

List of Project References

Company: Chinotech International Limited

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Video Analytic & A.I.

Region	Name	End user	Year
Hong Kong	Turbine Work Safety Video Analytic	CLP - Black Point Power Plant	2021
Hong Kong	5G enabled Smart Construction Site Monitoring	Nga Ying Decoration Ltd	2023
Hong Kong	5G enabled Smart Construction Site Monitoring	Por Mee Factory Building	2023
Hong Kong	Facial Recognition Terminal with fever detection	Siemens Hong Kong	2020
Hong Kong	AI Pipe Blockage Detection	Legislation Council	2024
Hong Kong	Smart Chiller Plant & AI Pipe Blockage Detection	Poly U	2023

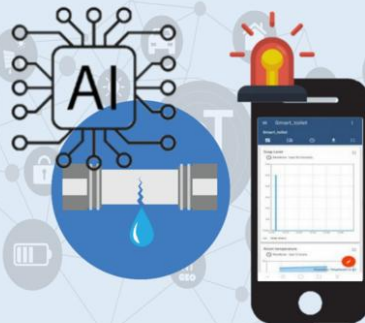


Facility Management

Region	Name	End user	Year
Hong Kong	Smart Metering	SUEZ - IWTS	2021
Hong Kong	Smart Toilet	Hong Kong International Airport	2022
Hong Kong	Smart Facility Management	M+ - ASD	2021
Hong Kong	Smart Facility Management	Kadoorie Estates Limited	2023
Hong Kong	IOT Hub	Kai Tak Sports Park	2023
Hong Kong	Smart Metering	Poly U	2020
Hong Kong	Smart Toilet	Poly U	2022
Hong Kong	Smart Facility Management - Water leakage Detection	Queensway Government Office	2022
Hong Kong	AI Pipe Blockage Detection	Legislation Council	2024
Hong Kong	Smart Chiller Plant - Yau Ma Tei Public Cargo smart switchboard	EMSD	2022
Hong Kong	Smart Chiller Plant - Po Ning Road Clinic Smart Switchroom	EMSD	2022
Hong Kong	Smart Chiller Plant - Hong Kong Heritage Museum	EMSD	2023
Hong Kong	Smart Chiller Plant - Digitalisation of switchrooms at Lockhart Road MSB	EMSD	2023
Hong Kong	Smart Chiller Plant - Hong Kong Museum of Coastal Defense	EMSD	2023
Hong Kong	Smart Chiller Plant & AI Pipe Blockage Detection	Poly U	2023



AI Pipe Blockage Detection - Legislation Council & Poly U



Readily Deployed Solution

ChinoINT Pipe Blockage Detection system has been deployed in Hong Kong, including local university and commercial buildings





Smart Chiller Plant and Switch Room Monitoring - EMSD & Poly U



Project Background

To maintain the environment safety and real time monitoring

Project Description

LoRaWan air quality sensors including Chlorine sensors are deployed. LoRaWan sensors such as people counter, water leakage, piep monitoring are being installed.

ChinoINT successfully deployed a LoRaWan infrastructure and achieved the above goals.



Smart Facility Management - Kadoorie Management



Project Background

A Hong Kong Real Estates Company would like to deploy a IoT system to collect the building alarms from remote sites (services apartment)

Project Description

LoRa sensors/LoRa Nodes for dry contact are deployed at their main building and remote site buildings to collect the alarm for water leakage, temperature & RH, water level, CT, pipe pressure, etc and transfer the alarms to main office via Internet.

ChinoINT successfully deployed a LoRaWan infrastructure and achieved the above goals.



