

## We Are...

- **Today 22 years** since established in 2002
- Started as general supplies trader, to designing, fabricating & commissioning Specialised Mixing-Automation System
- Supplied to the Semicon, Pharmaceutical, Chemical, Energy, E&E and Media industries
- Awarded patent for Chemical Mixing System (2017) •
- **Obtained Pioneer Status since 2021** •
- ISO 9001 certified
- A LMW licensed company





## Vision, Mission, and Values

**Vision:** To be the globally trusted leader in cutting-edge automation for our customers

**Mission:** Empowering customers with innovative, reliable, and cost-effective automation solutions that enhance efficiency, unleash creativity, and accelerate growth

### Values: BOLEH!

- Breakthrough Believe in the power of innovation and the courage to challenge the status quo
- Operational Excellence Continuously drive improvement, deliver exceptional quality, and set high standards in everything we do
- Leadership Foster an environment where optimism, collaboration, and a constructive mindset are the driving forces behind our leadership
- Enchanting customers Build lasting relationships, earn trust, and be the brand that consistently delights the customers we serve
- Have fun Cultivate a dynamic and engaging workplace that encourages a healthy work-life balance

### Your satisfaction always our pride



## **The Leadership Team**

### Effective and interdisciplinary teamwork



#### Dr. Vincent Ang **Managing Director**

Founder of the company **Doctorate Degree in Business** Administration More than 20 years of experience in chemical engineering industry



#### Loh Lin Lin **Finance Manager**

More than 20 years of experience with extensive knowledge of auditing, accounting and payroll processes. She holds a degree in Business IT and is well-equipped to handle all aspects of financial management.

## Alan Lim

More than 25 years of global experience. He holds a Master's degree in Electrical Engineering and has authored 11 technical publications in control engineering, automation solutions, and factory continuous improvement & optimization.



More than 15 years of experience in the business world. He has a Master of Business Administration and is knowledgeable in business applications, sales development, documentation as well as operation management.

MK Ung

More than 20 years of More than 20 years of experience in the engineering experience in the Automation field. design and manufacturing Expert in mechanical design field. and production processes. he is knowledgeable in variety He has been a driving force in of instrumental, control developing new and system, programming, circuit innovative ways to streamline design and simulation. manufacturing.



**KB** Ong

Mohd. Azwani Asst. Eng. Manager

Excels in mechatronics with specializations in PLC programming and circuit design. His proficiency in automation processes, robotics, and system integration amplifies his capacity to effectively lead a team of engineers under his guidance.

Norliza **Branch Manager** 

With over 10 years of professional experience in engineering design, production processes, and the manufacturing field, she holds a degree in mechanical design.



