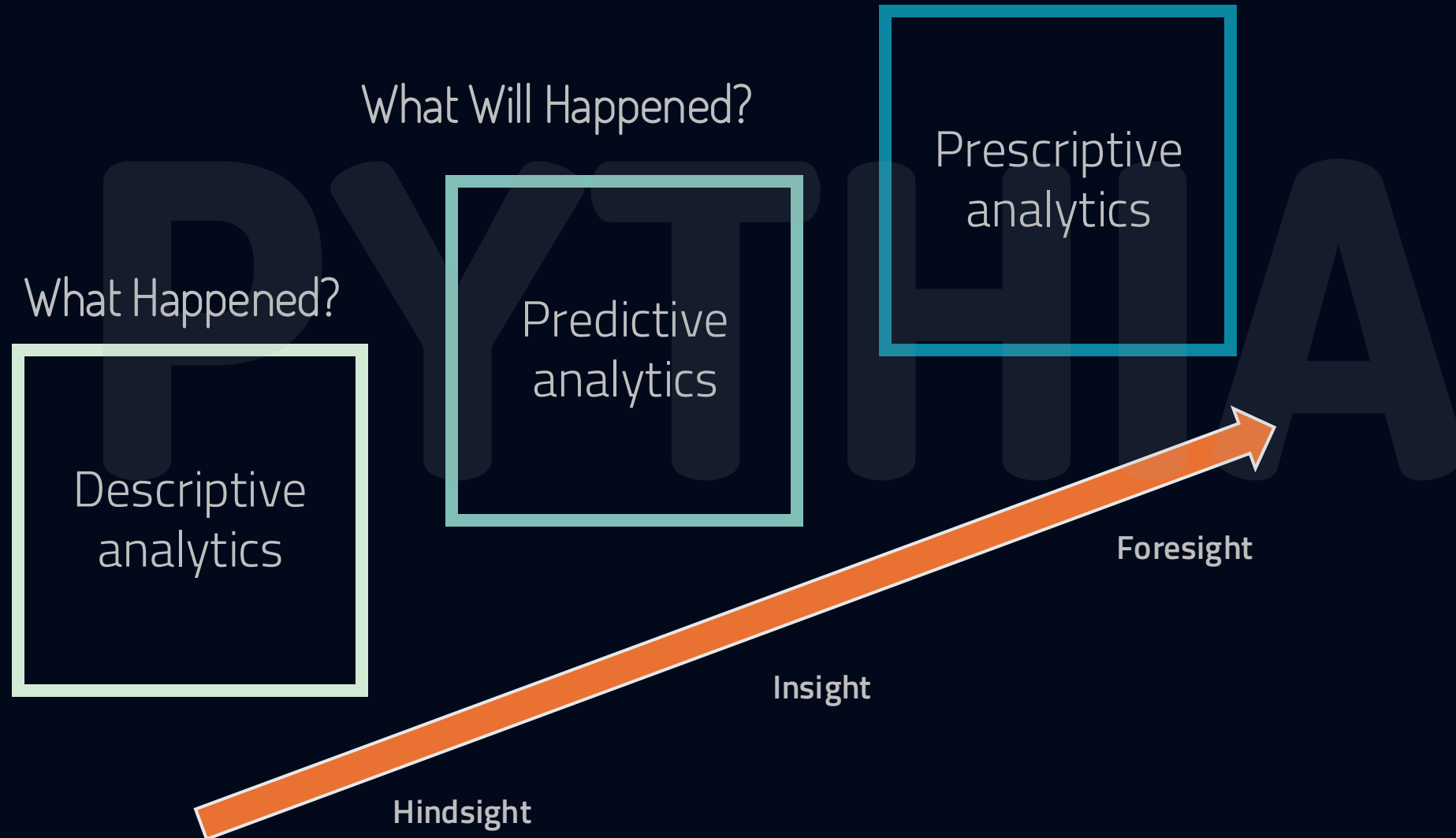
Rooted in symbolic AI, neurosymbolic systems, and econometrics, they uncover causal relationships rather than mere correlations.

This enables Pythia to make informed, strategic decisions aligned with desired outcomes.

For example, instead of just predicting customer churn, Pythia analyze how factors like pricing, competition, and discounts interact to influence behavior. This holistic, causal approach empowers enterprises to navigate complex environments more effectively.

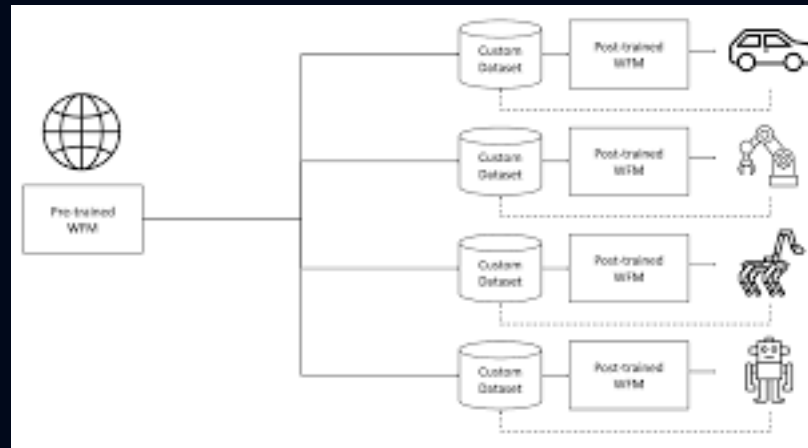


How Can We Make It Happen?





