alice **Platform: Connects people and cities**

SmartcityKorea

2022 SmartcityKorea, Inc.
COMPANY INTRODUCTION

PROLOGUE

Founded in 2015 to develop smart city platforms and solutions.
We are a specialized company for Smart city project.
Starting with the release of SecuX (VMS, NVR), we continue to introduce
solutions such as Alice brand's Smart IOC Platform and SecuCat (APP).

We have secured expertise in various fields ranging from smart city consulting,
analysis and design, implementation and operation.

SmartcityKorea Inc. Company Mission

We create solutions that benefit the world

SmartcityKorea Inc. Company Core Values

Together

Innovation

Passion

Sharing

alice **Make a better city**

01 Company Introduction

- **Company Profile**
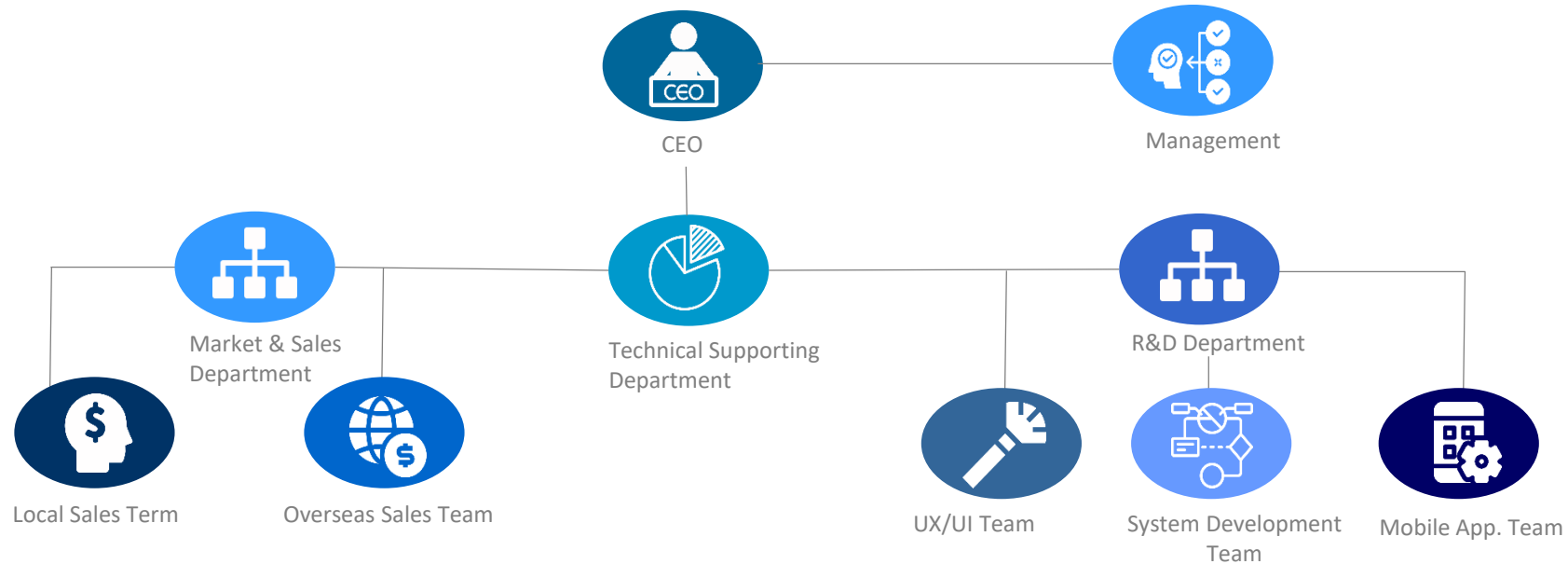- **Business Areas**
- **Certification and partners**
- **Overseas Business Areas**

Company Profile

OVER VIEW | Secured technology and solutions in the smart city platform field since its establishment on October 15, 2015

- CEO   James Joo (朱 南 珍)
- CTO   DY Kim
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- Webpage : www.smartcitykorea.com

Organization | Secure professional technology in each field by organizing optimized smart city business

CEO

Management

Market & Sales Department

Technical Supporting Department

R&D Department

Local Sales Term

Overseas Sales Team

UX/UI Team

System Development Team

Mobile App. Team

Business Area

Service Area | Experts with years of experience and technology in smart platform development. We provide an environment for improvement and development that fits the customer's information environment.

Technologies & Experiences

Smart City	Consulting Service	Business Solution	Surveillance	WEB & Agency	Government R&D development
• Smart City Project Implement • Overseas Smart city project • Smart Challenge business • Smart Solution business • Smart new deal, green city • Smart ITS, Building, Town	• Smart city ISP & Consulting • Smart ICT consulting • Smart city Platform consulting	• Smart Service solution • Customization solution • Smart city platform maintenance	• VMS & NVR • FR solution supporting • LPR Solution supporting • VA Solution supporting • AI Camera supporting	• Platform implementation • Mobile App. implementation • UI/UX design • Design / Publishing	• Government R&D project • Industrial & Academic research related tasks

Certification & Relationship

Award | We guarantee smart city platform technology through national agency certification and patent application.

| Smart city Platform certification | Company affiliated research institute certification | Venture Company certification | Patents | Direct production Confirmation certification | Trademark Registration | Good Software 1st Grade certification for Platform and VMS | Minister of Science and Technology Information and Communication Award |

Relationship | Strengthening business relationships with business partners in various fields such as domestic and overseas solution and hardware companies, public institutions, and global companies

Overseas Business Areas 1

Through years of overseas business activities Proceeding with global business

Business content

- Platform export
- VMS Interworking (East south Asia, Middle East, PHP, USA, etc.)

Main product

- Platform: Alice Smart City Integration Platform
- VMS: SecuX
- NVR Software
- Development of various convergence software

Progress

- Malaysia Celcom Axiata partner
- Signing VNPT MOU in Vietnam
- Kuwait Al Abdul Project in progress.
- Mongolia Railway total security system
- New Taipei Smart City Consortium MOU
- Philippines MMDA & Smart city project, Intelligent VMS
- Cambodia Smart city project
- Partner Agreement with Shanghai Sanlen, China
- South Africa Smart city Project in process

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Overseas Business Areas 2

Overseas business activities – Global Expo & Convention & MOU

alice   **Make a better city**

02 SCK products Introduction

- Alice Smart City IOC Platform
- Alice Mobile Service Platform
- SecuX VMS (Video Management Software) & NVR
- SecuX VMS-M Mobile App.
- SecuCat Emergency Signal App.

Alice Smart City Platform

introduction | It is an integrated platform that can be used in various fields including smart cities.

Smart City Platform

1등급 GOOD Software

TTA Certified
스마트시티 통합플랫폼
(TTA-C-18-022)

Alice pursues Any Openness and Any Interoperability,

SCK aims for the open value of Any Customizability.

Alice is an integrated platform for comprehensive management used in the integrated smart city operation center. It is a base solution that instantly responds and manages disasters and emergencies in cities through integrating with unlimited number of city management solutions and compatibility with government sites. In addition, it is a solution that efficiently provides collected data to citizens and visitors as a mobile service and communicates with citizens.

