COMPANY INTRODUCTION

The Best Partner of Aviation Systems

Version. 2021_2

INDEX

COMPANY Overview – About Us – Vision – Organization

BUSINESS Business Scope – Competitiveness – Motion – Project Experience

SYSTEM Airports – Airlines – Etc.

DEVICE BT/BP Printer – MRP – BGR

CERTIFICATES

LICENSES

HISTORY

COMPANY NAME	Urielsoft Co., Ltd.
PRESIDENT	SungJae Shin
BUSINESS ITEM	Aviation System Solution Development and Supply
COMMENCEMENT	29th April 2006
ADDRESS	B-1105, 401 Yangcheon-ro, Gangseo-gu, Seoul 07528 KOREA
HOMEPAGE	www.urielsoft.co.kr

Urielsoft

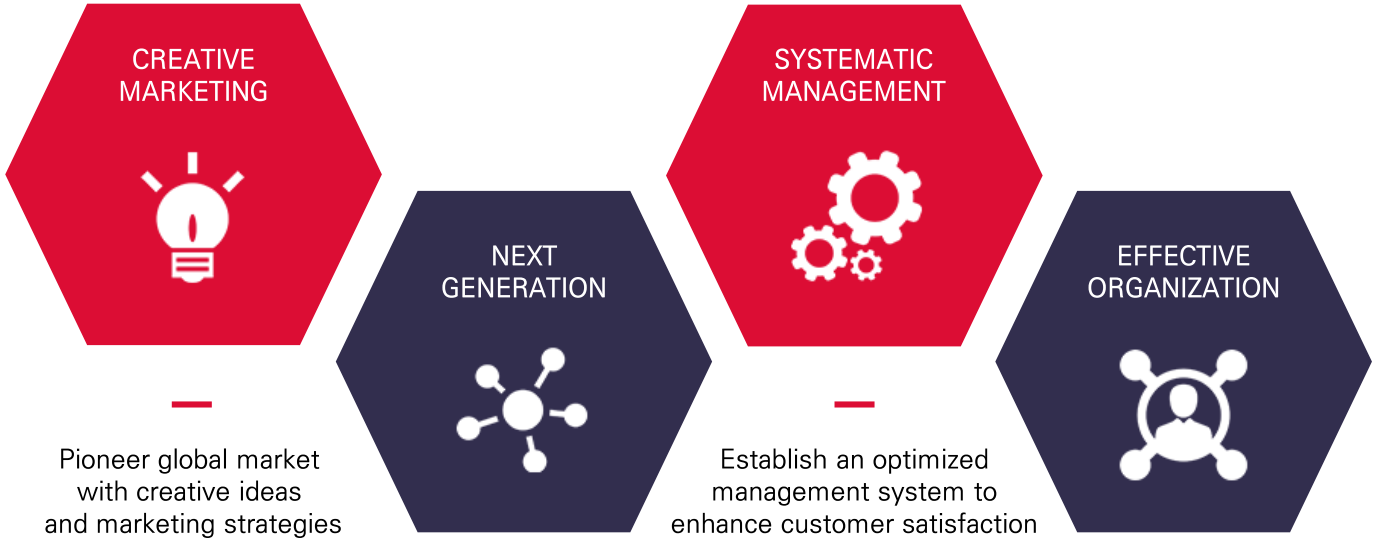
With the aim of providing the best aviation service solution, we are continuously designing and developing the most optimized solution and device needed to perform tasks in the fields of air transportation and operation.

Urielsoft has accumulated its ample experiences for many years by consistently participating in diverse projects related to airports and airlines with our own technology, system establishment, and operational know-how. By actively utilizing these experiences, Urielsoft is constantly having successful outcomes to this day.

Urielsoft is leading the next generation technology in aviation software and hardware by putting endless efforts towards new research and development and we are now focusing on expanding into overseas markets.

By introducing a new concept of Smart Airport Service, it will be the start of innovation that will surprise the world by concentrating all our achievements and knowledge we have acquired.