## **Strategic Partners**



**Channel Partner** 





Authorised Partner





Al Partner



System Integrator & Certified Excellence











#### Asia Pacific Authorized Dealer



Cloud Computing Partner





## Members of Alliances















Value Industry Partner











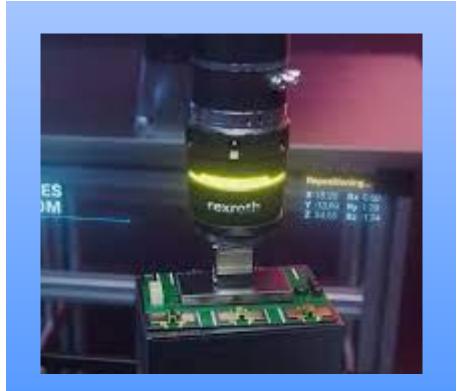




Intel Partner Alliance

## **Our Core Products & Services**





**Smart Manufacturing Line** 



Industry 4.0



#### Services



## **MPLEX Roles in Chemical Automation**

### Your one stop shop for chemical automation solutions



FLUID & CHEMICAL HANDLING EXPERT

Niche problem solver, we're here to help you succeed



Clean room application and high purity



Ultimately serving specific needs



Complete systems that address all aspects of your needs

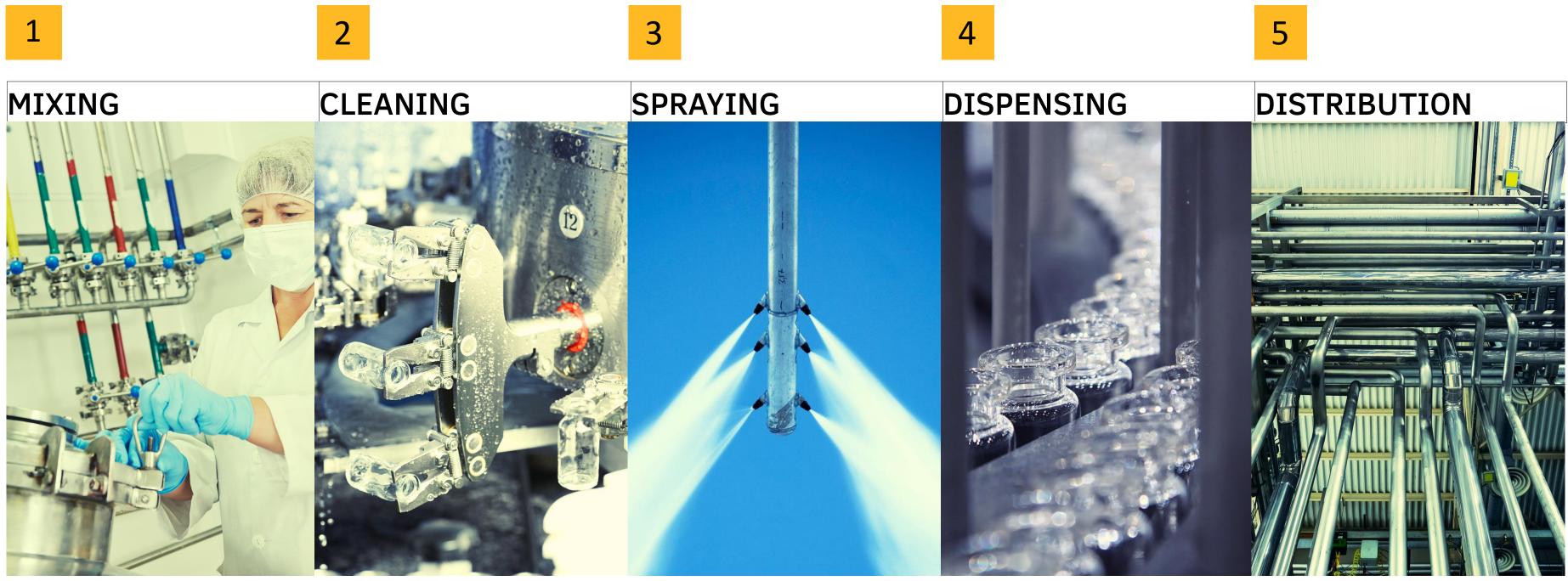


Mixing
Dispensing
Spraying
Cleaning
Distribution



## **Niche Application Provider**

We specialize in designing, manufacturing, and installing industrial fluid control systems