Finally, the ultimate goal of this platform is to provide a better city, that is, an urban environment where citizens can enjoy a more convenient life by managing stored big data or enjoying predictive & preventive effects through analysis.

Display / Control

Data Base / Management

Integrated / Interfaced

Total Integrated Monitoring Viewer

Login	**Main Viewer**
Mobile Viewer	**Main Viewer**

Alice Mobile Service Platform

introduction | **Alice Smart City Platform Mobile App.**

Received all events through Alarm push service
→ **Live video monitoring with connected CCTV Camera**
→ **Integrated 3rd services data supporting**
→ **Single App. supports integrated multi-App supporting**

alice M
Smart City Mobile Platform
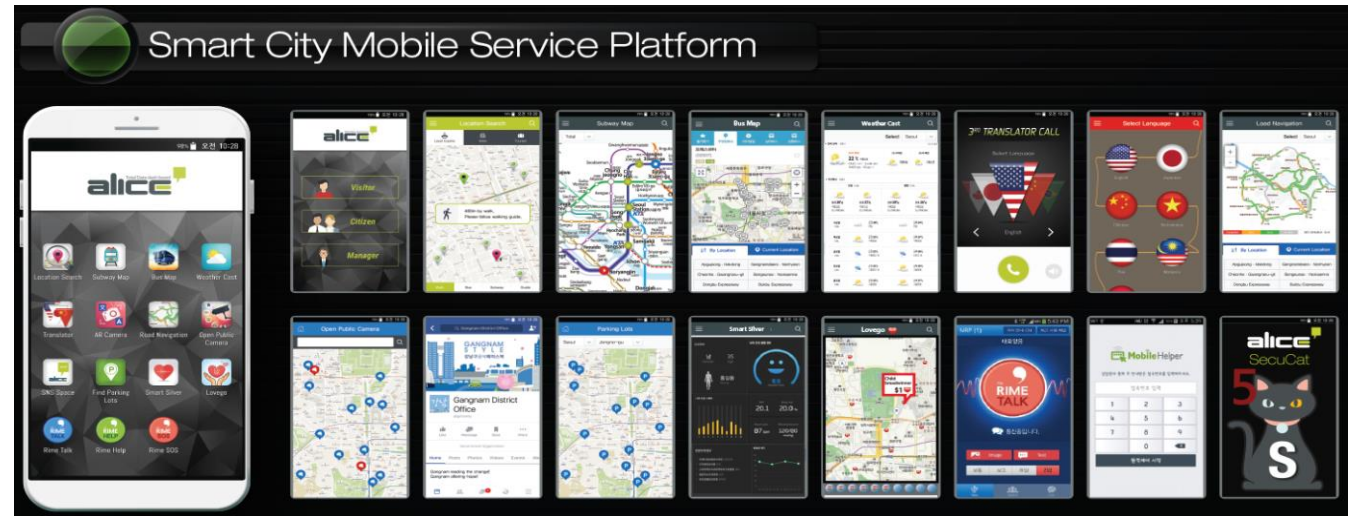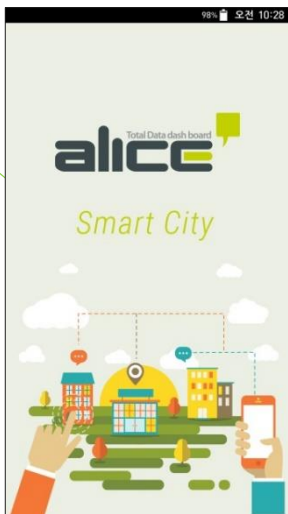
SecuX VMS (Video Management Software)

introduction | **SecuX VMS & NVR** Solution

1등급

GOOD Software

SECURITY EXPERIENCE
secuX

Next Generation **VMS**

Next Generation VMS SecuX Based on Web Broker

Responsible for security with flexible openness and strong 3rd integrated

CCTV Camera
Multi-Vander camera / Infinitive camera connection

Fail-Over Service Support
Master fail-over / Archiving Server fail-over service supporting

Multi OS Support
Linux Server & Client / Window Server & Client / Linux & Window Mixing

Web Management Viewer
Server setup & Status on the Web / Archiving status Monitoring on the Web

SecuX UI images

Live viewer

Search Viewer

System Setup

Web Viewer
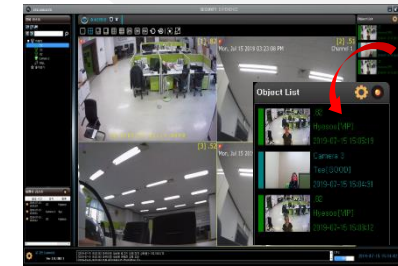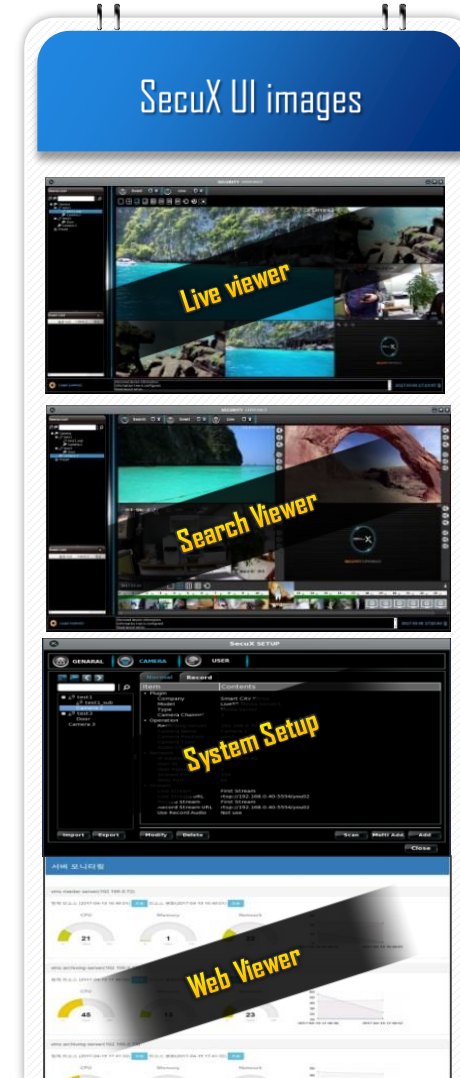
FR viewer

LPR viewer
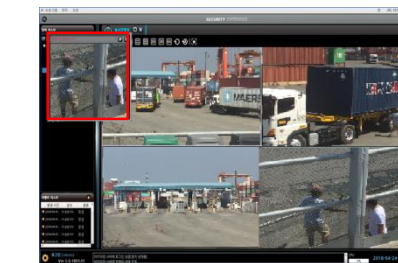
VA viewer

SecuX VMS Mobile Application

introduction | **SecuX VMS Mobile App.**

Next Generation VMS Mobile Viewer

SecuX-m is an mobile phone application used to CCTV camera live monitor and search the saved video from SecuX VMS and SecuX NVR. When various events occur, event alarms are received, the video can be immediately monitored and searched through a mobile phone, and PTZ cameras can be controlled.