“ The Best Partner of Aviation Systems ”

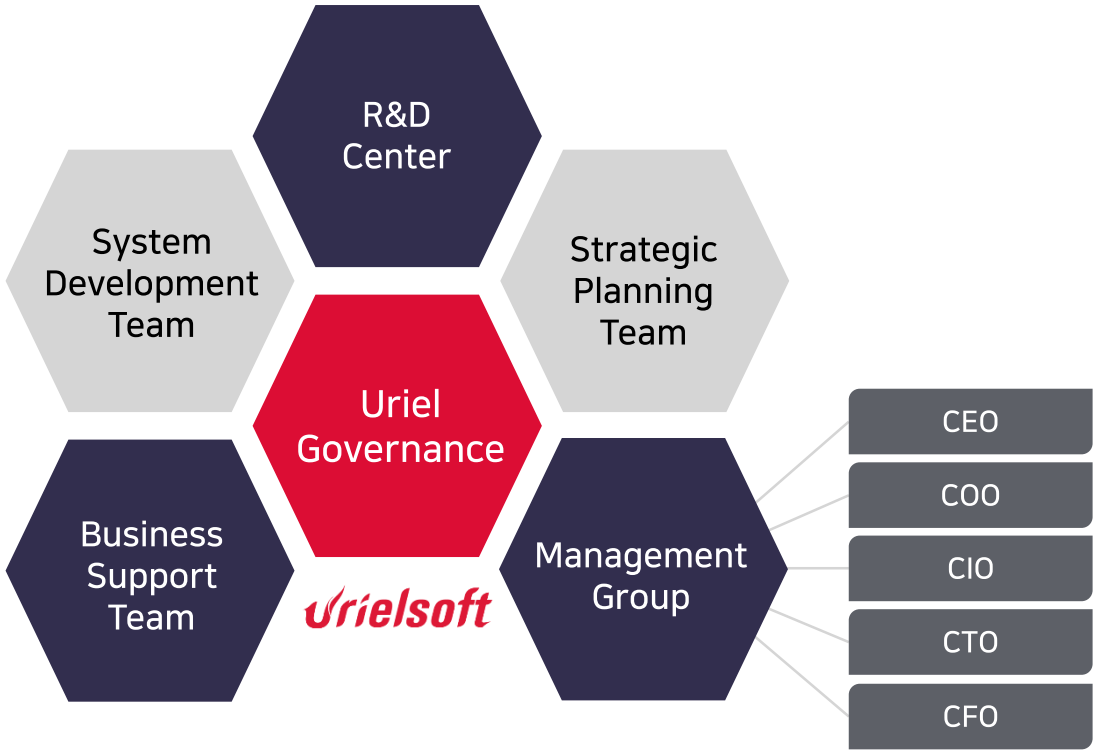


Pioneer global market with creative ideas and marketing strategies

Establish an optimized management system to enhance customer satisfaction

Focus on core competencies for the next generation industry by technology convergence

Aim for a free and effective organization that brings out each member’s potentials


R&D Center
System Development Team
Strategic Planning Team
Uriel Governance
Business Support Team
Management Group
CEO
COO
CIO
CTO
CFO

System Development

- Check-in to Boarding System
- Baggage Reconciliation System
- Automated Border Control System
- Web·Mobile Check-in System
- Self Check-in Application

Training Program

- DCS Training Program
- DCS Private Certification Issuance
- X-ray Security Training Program

Airport Infra Design

- Airport Infrastructure Design
- Airport Device Maintenance
- Check-in System SW·HW
- Border Control SW·HW
- Boarding SW·HW Design & Supply
- System-Device Interface Solution

Overseas Business

- Airport System Design & Consultation
- New Airport System Design & Provision
- Partial System Solution Development