## **Products – iMIX Series (2007 – 2023)**

### Proven solutions for chemical processes



E&E Industry – Solar Mfg



**E&E Industry – Memory Mfg** 





**Medical Industry** 

**E&E Industry – Wafer Mfg** 



## **iMIX Series – Pioneering Solutions for a Global Market**



**United States** 



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South Korea

 $\bigcirc$ 



Philippines



Thailand



Singapora





Japan



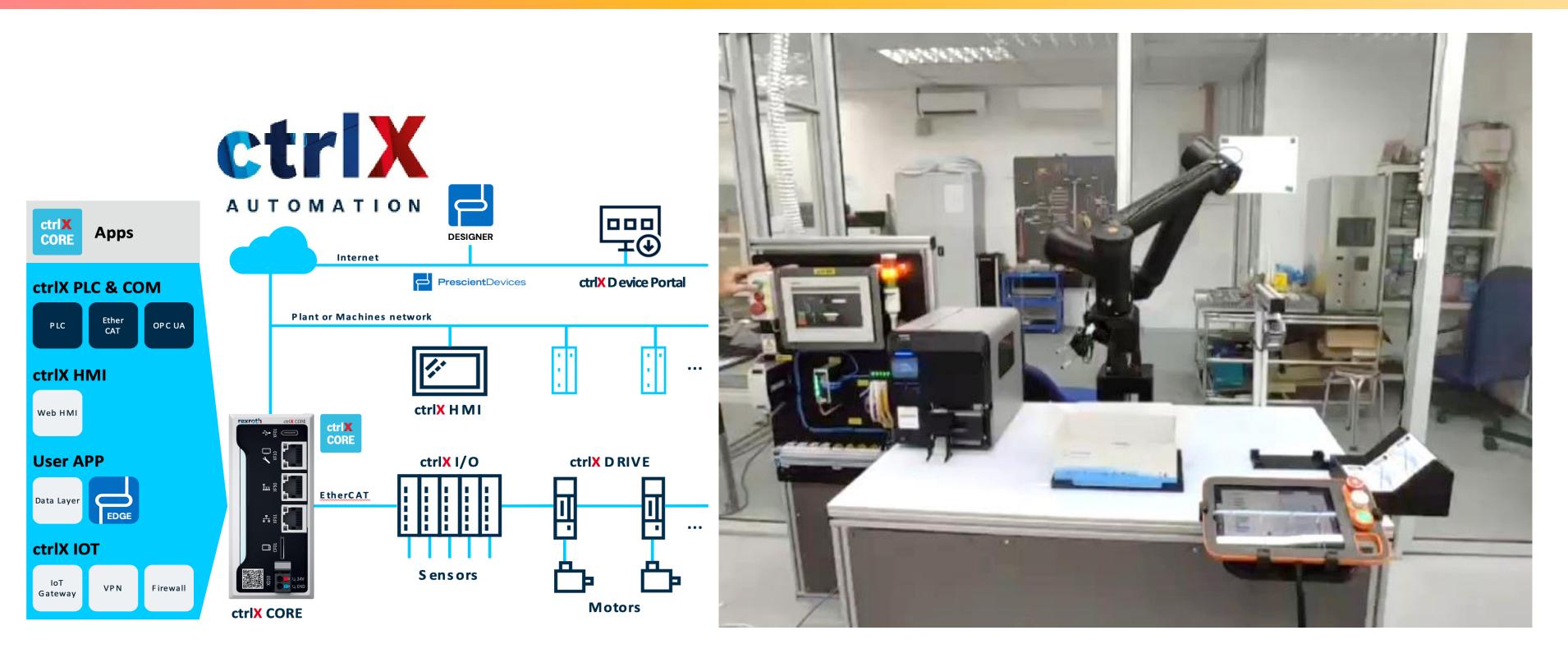


## SMART MANUFACTURING LINE (SML)





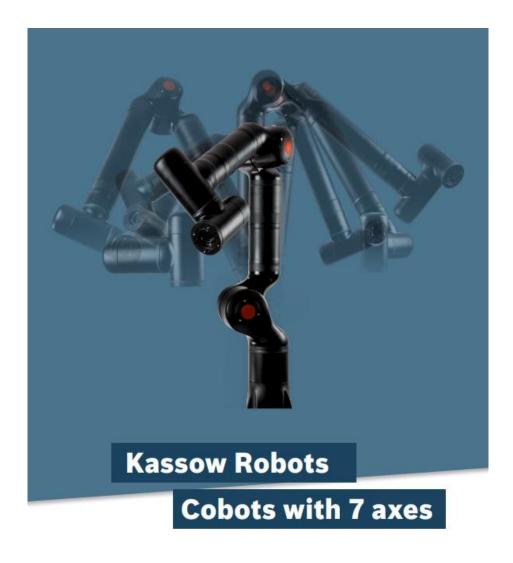
## **SML Automation Design Framework** Unlock limitless possibilities with open architecture