Main UI

Management Viewer

• 1~4ch Live display

• 1ch Live PTZ control

• 1ch viewer

• Camera list

Smart Service Mobile Application

introduction | **Smart Service Mobile Application**

Emergency Signal **Mobile** App.

SecuCat is a smart phone application. When a registered user sends an emergency signal, the integrated control center receives the location information of the mobile phone, checks the surrounding CCTV, and dispatches the police to help.

It can be operated in connection with the CCTV integrated operation center, and it can also be automatically contacted to registered police stations and guardians.

Main UI
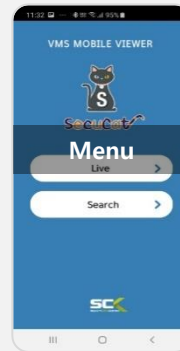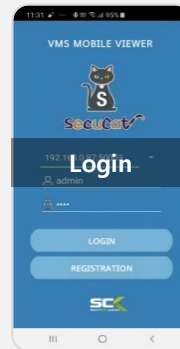
Management Viewer

• Emergency Signal use

• Movement Routine

• Center Operation S/W

Make a better city
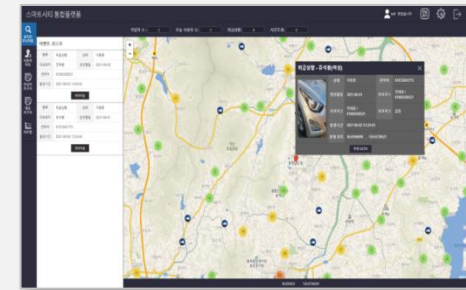
03 Platform Reference site

- IOC Platform Major Reference site
- VMS/NVR Major Reference site
- Overseas Smart City project

Integrated Platform in Nakdong River

Nakdong River Project | **Project for the establishment of a platform for flood control station in Nakdong River**

Business content
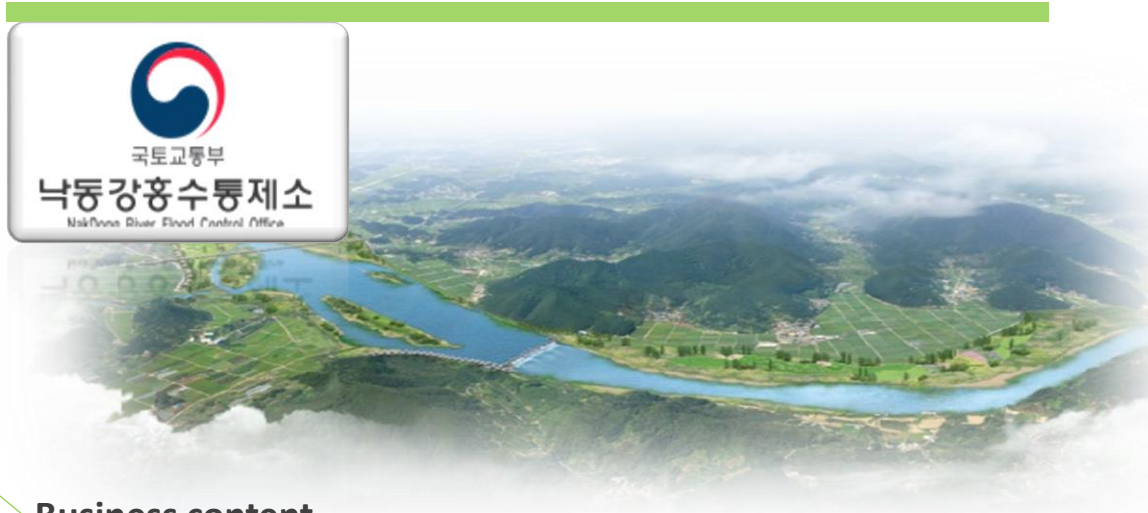
- Platform establishment 2018Y
- System integration (flood control station)
- Water level and rainfall data interworking and CCTV images displayed
- Support various reports and associated DB output and management

Key Products and Solutions

- Integrated platform
- Water level measurement sensor
- Rainfall measurement sensor
- CCTV (water level observation)
- GIS Server Interworking
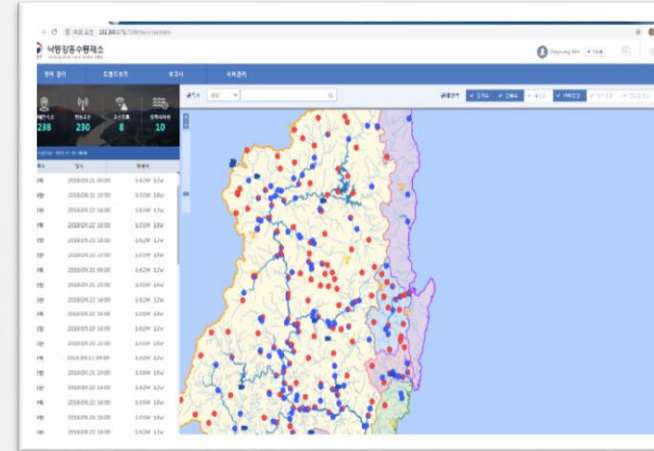
A Plan to Develop Smart City Center in Jeju Island

Smart City in Jeju Island | **Jeju Island Smart city Platform implement project**
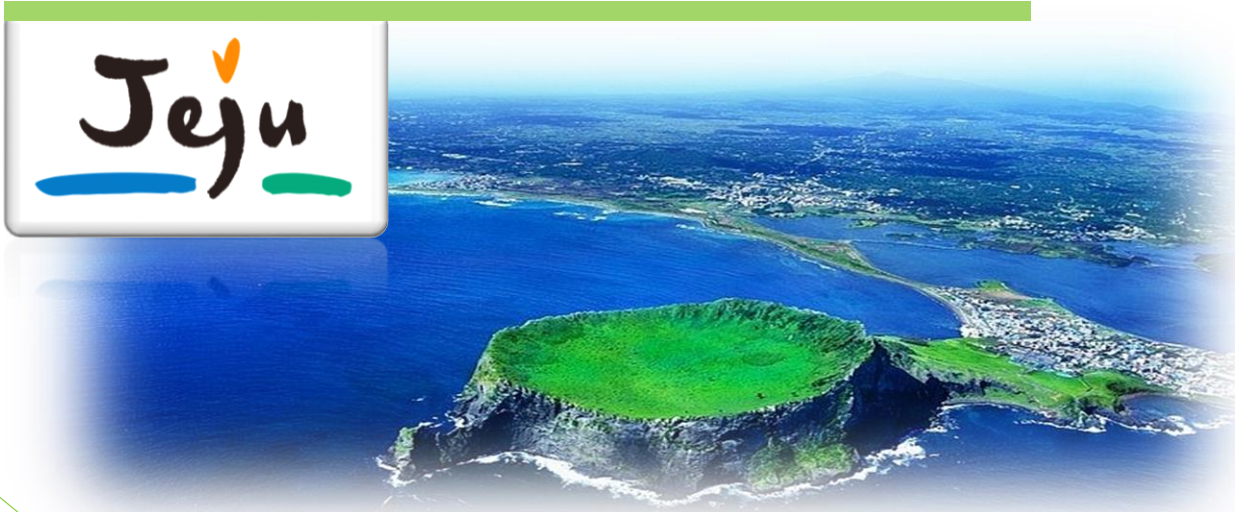
Business content