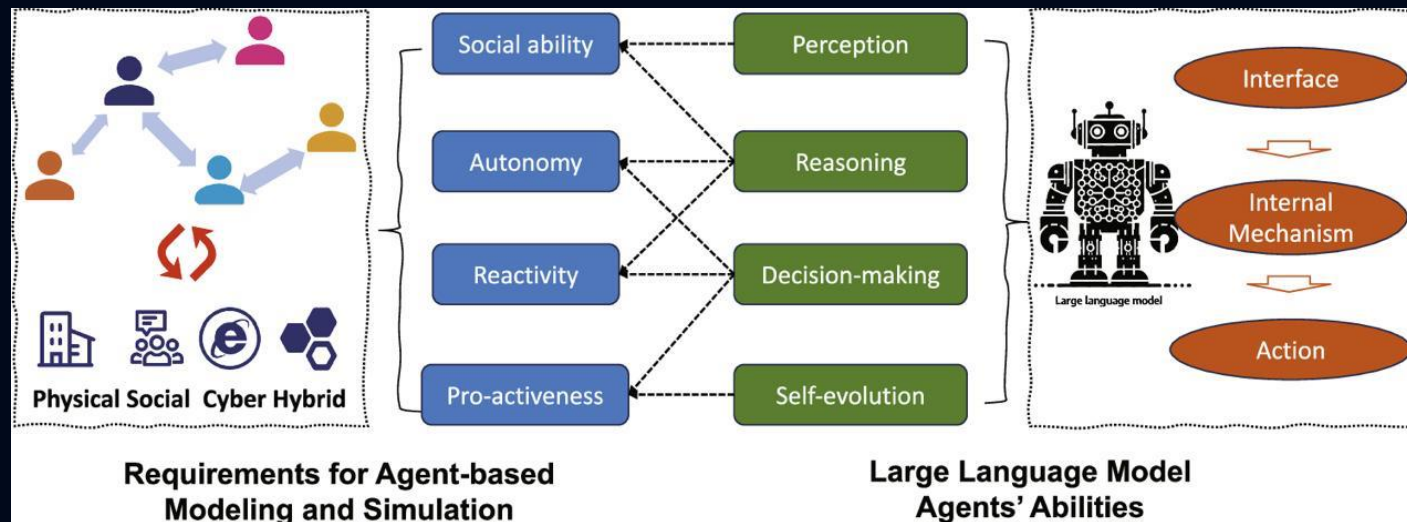
How Can PYTHIA Make It Happen?



[Pretrained World Model] ---> (Fine-Tune) ---> [Customized World Model]

[Your Data + Business Rules] -----> [Prescriptive Engine]

[Actionable Recommendations / Decisions]





INDUSTRIAL



URBANSCAPE



BUILDINGS

ATLAS Unified

Integrated Solution For Every Segment

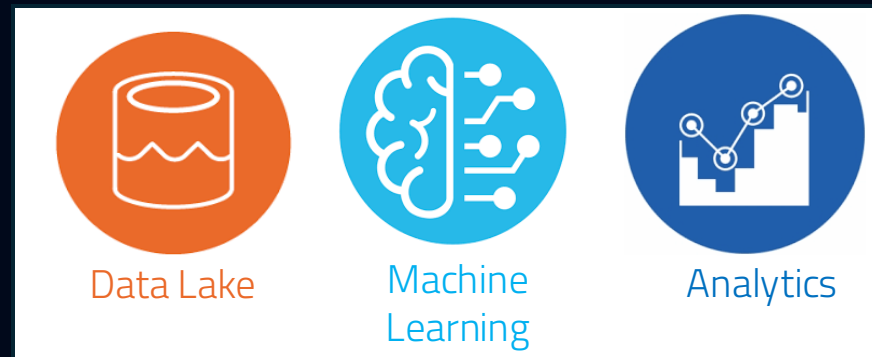
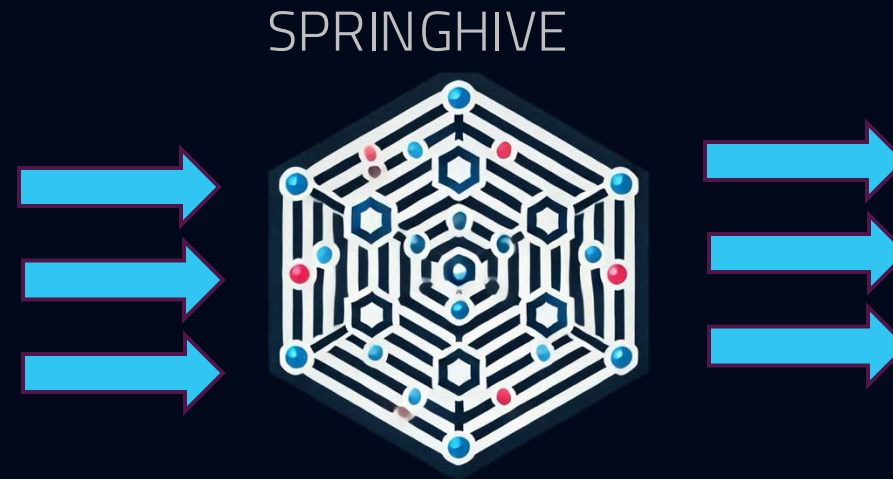
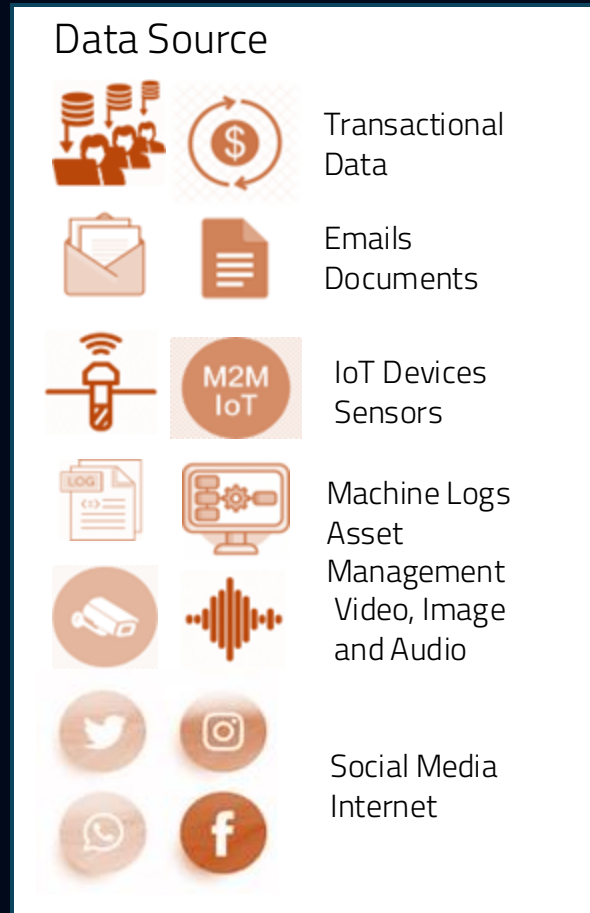


ATLAS Unified

- The application of all Springtech combined technologies to create real world applications for industries.
- Industries that we have served :-
 - Automotive sector
 - Manufacturing sector
 - Maritime, shipping and logistic sector
 - Property development sector
 - Banking and financial services
 - Mining sector
 - Agriculture sector
 - Retail sector
 - Healthcare sector
 - Government and municipals