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#### Smart Function Kit

















#### **Dual End Effector**

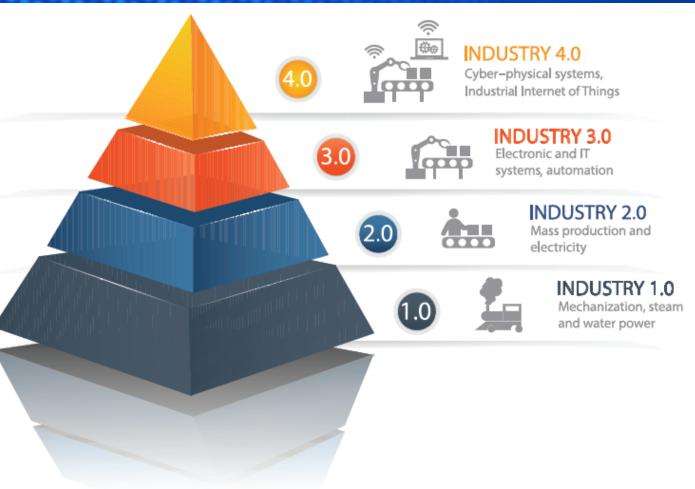














## Industry 4.0/ IoT (Internet of Things)

### Power workplace of the future: a hub of efficiency, productivity, and innovation



www.mplexgroup.com

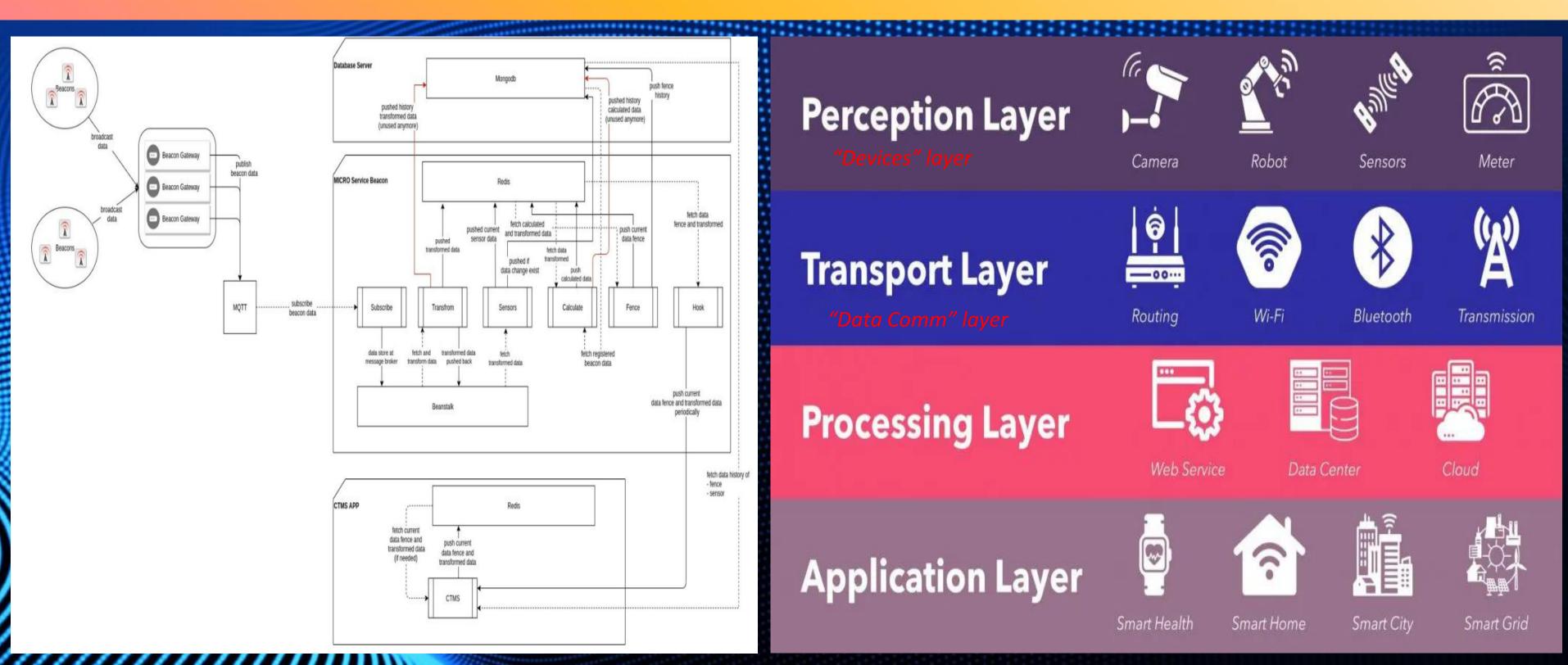
Object Location & Movement Tracking/ Monitoring