- Project to install Smart City Platform in Jeju Island
- Jeju Island, Jeju City and Seogwipo City Control System Integration
- Top 5 Link Service

Key Products and Solutions

- Integrated platform
- Integrated Platform Specification H/W , S/W
- CCTV VMS Interworking (more than 6,000 VMS cameras from 3 other models)
- Smart City City Urban Association Top 5 Link Service Package
- Jeju Tourist Emergency Rescue Notification Service
- New GIS
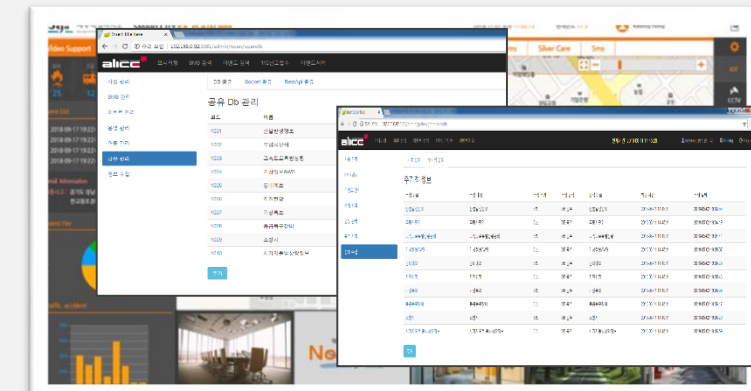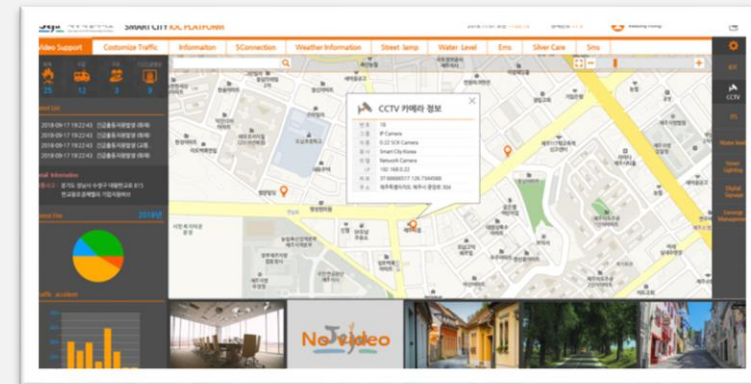
Integrated Platform in KT Underground Utility Tunnel

Smart Platform in KT | **Underground utility tunnel Monitoring Platform implement project**

Business content

- Project to install Smart Platform in KT underground utility tunnels
- KT communication cable, Military communication cable utility monitoring System
- Event alarm Service

Key Products and Solutions

- Integrated platform
- Integrated Platform Specification H/W , S/W
- CCTV VMS integrated
- IOT sensors integrated with thermal cameras
- Event Notification Service
- New 3D map viewer applied
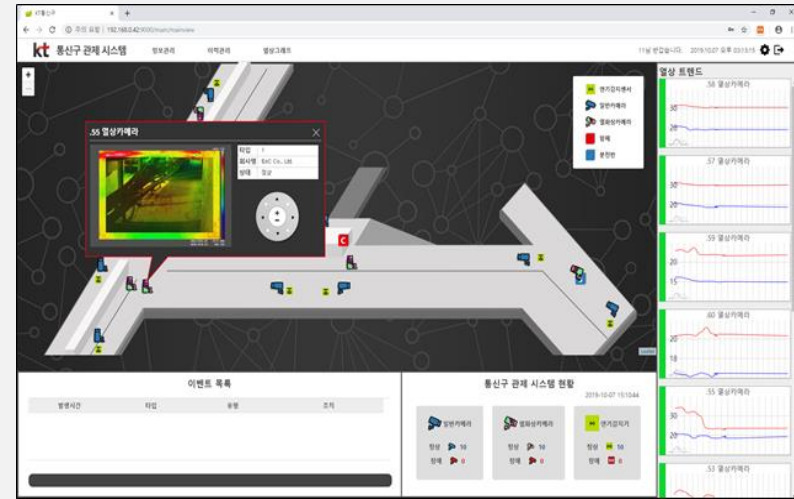
Integrated Platform in Boryeong city Early Warning System

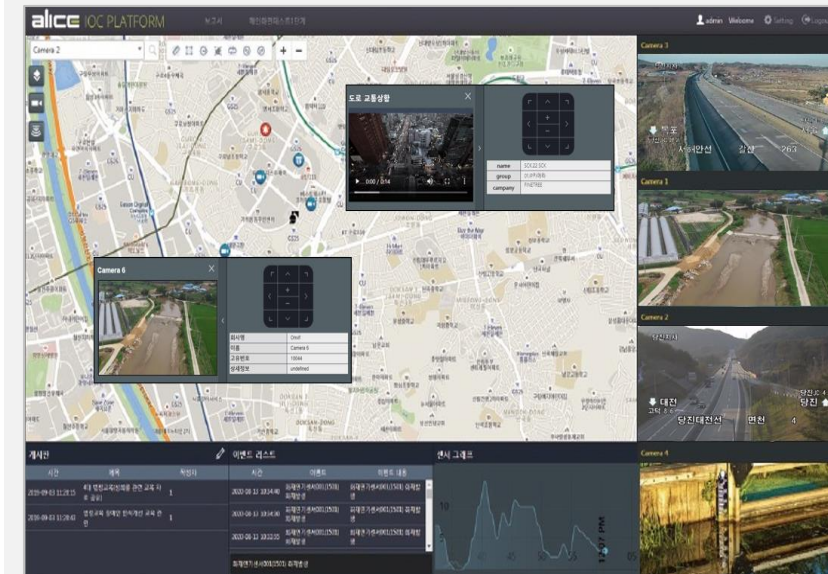**Smart Platform in Boryeong City** | **Early Warning & Monitoring Platform implement project**
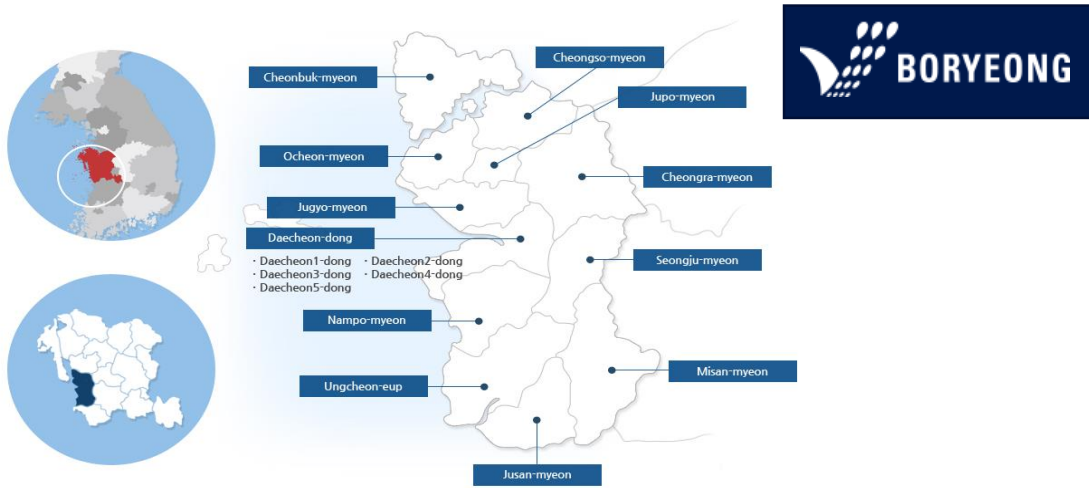
Business content