ATLAS Urbanscape





Project Name: Smart Depot Solution

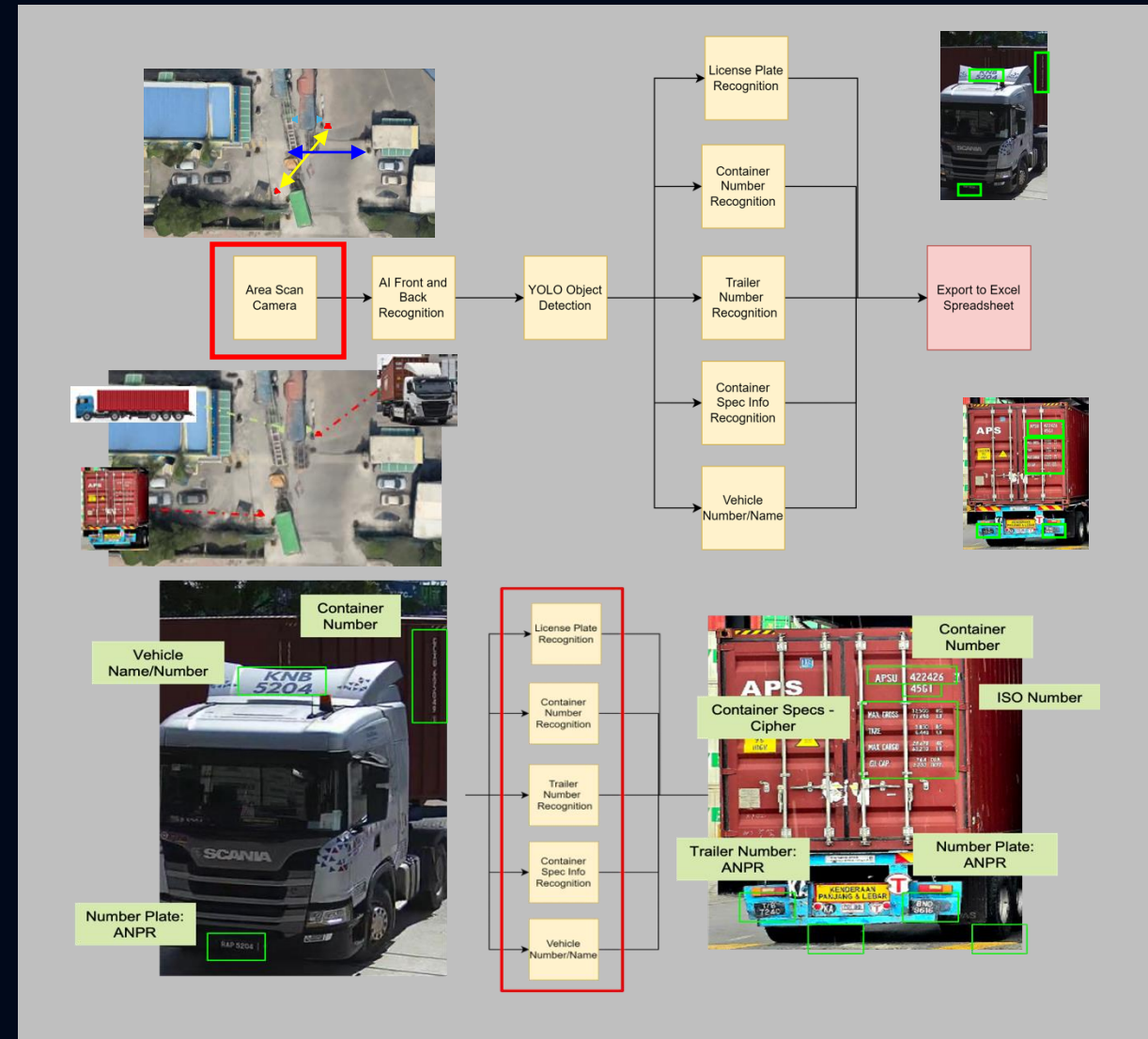
Background: The Smart Depot operates within a container yard, focusing on efficient management of containers while ensuring their condition is assessed prior to entry.

Objective: To integrate Artificial Intelligence (AI) solutions to assist in container movement and logging, and to leverage Computer Vision AI (CVAI)

Scope:

1. Container Number Recognition
2. Damage Inspection

Solution: Following technologies and solutions have been deployed; EVA Bridge, Cyclopes and Cipher AI





Project Name: Smart Port Solution

Background: The Smart Port utilizes AI and 5G to enhance security, connectivity, and operational efficiency, addressing key aspects like safety, infrastructure, and workforce management.

Objective: To improve security, enable seamless connectivity, and optimize operations through AI and 5G technology.

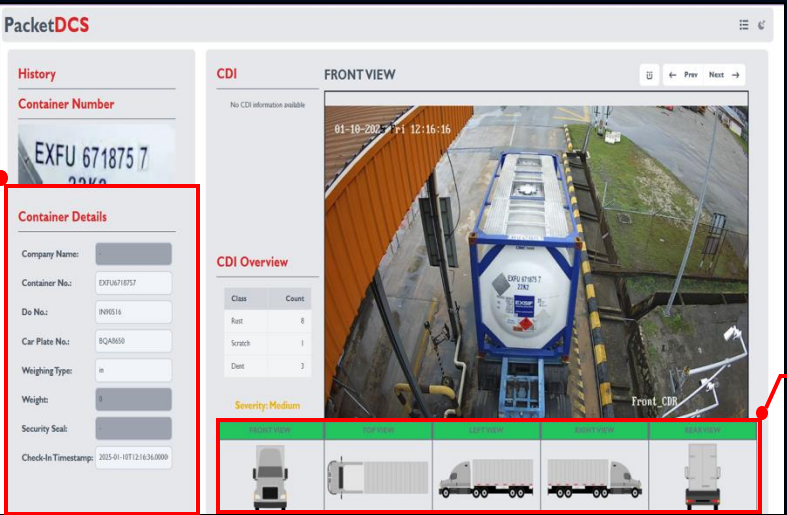
Scope:

- 1. Security: Advanced surveillance and access control.
- 2. Container and Yard Management: Efficient tracking and organization of containers.
- 3. Stevedoring: Streamlined cargo loading and unloading.
- 4. Human Capital Management: Attendance and visitor tracking systems.

Solution: Following technologies and solutions have been deployed; EVA Bridge, Cyclopes AI , Sentinel AI and Cipher AI



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Project Name: Cipher's LDM for Logistics

Background: Intelligent Document Processing (IDP) for logistics documents .

Objective: To automate document extraction in a logistics company to reduce human clerical work and improve operational efficiency.