Workplace Safety/Security/ Environment/Emergency & Health Monitoring

Intelligent Controls (Data & Video Analytics/ Automated actions)



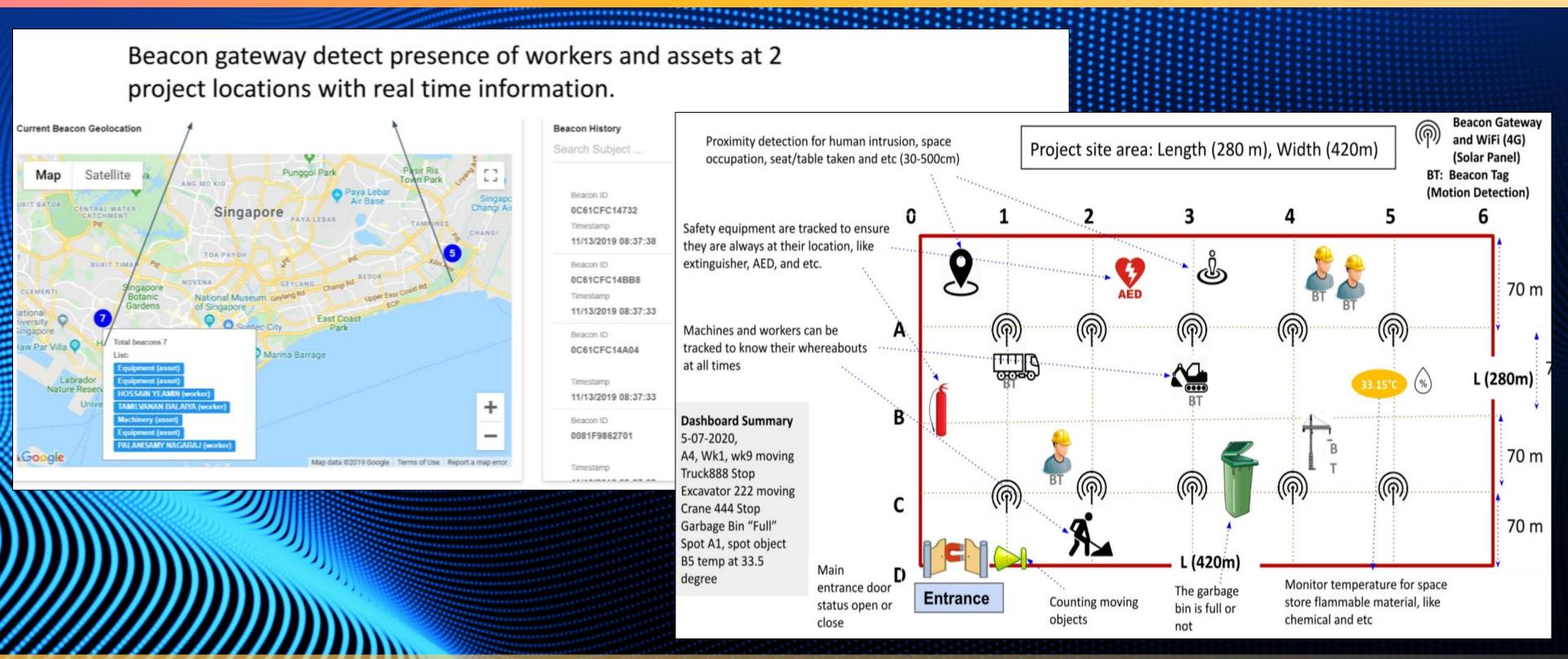
## IoT (Internet of Things) Automation Framework From edge to cloud, architect the connected IoT