- Project to install Smart Platform in Biryeong City Monitoring Center
- GIS based water level, rainfall data integrated with platform
- Event alarm Service

Key Products and Solutions

- Integrated platform
- Integrated Platform Specification H/W , S/W
- CCTV VMS integrated
- Water Leve, Rainfall sensors integrated
- Local Broadcasting system, Media wall integrated
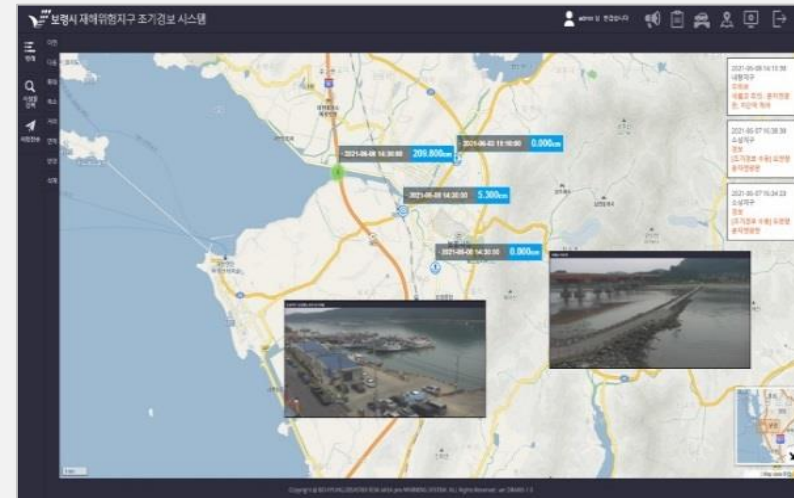
Integrated Platform in Chungcheongnam-Do

Smart Platform in Chungcheongnam-Do | **Smart city Platform implement project**

Business content

- Project to install Smart Platform in Biryeong City Monitoring Center
- GIS based water level, rainfall data integrated with platform
- Event alarm Service

Key Products and Solutions

- Integrated platform
- Integrated Platform Specification H/W , S/W
- CCTV VMS Interworking (more than 25,000 VMS cameras from 5 other models)
- Smart City City Urban Association Top 5 Link Service Package
- S-Services integrated, Mobile App. integrated
- New GIS

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Integrated Platform in KimJe city Special Vehicle Monitoring

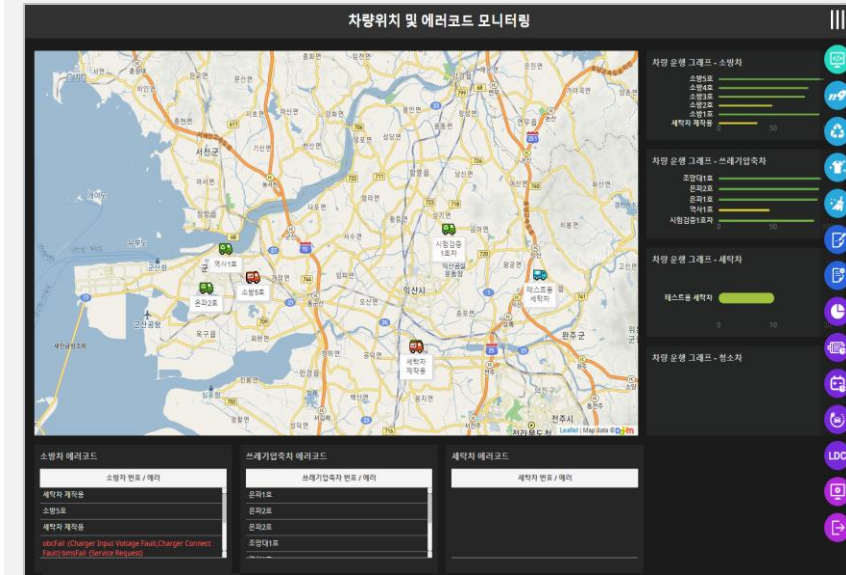## Smart Platform in Kimje city

Smart city Platform implement project

GIMJE-SI

Central Saemangeum project infrastructure region

High tech industry belt
(industrial complex and free trade area)

The cradle of farming culture
(Byeokgolje Reservoir Site and National Youth Center)

Make Moaksan Mountain famous
(national recreational forests and Geumsansa Temple)

Honam Expressway

Seohaean Expressway

Gimje

— Expressway
- - - KTX high - speed railway

차량위치 및 에러코드 모니터링
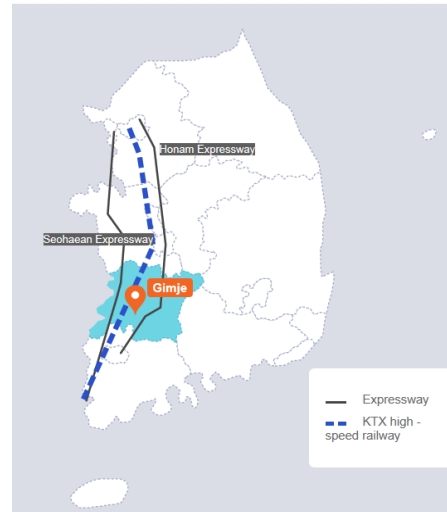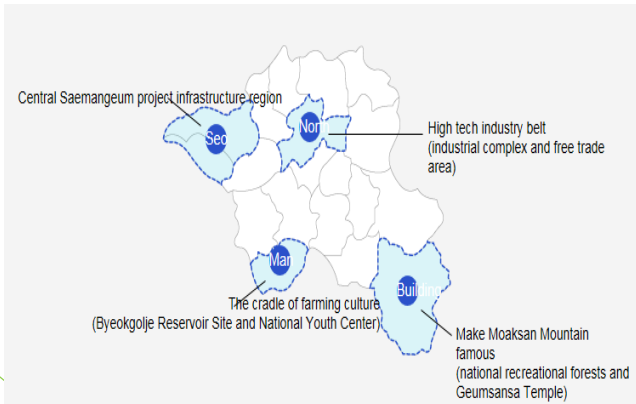
Business content

- Project to install Smart Platform in Kimje City Monitoring Center
- GIS based special vehicle location in other data integrated with platform
- Event alarm Service