Scope:

1. Scanning and digitization of physical documents
2. Automated data extraction using Cipher's
3. Data validation and discrepancy resolution
4. Secure storage and retrieval of extracted data

Solution: Following technologies and solutions have been deployed; Cipher AI

The screenshot displays the Ezytronic system interface, which is used for managing logistics documents and export status.

Invoice Section:

- Vendor Name:** E2-TRONIC SDN BHD
- Invoice No:** INV/0088
- Issued Date:** 22-01-2024
- Customer Name:** WTT SHIPPING SDN BHD

Item List:

ITEM NO	ITEM DESC	UNIT PRICE	UNIT + QTY	ITEM AMOUNT
SP VENTILATION FAN	VENTILATION FAN - 100mm dia x 150mm x 150mm - 2 pin - 12V - 10 UAH	10	85.00	180.00
SPRINKLER DEPLOYMENT	Deployment - 100mm dia x 150mm x 150mm - 2 pin - 12V - 10 UAH	1	85.00	85.00

Dashboard Section:

EXPORT

- In Progress:** 10 boxes still in progress / 91 of boxes, 11 % of boxes still in QC
- Completed:** 0 box(s) has completed QC / 91 of boxes, 0 % of box(s) has already completed the QC
- Exported:** 4 box(s) has exported / 91 of boxes, 4 % of box(s) has already exported

Boxes Status: Sony Trade

Batch Name	Box Name	Last Accessed By	QC Status	Export Status
August 2023	30-08-2023	n/a	Not Started	Not Yet Exported
August 2023	08-08-2023	n/a	Not Started	Not Yet Exported
August 2023	14-08-2023	n/a	Not Started	Not Yet Exported
August 2023	22-08-2023	n/a	Not Started	Not Yet Exported
August 2023	28-08-2023	n/a	Not Started	Not Yet Exported
August 2023	03-08-2023	n/a	Not Started	Not Yet Exported
August 2023	04-08-2023	n/a	Not Started	Not Yet Exported
August 2023	10-08-2023	n/a	Not Started	Not Yet Exported
August 2023	23-08-2023	n/a	Not Started	Not Yet Exported

Overall Export Status for Sony Trade:

A pie chart showing the distribution of export status: Boxes Exported (small slice) and Boxes Not Yet Exported (large slice).



Project Name: Clean Room IoT Sensing

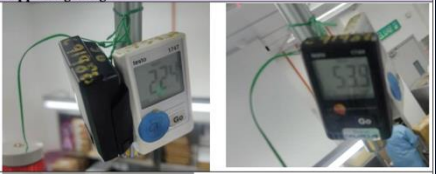
Background: New extension with IoT solution for environmental monitoring

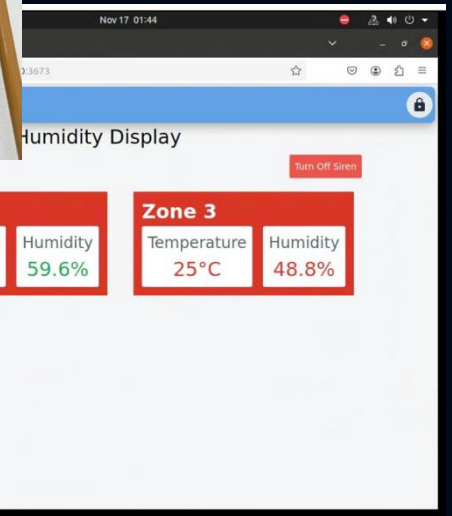
Objective: Simple, standalone Environment Monitoring System (EMS)

Scope:

1. Supply, install, testing and commissioning of the IoT Sensors and Controllers
2. Deploy Eva lot IoT for centralized reporting and edge HMI

Solution: Following technologies and solutions have been deployed; Eva lot, EVA Bridge

Sensor	Supporting Image
Sensor Point 1 (Sensor 1)	
Sensor Point 2 (Sensor 3)	





Project Name: Malaysian Vehicle Manufacturer

Background: Defect detection for pre-owned vehicles

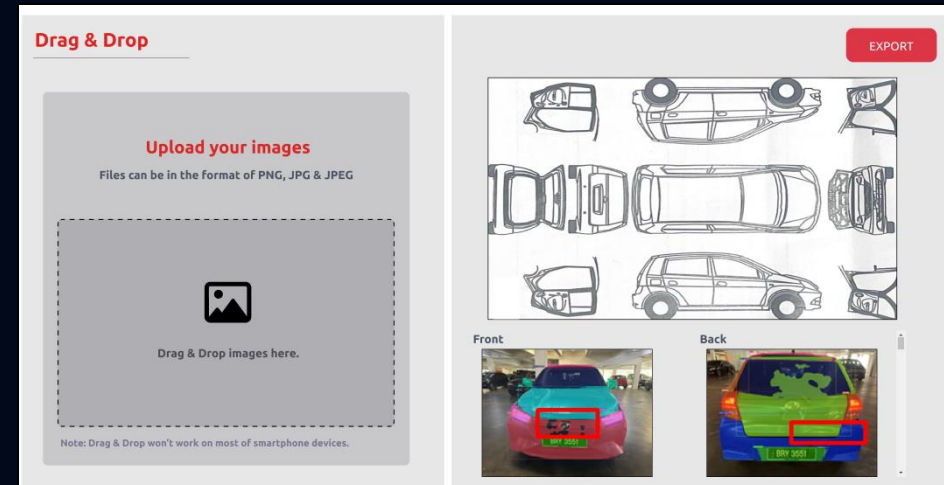
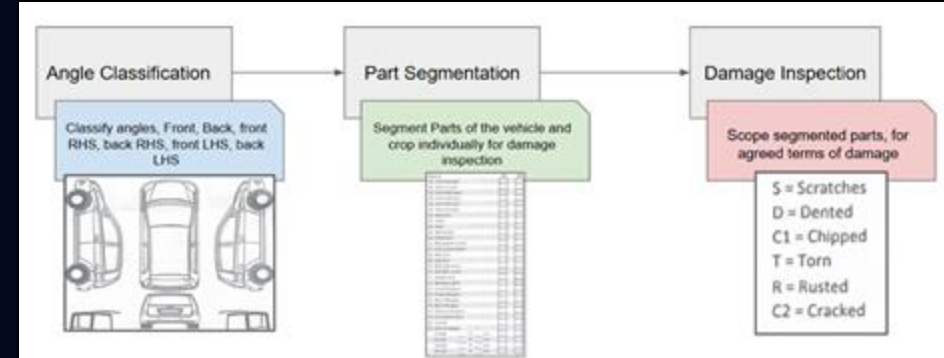
Objective: to automate the audit process and log the damage using AI and workflow

Scope :

- Automated damage detection & reporting for trade-in vehicles.
- Precisely identifies damage location by vehicle part
- Generates detailed damage checklists
- Seamlessly integrates with vehicle valuation system.