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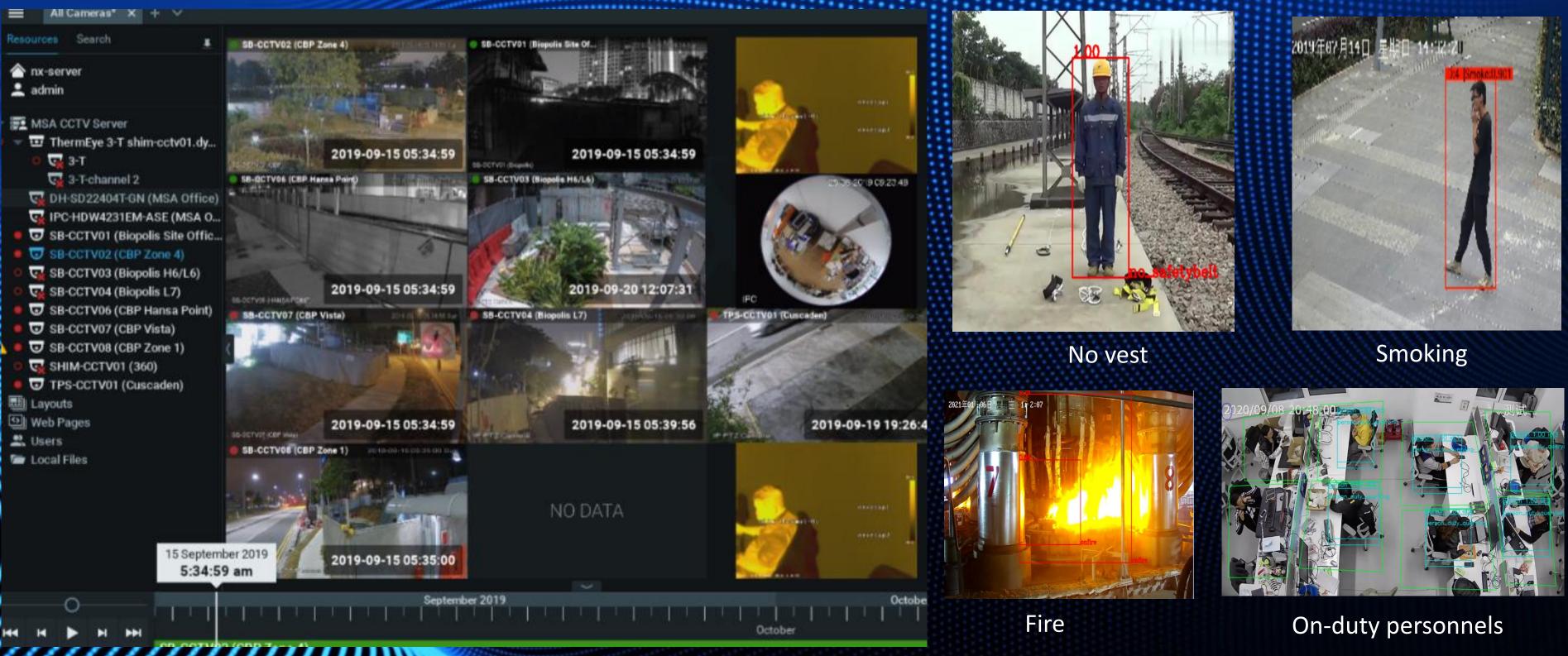


## IoT Possible Application – Object Tracking & Monitoring





## IoT Possible Application – Data & Video Analytics for Patten **Recognition & Automated Actions**



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### We only do what we are best at

High purity process piping system

Sustainable plastics & metal fabrication

Fluid process instrument

Ind

### panel design

ration



# Expansion Plan - Y2025 onward

We're excited to announce the acquisition of a 2-acre plot at Penang Science Park North, marking a new chapter in our expansion journey.

This development will pave the way for a state-of-the-art factory, enhancing our production capabilities.

Phase 1 totaling 30,000 sqft.

Production : 13,000 sqft

Warehouse : 5000 sqft

Clean Room : 2000 sqft

Office Area : 10,000 sqft







# **Questions?** Feel free to reach out to us



# Thank You!

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