Experience of aviation system development, operation and maintenance

Specialized in interfacing with airline system and other institute's system

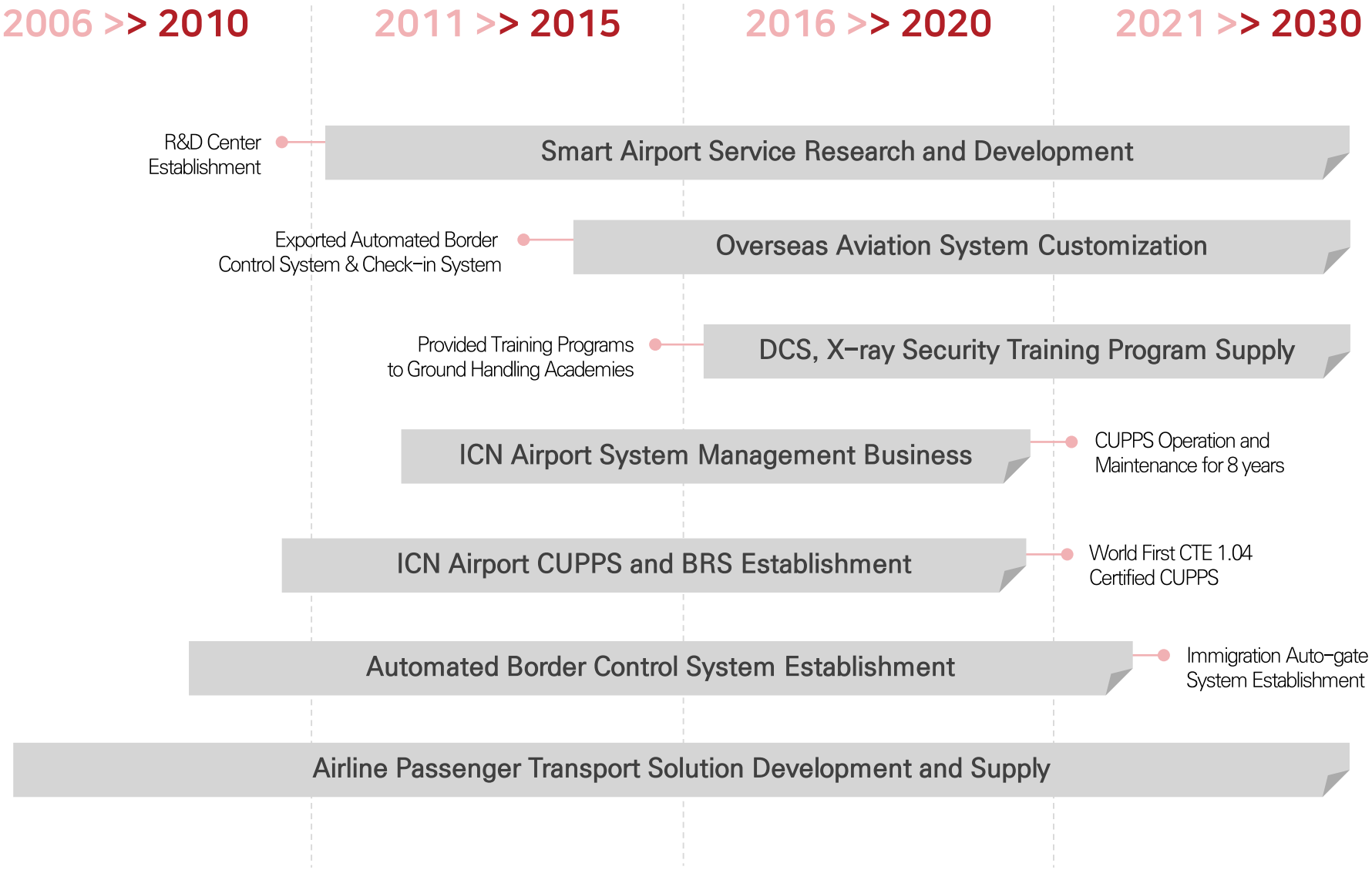
Have our own original technology which allows system customization

Urielsoft

The Best Partner of Aviation Systems

Urielsoft is the right company to successfully carry out aviation system business with its specialized experience

- System Development
- Latest IT Technology
- Efficient Performance
- International Standards
- Business Management
- System Stability


2006 >> 2010
2011 >> 2015
2016 >> 2020
2021 >> 2030
R&D Center Establishment
Smart Airport Service Research and Development
Exported Automated Border Control System & Check-in System
Overseas Aviation System Customization
Provided Training Programs to Ground Handling Academies
DCS, X-ray Security Training Program Supply
ICN Airport System Management Business
CUPPS Operation and Maintenance for 8 years
ICN Airport CUPPS and BRS Establishment
World First CTE 1.04 Certified CUPPS
Automated Border Control System Establishment
Immigration Auto-gate System Establishment
Airline Passenger Transport Solution Development and Supply