Solution:

- Deployed Cyclopes and Cipher AI, EVA Bridge





Project Name: ShipSecure

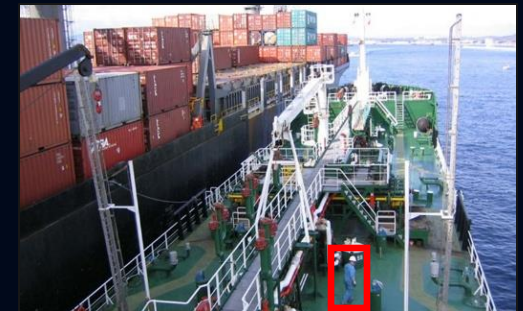
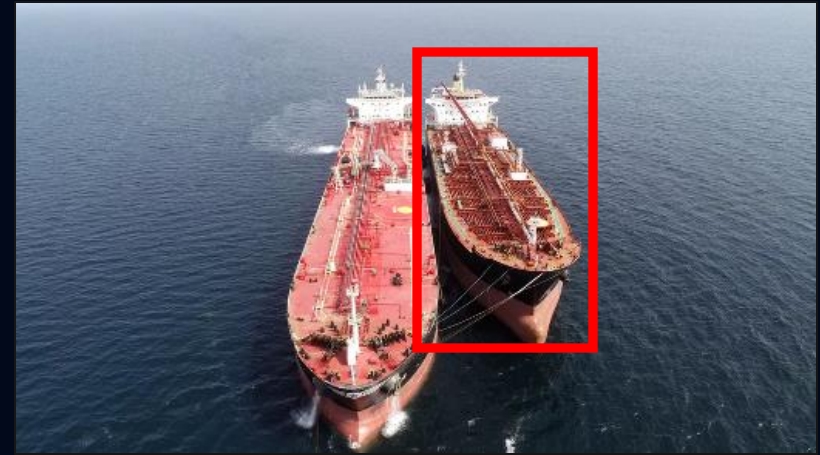
Background: Fuel Security & Insider Threat Mitigation on Bunkering Vessels

Scope:

- Ship Detection: Monitors vessel movement in STS zones.
- Human Behavior Analysis: Flags unsafe or suspicious crew actions.
- Face Recognition: Verifies crew identity in real time.
- Centralized access to visual and data logs

Solution:

Deployed Sentinel AI, Cyclopes AI and EVA Bridge





About Us

The Team, Our Clients and Our Partners



Our Clients



Public Sector | Health | MNC | Financial | Education | Engineering | Other



Our Ecosystem Partners



GIGABYTE™



Ruijie



LoRaWAN™



somfy.



signify



HIKVISION™

**Schneider
Electric**



PcVue Solutions

KNX

unv

**alhua
TECHNOLOGY**



AVIGILON™

MILESTONES



CONGRATULATIONS

SPRINGTECH VENTURES SDN BHD



CFSB/INV/CIPSPARK/CL/2025-48/MZA

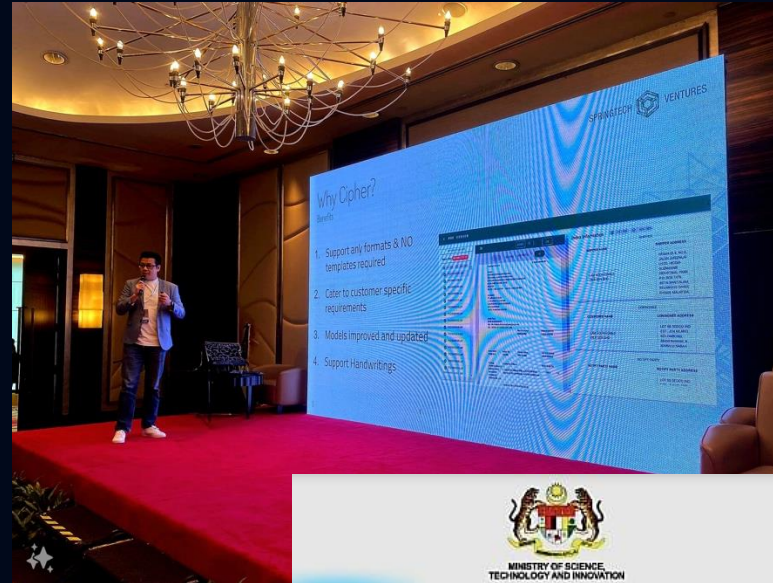
12th February 2025

Springtech Ventures Sdn Bhd,
Unit 333, Block A2,
Leisure Commerce Square,
Bandar Sunway,
46150 Petaling Jaya

Dear Mr Josepha Lim,

Title : CIPHER AI
Company Name: Springtech Ventures Sdn Bhd
(Hereinafter referred to as the "Company")
Agreement : CIPSPARK Funding Agreement & Deed of Directors' Guarantee entered between
Springtech Ventures Sdn Bhd and Cradle Fund Sdn Bhd dated 17th November 2023
(hereinafter referred to as the "Agreement")

Completion and Acceptance of Deliverables of the Final Milestone in the CIPSPARK Agreement
(hereinafter referred to as "Completion Letter")



MILESTONES



<https://news.usm.my/index.php/berita-mutakhir/6464-usm-springtech-ventures-jalin-kerjasama-strategik-perkasakan-ict>

TAWARAN GERAN RUTeam TAHUN 2023 - DR. MAJID KHAN

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TAWARAN GERAN RUTeam

TAHUN 2023 - DR. MAJID KHAN

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TAWARAN GERAN RUTeam

TAHUN 2023 - PROF. MADYA DR.
AHMAD SUFRIL AZLAN
MOHAMED

Assalam
Rahiman

Berikut di
RU Team
perincian

Tajuk
Pasukan
Ketua
Pasukan

Tajuk S
Projek
Ketua S
Projek

Assalamualaikum, Prof. Madya Dr. Ahmad Sufril,

Berikut dimajukan sesalinan surat penawaran Geran
RU Team Tahun 2023 di bawah seliaan tuan seperti
perincian di bawah:

Tajuk : **Automated Drone Surveillance for
Port Monitoring & Inspections**

Pasukan : **Prof. Madya Dr. Ahmad Sufril
Azlan Mohamed**

Tajuk Sub : **Object & Person Detection for
Automated Drone Surveillance**

Ketua Sub : **Prof. Madya Dr. Ahmad Sufril
Azlan Mohamed**



Merci

ευχαριστώ

Dankie

谢谢

cảm ơn
ကျေးဇူးတင်ပါတယ်

Salamat

THANKS!