Queensway Government Office - Water Leakage Detection & GWIN Integration



Project Background

To deply water leakage sensors and data integration to GWIN



Automated Air/Con Automation @ M+

ChinoINT masters on wireless technology.
Temperature and humidity feeds to the IoT gateway.
Feedback to BMS and control HVAC locally



LoRa



Smart Metering @ Transfer Station

ChinoINT has show-cased our strengths in IOT technologies
We have enabled smart metering solution in Transfer Station in Hong Kong
Not only providing IOT metering with fully integrated dashboard with dashboard for real time and historical data, and also enabling real time analytic and alerts with extra values



LoRaWan Meter
Battery powered
(4.5 years battery life)



SSSS

Region	Name	End user	Year
Hong Kong	SSSS - Confined Space management	CLP - Black Point Power Plant	2020
Hong Kong	SSSS - Confined Space management	CLP - Castle Peak Power Plant	2019
Hong Kong	SSSS - Confined Space management	CLP - Black Point Power Plant	2021
Hong Kong	SSSS - Confined Space management	CLP - Castle Peak Power Plant	2021
Hong Kong	SSSS - Confined Space management	CLP - Black Point Power Plant	2022
Hong Kong	SSSS - Confined Space management	CLP - Castle Peak Power Plant	2022
Hong Kong	SSSS - Turbine Work Safety Video Analytic	CLP - Black Point Power Plant	2021
Hong Kong	SSSS - Personnel management for containers during COVID	CLP - Castle Peak Power Plant	2021
Hong Kong	SSSS - 5G enabled Smart Construction Site Monitoring	Nga Ying Decoration Ltd	2023
Hong Kong	SSSS - 5G enabled Smart Construction Site Monitoring	Por Mee Factory Building	2023
Hong Kong	SSSS - UWB-enabled Collision Avoidance System for Vehicle	SUEZ - IWTS	2021
Hong Kong	SSSS - Confined Space management	CLP - Black Point Power Plant	2022
Hong Kong	SSSS - Confined Space management	CLP - Castle Peak Power Plant	2022



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Video Analytic of SSSS - CLP


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SSSS - Confined Space Management @ Power Plant & University


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SSSS - Collision Avoiding System @ Transfer Station

ChinoINT also masters on latest technology such as UWB to design real time monitoring system to raise safety to the next level

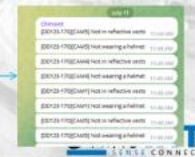

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SSSS - 5G AI Safety Monitoring

- Rich functionality
- Human face recognition
 - Human body recognition
 - license plate recognition
 - smoke and flame recognition
 - helmet recognition
 - phone calling recognition
 - cigarette smoking
 - gathering of people recognition
 - work clothes recognition
 - leaving work and sleeping recognition
 - zone intrusion warning
 - human fall recognition
 - running recognition
 - clothes color
 - Fire escape blockage identification
 - etc.



- Real time streaming
- APP Notification
- Evidence with photo


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 SENSE CONNECT

Smart Toilet & Air Quality Monitoring

Region	Name	End user	Year
Hong Kong	SSSS - Confined Space management	CLP - Black Point Power Plant	2021
Hong Kong	SSSS - Confined Space management	CLP - Castle Peak Power Plant	2021
Hong Kong	SSSS - Confined Space management	CLP - Black Point Power Plant	2022
Hong Kong	SSSS - Confined Space management	CLP - Castle Peak Power Plant	2022
Hong Kong	Smart Toilet - LoRaWan	Hong Kong International Airport	2022
Hong Kong	Smart Facility Management - LoRaWan @ M+	ASD	2021
Hong Kong	Smart Facility Management - LoRaWan	Kadoorie Estates Limited	2020
Hong Kong	Smart Toilet	Poly U	2022
Hong Kong	Smart Chiller Plant - Yau Ma Tei Public Cargo smart switchboard	EMSD	2022
Hong Kong	Smart Chiller Plant - Po Ning Road Clinic Smart Switchroom	EMSD	2022
Hong Kong	Smart Chiller Plant - Hong Kong Heritage Museum	EMSD	2023
Hong Kong	Smart Chiller Plant - Digitalisation of switchrooms at Lockhart Road MSB	EMSD	2023
Hong Kong	Smart Toilet	Advance Manufacturing Center - HKSTP	2023
Hong Kong	Smart Chiller Plant Monitoring	Poly U	2023
Hong Kong	Air Quality Monitoring	Legislation Council	2025