Airline System

International, Domestic CUSS Application
CRS (Computer Reservation System)
Domestic Kiosk Biometrics Project
Web and Mobile Check-in System
Passenger Check-In and Boarding System (DCS, LBA)
Lounge Management System
Baggage Lost/Delay/Damage Data Management System
Self Bag-Drop System
Cargo Reservation System
Flight Control System (FMC, WNDS, WNIS) Upgrade
Flight Weight and Balance Solution
Airlines PNR Collection System Development
Passenger Interface In/Outbound System
(Cabin Crew GD/APIS Interface Development)

Airport System

CUPPS (Common Use Passenger Processing Systems)
Development / Operation / Management
※ Certified for CUPPS 1.03 and 1.04 CTE – approved by IATA
BRS (Baggage Reconciliation System)
L-DCS (Local Departure Control System)
TTS Auto Closing Announcement Broadcasting System
Portable Check-in Counter
Provision of Check-in and Boarding Hardware

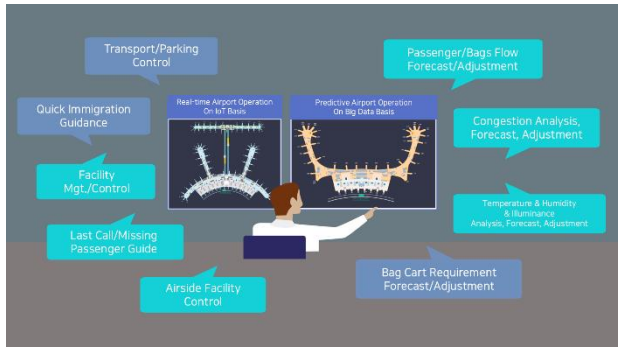
- BPP: Boarding Pass Printer
- BTP: Baggage Tag Printer
- MRP: Machine Readable Passport
- BGR: Boarding Gate Reader

Others

Automated Immigration Control System (Auto-Gate)
DCS Training Program
X-ray Security Training Program

SACOMS Consulting

SACOMS (Smart Airport Central Operation Management System) Consulting is an airport system design and introduction consulting service for new airports or existing airports that do not have a system yet to process passengers. Through SACOMS Consulting, we design a phased project to ultimately form a 'Smart Airport' and propose system suitable for each airport's situation.



What is Smart Airport?
Smart Airport is the airport established by replacing, integrating, interfacing and upgrading the legacy system using the advanced technology of the 4th Industrial Revolution.

Smart Airport visions are largely divided into two categories.

1. Improvement of existing airport operation efficiency :
   Efficiently utilizing limited airport resources through smart technology, improving major airport passenger services, and activating local airports.
2. Designing a new airport based on advanced technology :
   Providing a seamless check-in, boarding process, ensuring the best safety and security, maintaining high-quality and convenient passenger services

We design and introduce a reasonable and optimized smart airport system by identifying the type and size of systems required for each airport. We propose a central operation management method through customized airport operation and passenger handling solutions.

Identify requirements → System design & customization → System introduction & mgt. plan proposal → Upgrading system for Smart Airport

CUPPS (IIAC AirCUS)

CUPPS (Common Use Passenger Processing Systems) is a platform that supports airline task processes such as check-in and boarding tasks, interfacing with airline systems in accordance with the international standards established by major aviation organizations (IATA, A4A, ACI, etc.). It is an open system that does not depend on specific hardware and software.
Urielsoft has done the development, operation, and maintenance of IIAC AirCUS used in Incheon International Airport.

Main Features

- Support various devices and systems' general purpose
- Increase airport passenger handling efficiency with limited resources
- Reduced cost and time of additional development of airline applications, maintenance and operation
- A flexible environment where an independence of the platform and a variety of business functions can be used
- Provision of an advanced prediction and convenience function for platform and application's maintenance and management

Main Screen

Incheon Airport

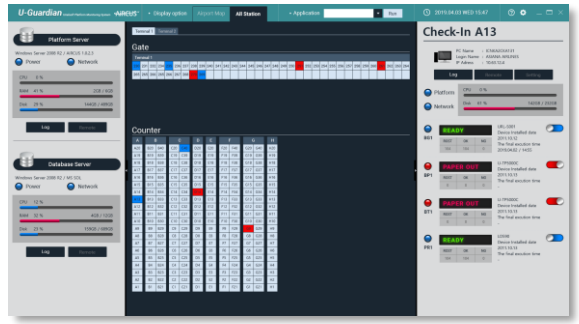
Remote Device Manager (RDM)