Faleminderit

감사합니다
Grazie

ขอบคุณ
ครับ

Dank je Děkuji

شكرا لك

ありがとうございます

Hvala vam

Springtech Group Sdn Bhd

Block A2 ,Unit 333, Leisure Commerce Square, Jalan PJS
8/9, 46150 Petaling Jaya, Selangor, Malaysia



THE DREAM





SINGULARITY

PHYTIA

- Machine Learning
- Multi Disciplinary Domain
- Prediction & Insights

CIPHER

- Document & Text Recognition
- Languages

CYCLOPES

- Vision AI Beyond Surveillance
- General & Specific
- Fragment AI



EKHO

- Document and Text Recognition
- Languages

SENTINEL

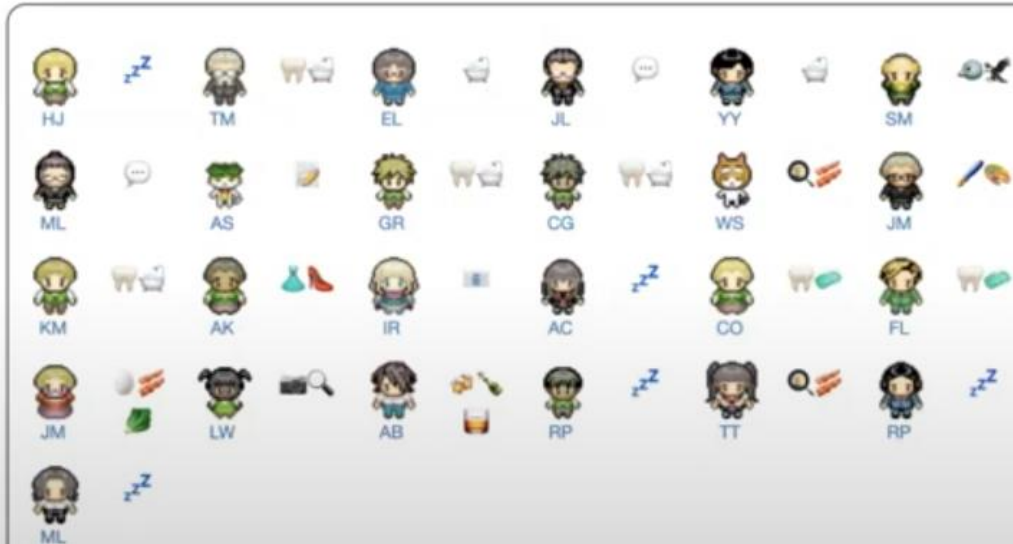
- AI For Surveillance
- Security and Safety
- Person, Vehicle

Simulated World





The world is populated by 25 generative agents

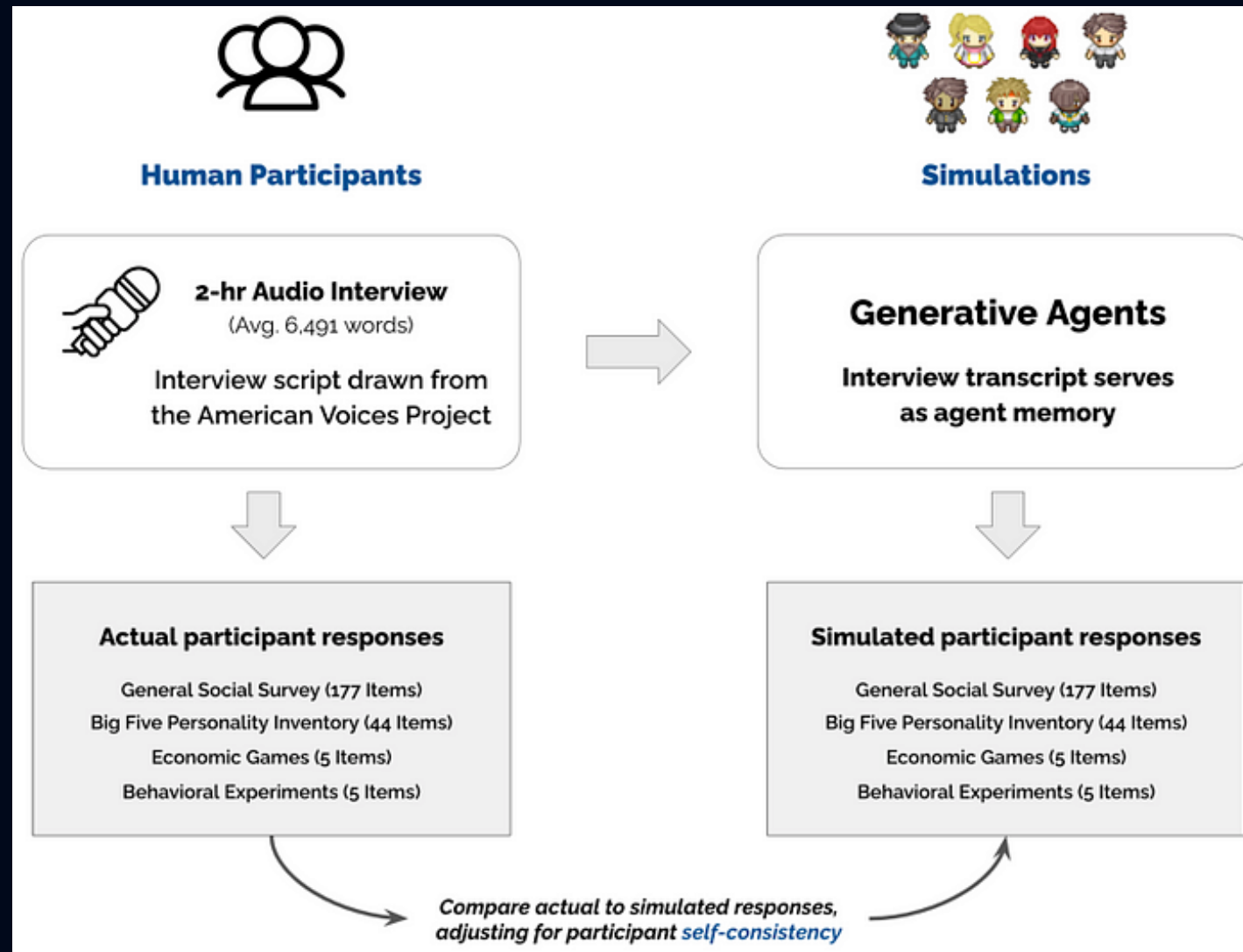


Each agent is initiated with a paragraph. And *that is it*.