Key Products and Solutions

- Integrated platform
- Integrated Platform Specification H/W , S/W
- Vehicle status Interworking
- Reports and DB management
- New GIS

Integrated Platform in Geoje city Senior Health care Monitoring

Smart Platform in Geoje city | **Smart city Platform implement project**
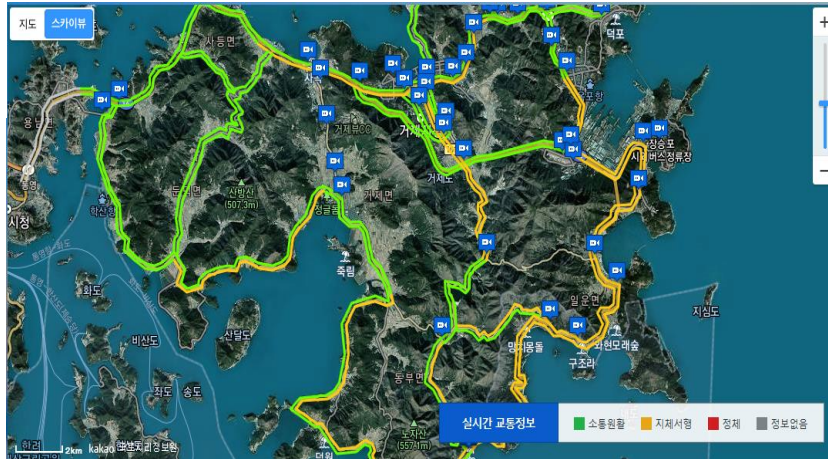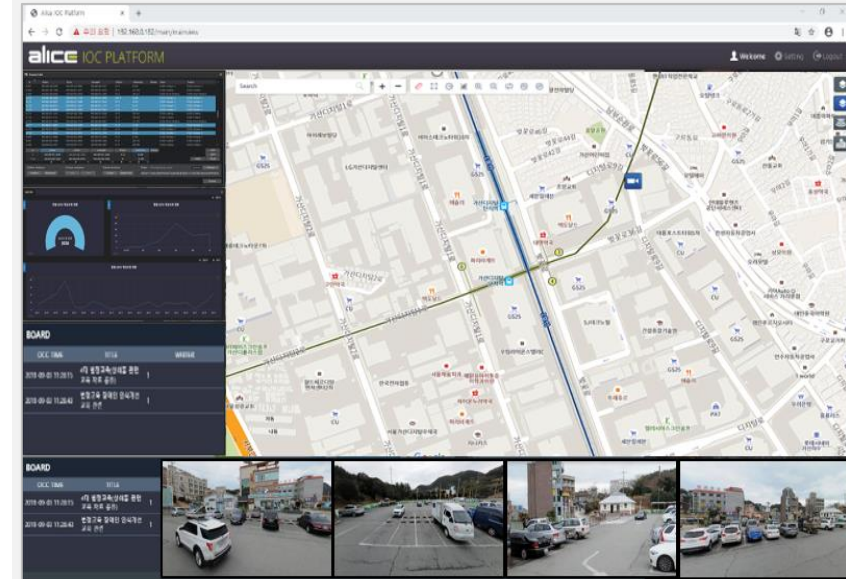

Business content

- Project to install Smart Platform in Geoje City Monitoring Center
- GIS based senior health care devices (Blood pressure, Heart bite, etc.) location in other data integrated with platform
- Event alarm Service

Key Products and Solutions

- Integrated platform
- Integrated Platform Specification H/W , S/W
- Location info, ID info, Blood pressure & Heart bite Data status Interworking
- Vehicle parting management with Video Analysis
- Reports and DB management
- New GIS

Integrated Platform in Dobong-gu Ward Office

Smart Platform in Dobong-Gu Office | **Bigdata Platform implement project**
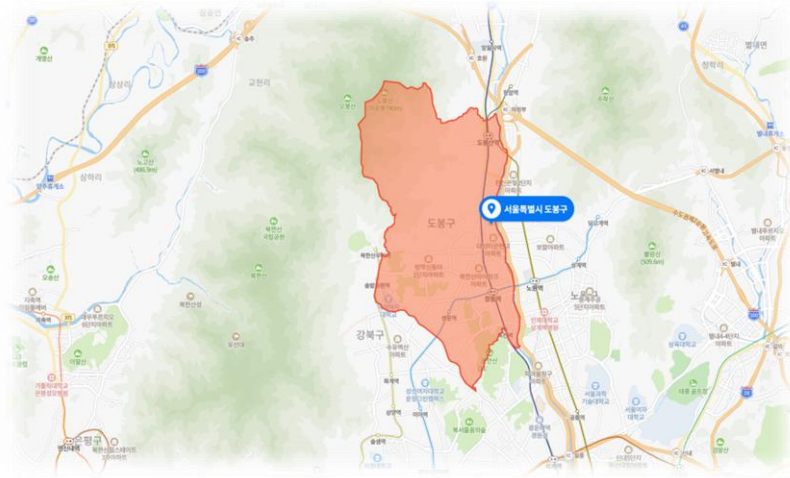
Business content

- Project to install Smart Bigdata Platform in Dobong-gu office Monitoring Center
- Bigdata collection and monitoring with platform
- Graph display & state and event display. Various reports and related DB output and management support
- Support for providing and expressing big data information to the digital ward mayor's office

Key Products and Solutions

- Integrated platform
- Integrated Platform Specification H/W , S/W
- Smart crosswalk/ Illegal parking for disabled people/ Illegal parking in electric charging areas/ Indoor air quality/ River usage/ Smart trash can/ Gas sensor in confined areas
- New GIS

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Integrated Platform in Nakdong River Monitoring Center

Nakdong River Project 2022Y | **Project for upgrade of a platform for flood control station in Nakdong River**

Business content

- Platform establishment 2022Y
- System integration (flood control station)
- Water level and rainfall data interworking and CCTV images displayed
- Support various reports and associated DB output and management
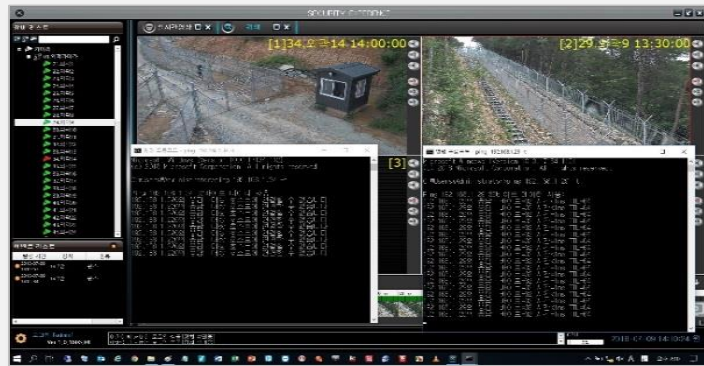
Key Products and Solutions

- Integrated platform (CS based integrated platform)
- Total DB integrated
- River video surveillance / electronic sign board / image / video water level / indoor / smart CCTV
- PTZ Control / Smart CCTV On/Off Control
- GIS Server Interworking