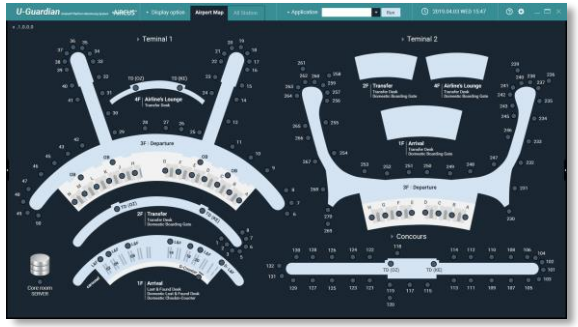
RDM is a solution that supports efficient system operation by monitoring the status of various devices connected to the common use platform. The status of various devices controlled by the airport CUPPS platform is looked up in real time using an automated monitoring/control system and identify the latest status of the device. In addition, by accumulating the operation history of the devices, the analyzed data automatically generates a report to utilize as a statistical system.

Main Features

- The status of all device is monitored simultaneously in real time, which allows the operator to know in advance when a problem occurs
- The operator may go ahead and fix the problem before the users report the problem
- Automatically generate statistical data to quickly produce various reports, reducing the time required for documentation

Main Screen





Baggage Reconciliation System (BRS)

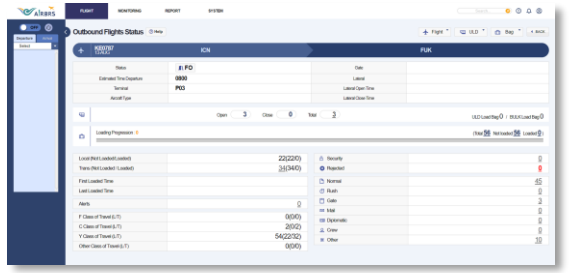
BRS is a system for baggage management, asset tracking (ULD, cargo, mail GSE) and ground operation that checks the passenger's boarding list and checks whether the passenger's checked baggage is actually loaded before the flight departs.
It provides accurate and fast baggage matching service in accordance with IATA Resolution 753 (Baggage Tracking).
Urielsoft has developed IIAC AirBRS used in Incheon International Airport.

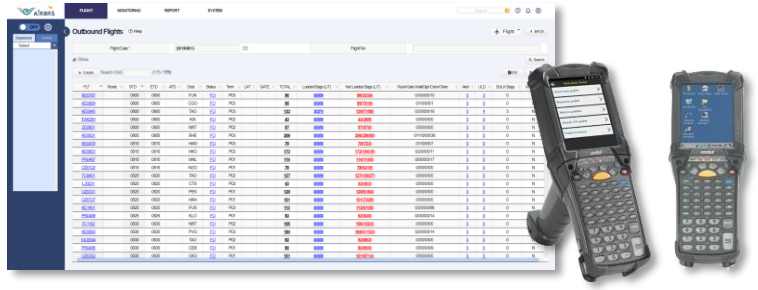
Main Features

- Able to check the location of departure/arrival/transfer bags in real-time
- Provide real-time airport operation information required for bags operation via interfacing with airport systems (FIMS, PFMS, etc.)
- Provide accurate bag reconciliation service based on the received BIM information
- Provide stable service through duplex bag message transmission module and monitoring by detail SW process
- Provide a compact device for operator's convenience when unloading bags and handling bags in the lamp area