“John Lin is a pharmacy shopkeeper at the Willow Market and Pharmacy who loves to help people; [...] John Lin knows the Moreno family somewhat well — the husband Tom Moreno and the wife Jane Moreno.”



**What if you simulate a 1,000
real person?**





85% Accuracy



Potentials

- Better Policy Development
- Breakthrough in Social Science Research
- Advancement in Personalized Services

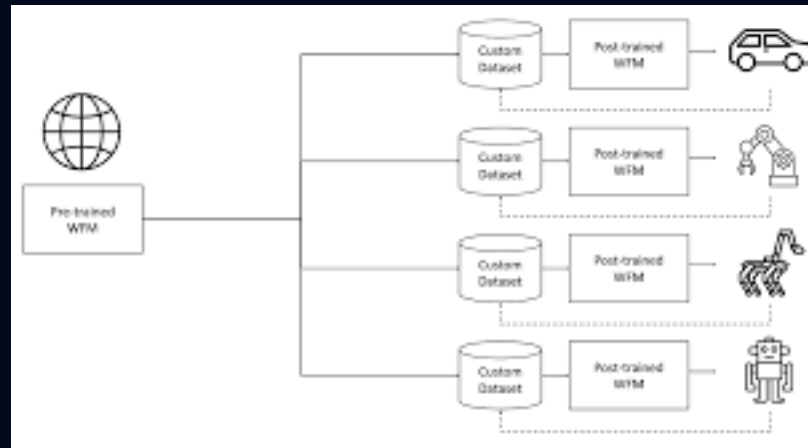


Imagine the Possibilities





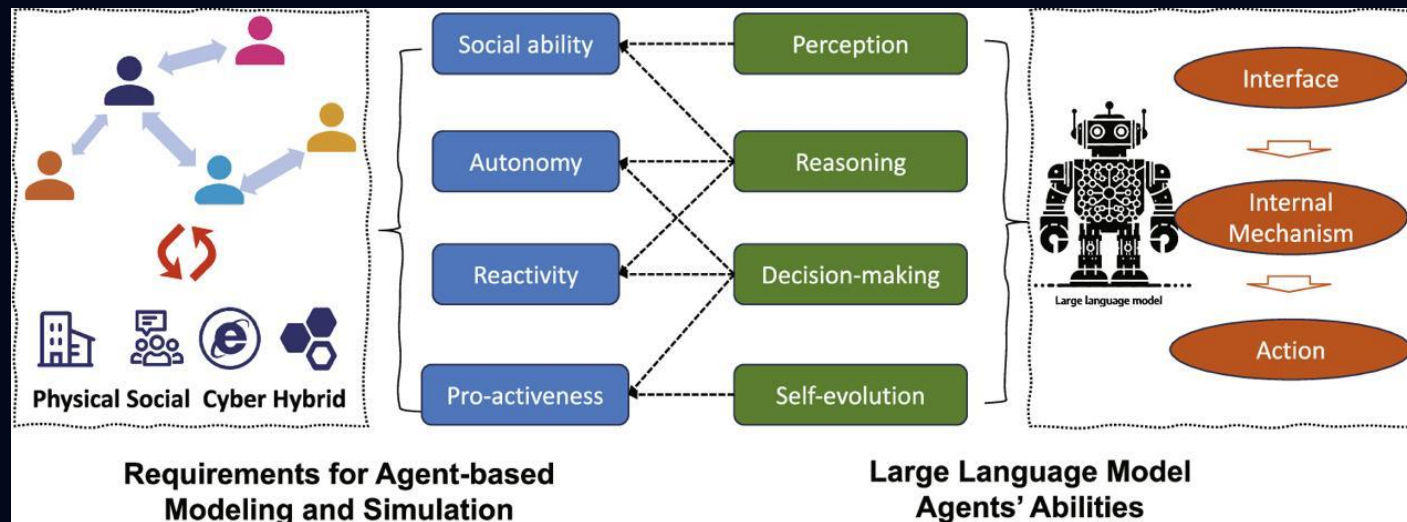
How Can PYTHIA Make It Happen?



[Pretrained World Model] ---> (Fine-Tune) ---> [Customized World Model]