14
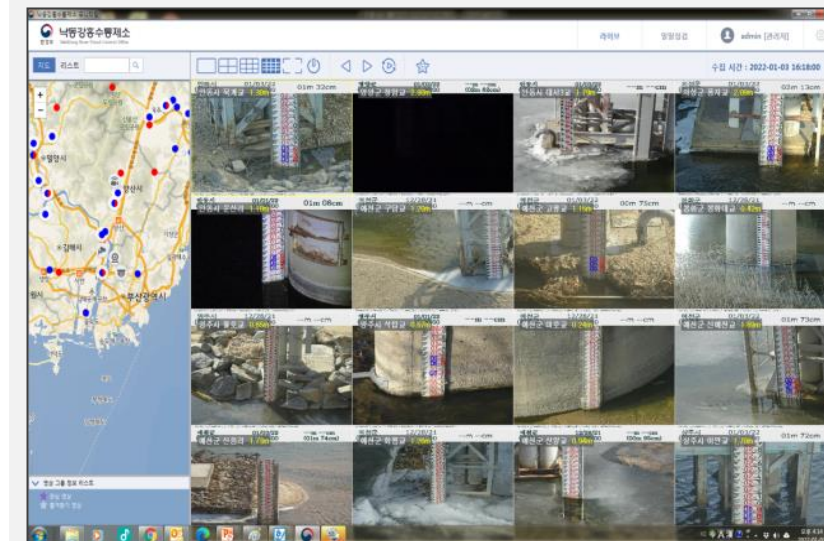
SecuX VMS & NVR Major Reference Site

XX Special Air force Camp fence and CCTV
Total Monitoring System

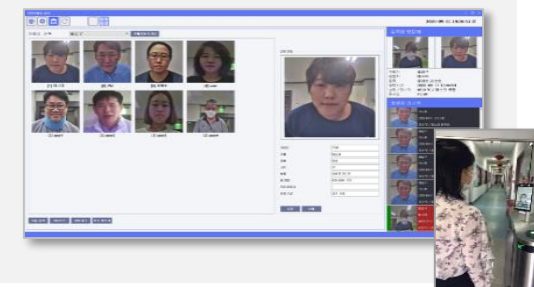
Sk-hynix factory CCTV Total Monitoring Center

Incheon port Passenger terminal CCTV
center

Elementary, Middle, High Schools CCTV
NVR installation
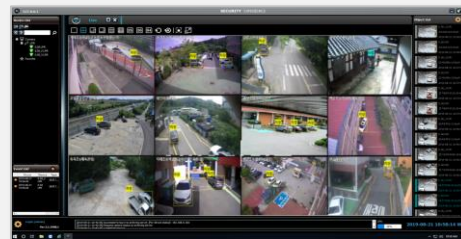
Kindergarten
Thermal Camera Access control
Management Solution


14

A Plan to Develop Smart City Center in Kuwait

Smart City in Kuwait | **South Saad AL Abdullah Smart city project in Kuwait IOC platform Design**

- IOC location evaluation
- Integrated system and components design
- Integrated platform implementation plan and required function definition
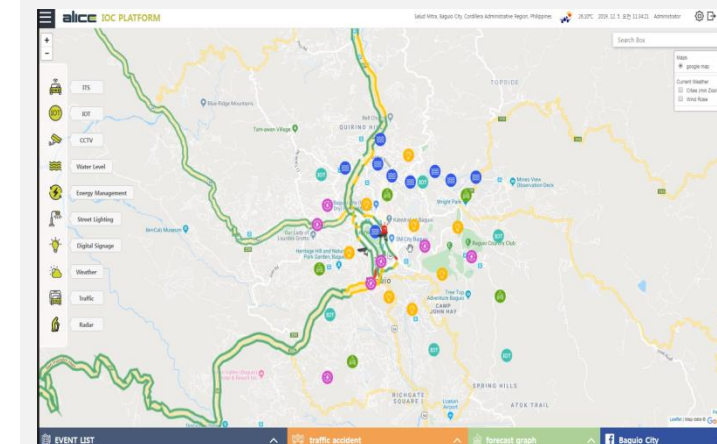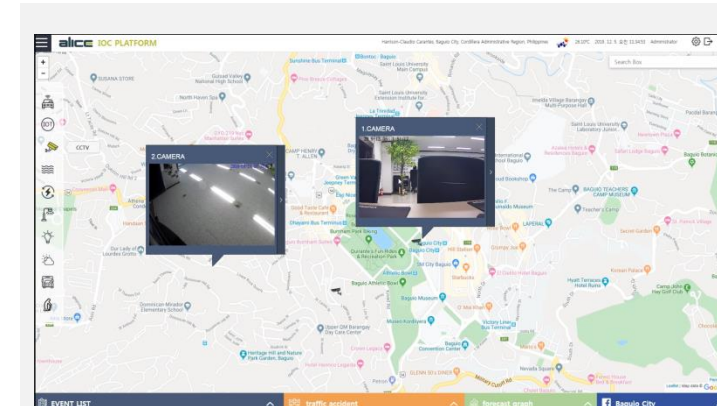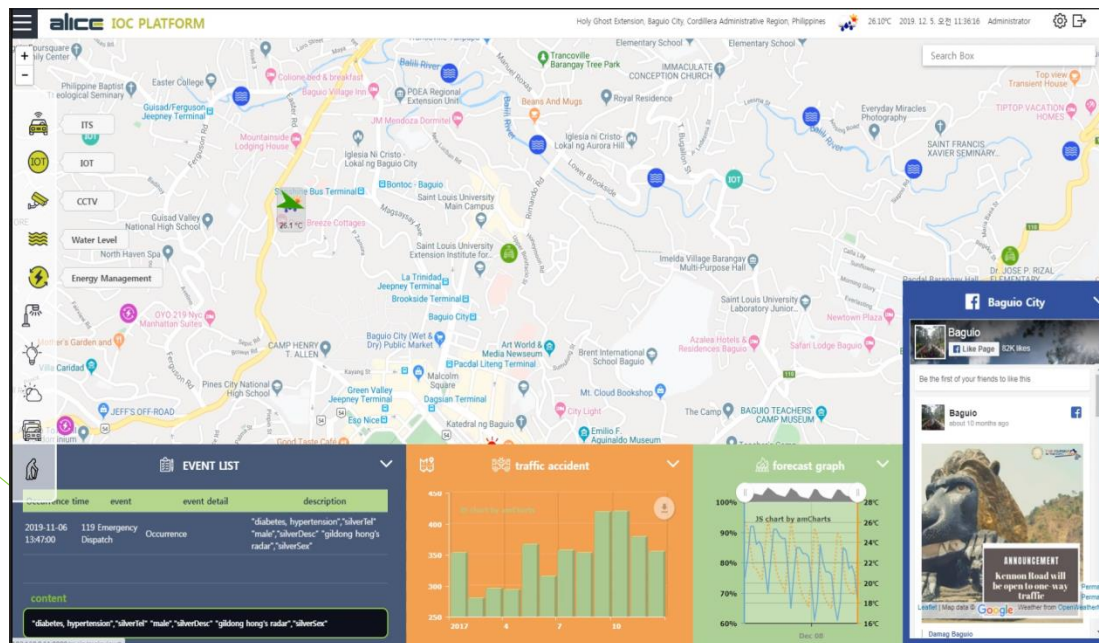
Key Products and Solutions