RTLS & Counting

Region	Name	End user	Year
Hong Kong	SSSS - Confined Space management	CLP - Black Point Power Plant	2020
Hong Kong	SSSS - Confined Space management	CLP - Castle Peak Power Plant	2019
Hong Kong	SSSS - Confined Space management	CLP - Black Point Power Plant	2021
Hong Kong	SSSS - Confined Space management	CLP - Castle Peak Power Plant	2021
Hong Kong	SSSS - Confined Space management	CLP - Black Point Power Plant	2022
Hong Kong	SSSS - Confined Space management	CLP - Castle Peak Power Plant	2022
Hong Kong	SSSS - Turbine Work Safety Video Analytic	CLP - Black Point Power Plant	2021
Hong Kong	SSSS - Personnel management for containers during COVID	CLP - Castle Peak Power Plant	2021
Hong Kong	SSSS - 5G enabled Smart Construction Site Monitoring	Nga Ying Decoration Ltd	2023
Hong Kong	SSSS - 5G enabled Smart Construction Site Monitoring	Por Mee Factory Building	2023
Hong Kong	SSSS - UWB- enabled Collision Avoidance System for Vehicle	SUEZ - IWTS	2021
Hong Kong	Smart Facility Management - LoRaWan	Kadoorie Estates Limited	2020
Macau	Smart Elderly Center - Zigbee	Vila Medalena Macau	2019
Hong Kong	Smart Toilet	Poly U	2022
Hong Kong	Smart Visitor Management - People Counting	Hong Kong U	2020
Hong Kong	Smart Toilet	Advance Manufacturing Center - HKSTP	2022
Hong Kong	Smart Warehouse Monitoring and Staff Tracking	DSV	2024

Reference

ChinoINT RFID Family has been deployed successfully. Our RFID devices have been integrated into the Smart Worksite solution invented by ChinoINT at a power plant in Hong Kong, to raise the worksite safety to the next level.



Smart Elderly center and Hospital

Region	Name	End user	Year
Macau	Smart Elderly Center	Vila Madalena	2020
Paris - France	Certified medical system for 150 room	the hospital of Versailles	2022
normandie - France	Certified medical system for 100 room	the hospital of Conde on Noiraut	2021
France	Certified medical system for 500 room	The G2L nursing home group	2021
Bordeaux city - France	Certified medical system for 300 room	Hospital for the elderly	2020
France	Certified medical system for 280 room	COS religious groups	2020



LoRaWan

Region	Name	End user	Year
Hong Kong	Smart Metering - LoRaWan	SUEZ - IWTS	2021
Hong Kong	Smart Toilet - LoRaWan	Hong Kong International Airport	2022
Hong Kong	Smart Toilet - LoRaWan	Poly University	2021
Hong Kong	Smart Facility Management - LoRaWan @ M+	ASD	2021
Hong Kong	Smart Facility Management - LoRaWan	Kadoorie Estates Limited	2020
Hong Kong	Smart Metering	Poly U	2020
Hong Kong	Smart Facility Management - Water leakage Detection	Queensway Government Office	2022
Hong Kong	Smart Visitor Management - People Counting	Hong Kong U	2020
Hong Kong	Smart Facility Management Notification Platform	Queensway Government Office	2023
Hong Kong	Smart Chiller Plant Monitoring	EMSD	2022
Hong Kong	Smart Chiller Plant Monitoring	EMSD	2023
Hong Kong	Smart Chiller Plant Monitoring	Poly U	2023

Data Lake & IOT HUB

Region	Name	End user	Year
Hong Kong	IOT Hub & Data Lake	Kai Tak Sports Park	2024