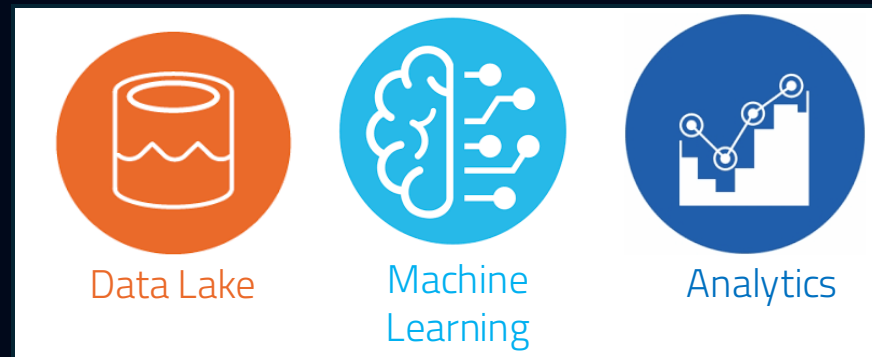
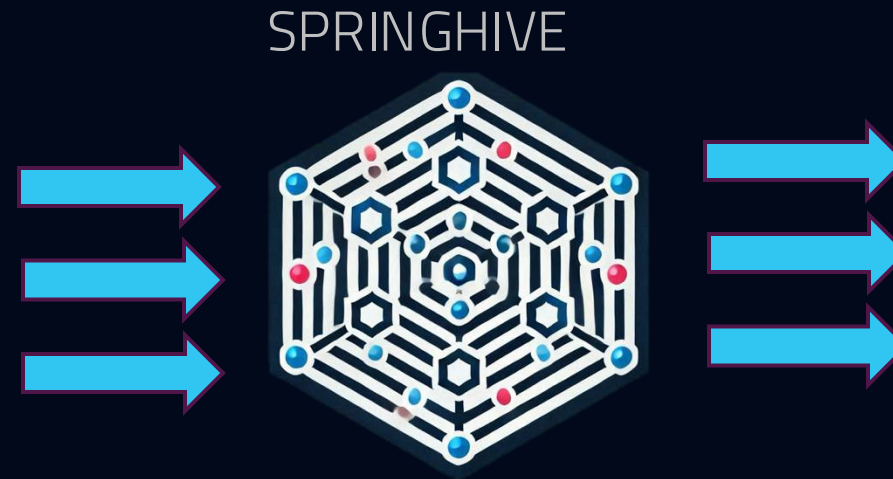
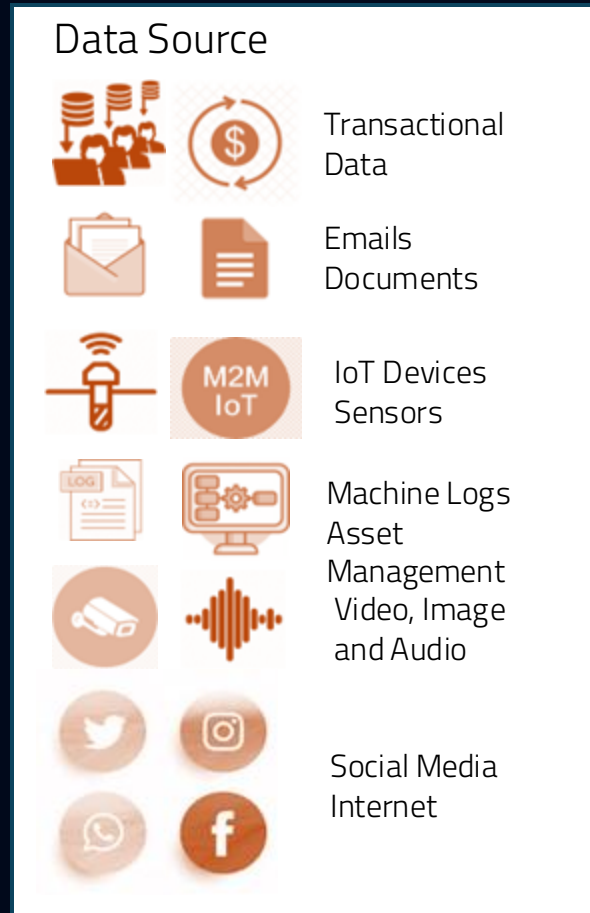
[Your Data + Business Rules] -----> [Prescriptive Engine]

[Actionable Recommendations / Decisions]



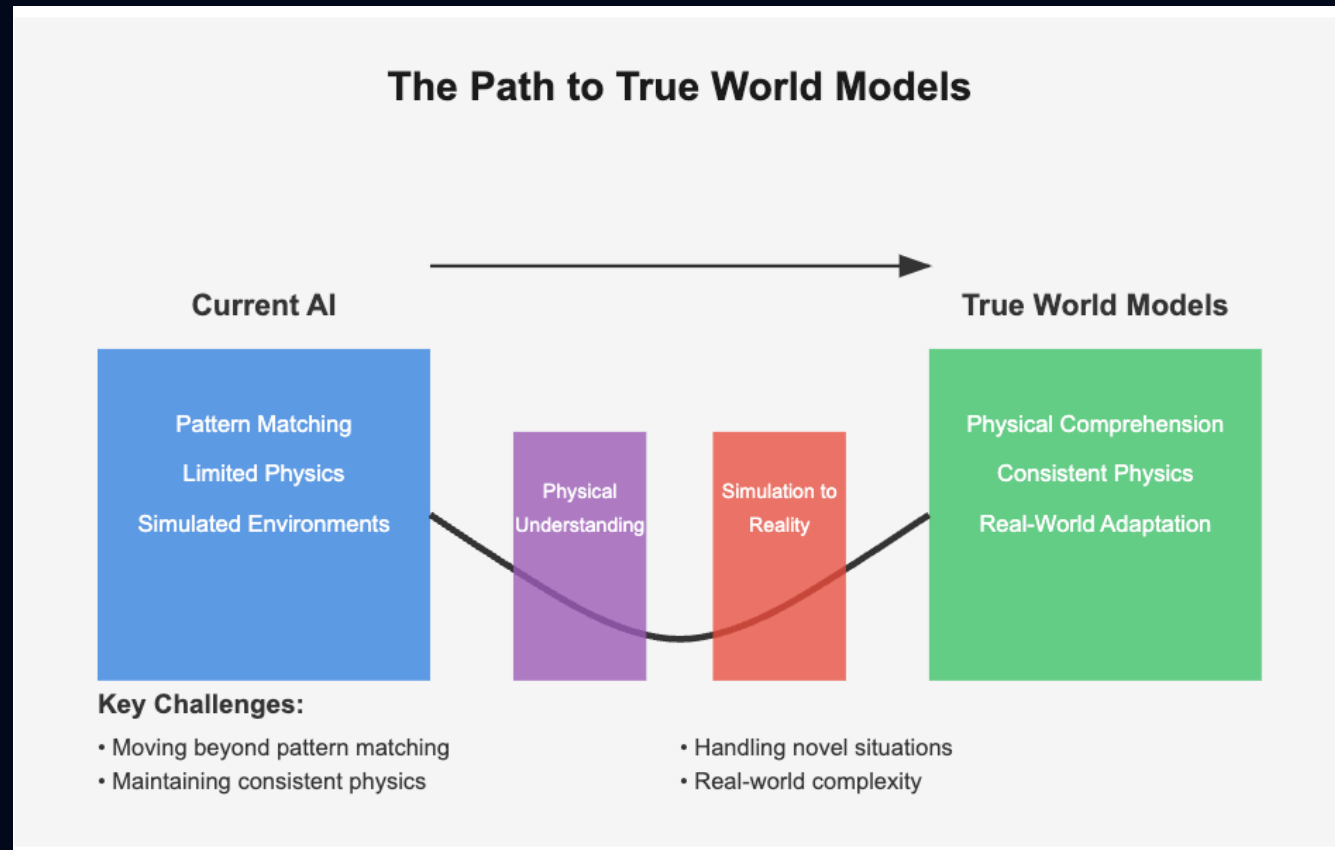


ATLAS Urbanscape





EVA RL (Research Labs)



1. Independent Innovation and Scientific Leadership
 - Control over the direction of research,
 - explore ideas like physical reasoning, causal understanding
2. Custom testing environments
3. Strategic engine for building world models that lead toward AGI.