- SCK Alice integrated platform is recommended
- Platform system configuration and specs requirement H/W , S/W
- Platform and GIS linking plan
- Common DB configuration and design
- System Security design
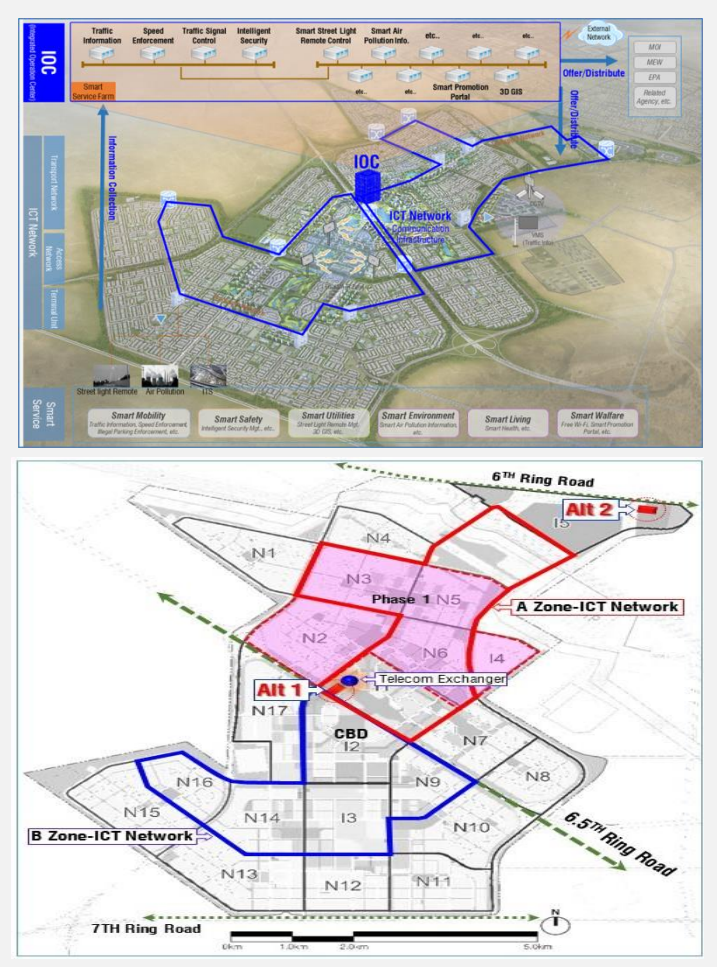
A Plan to Develop Smart City Center in PHP

Smart City in Philippines | **Baguio City in PHP smart city Platform designed and proposal**

Key Products and Solutions

- SCK Alice integrated platform is recommended
- Platform system configuration and specs requirement H/W , S/W
- Platform and GIS linking plan
- Fire sensor & Air pollution management sensor linkage
- LPR camera and Security VMS integrated design

Make a better city

04 On going developing solutions
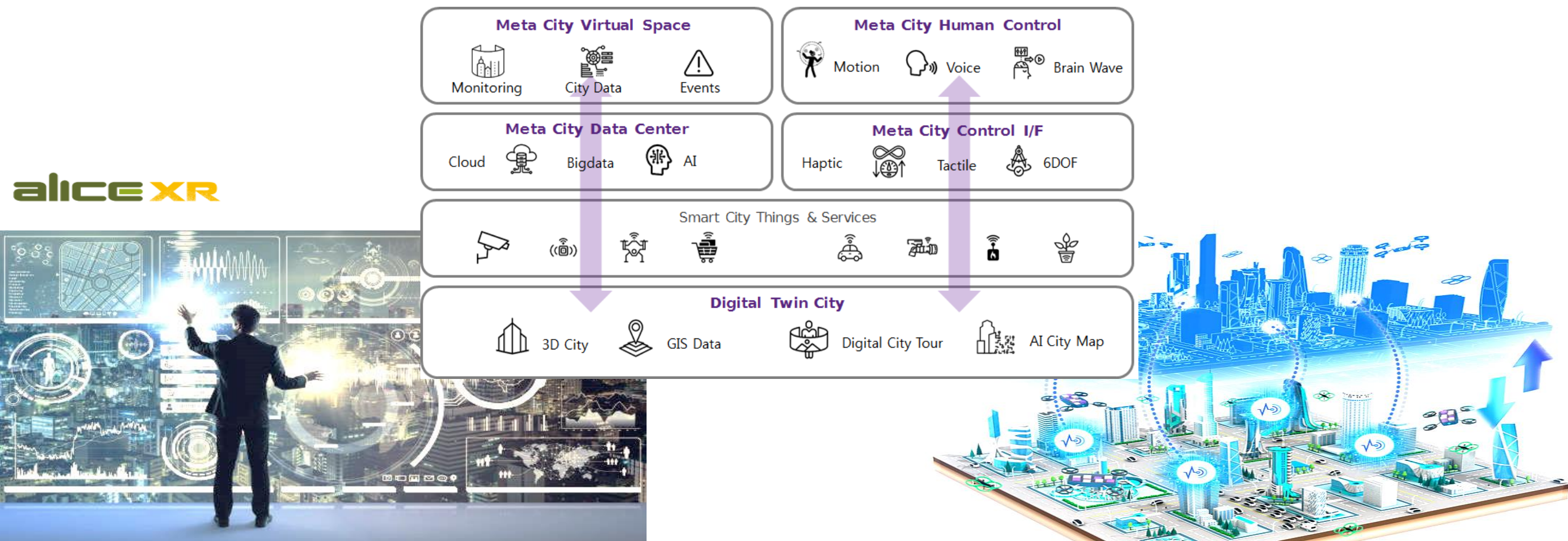
- Metaverse based monitoring platform

1 AliceXR Meta City Platform

Metaverse based supports / Unity or VRChat

alice XR (eXtended Reality)

Key | **Data sharing and interface supports to Unity based environment**

→ **Alice platform support to Unity based Metaverse Alice XR, after integrated Smart city services or solutions.**

alice XR

Meta City Virtual Space
- Monitoring
- City Data
- Events

Meta City Human Control
- Motion
- Voice
- Brain Wave

Meta City Data Center
- Cloud
- Bigdata
- AI

Meta City Control I/F
- Haptic
- Tactile
- 6DOF

Smart City Things & Services

Digital Twin City
- 3D City
- GIS Data
- Digital City Tour
- AI City Map

2 Alice XR – Metaverse based Monitoring Platform

- Combining existing smart city data on a digital twin city, implementing efficient city management meta-city technology through virtual space recognition.
- Building a future city management center platform that converges cutting-edge IT technology to quickly solve urban problems and improve management efficiency.

THANK YOU.

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SCK
SMARTCITYKOREA