Main Screen

Incheon Airport





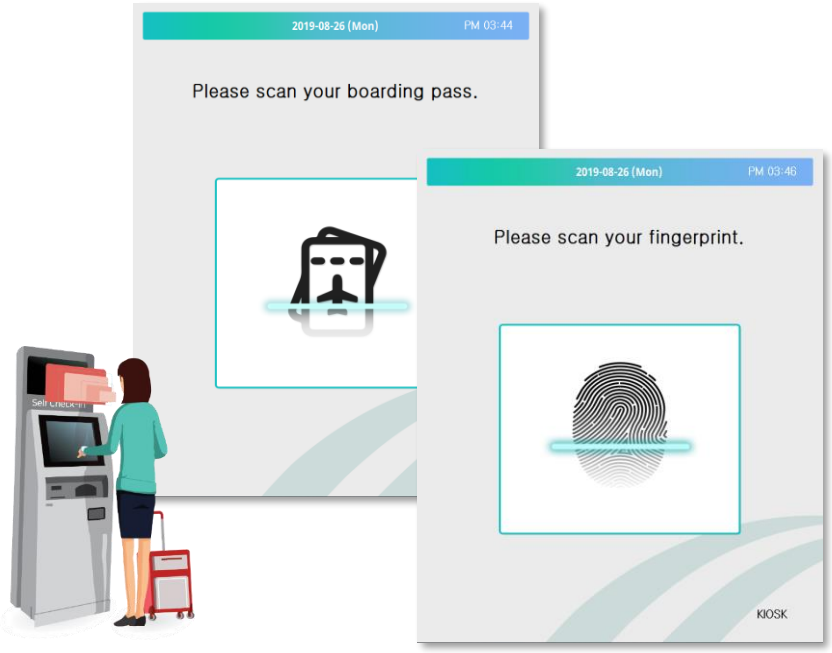
Bio-CUS (OneID)

Bio-CUS (Common Use System) is an international standard common use system that supports airline tasks such as check-in and boarding by applying biometric authentication technology to the airline system without changing the processes and applications currently used by the airline.

Main Features

- Generate OneID by registering biometric information, boarding pass and passport
- All biometric information such as fingerprint, finger vein, face, and iris is applicable (collaboration with bio-engine companies)
- Rapid identification of passenger identity using biometric information and generated OneID
- Immediately applicable to number of DCS
- CUPPS standard configuration enables the system to be applied to airline applications without changes
- Does not depend on a specific hardware and software

Main Screen



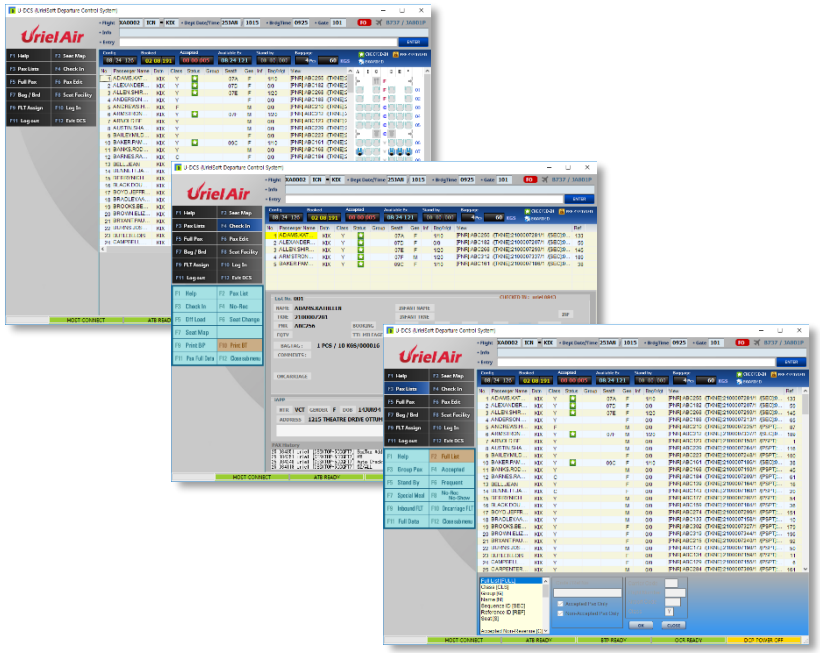
Local Departure Control System (L-DCS)

L-DCS is a check-in system that issues a boarding pass and baggage tag after checking the ticket (or e-ticket) information of the passenger who have booked the tickets, and corrects the itinerary if there is any change.
It is a CUPPS standard system to proceed passengers especially for those airlines whose DCS application is not available in the airport.

Main Features

- Provide important services related to boarding procedures at the check-in counter such as issuing boarding pass, printing baggage tags, seat assignment etc.
- Able to apply airline's API
- Two-way data using reservation server and separate integration server
- Compatible with BPP Print, BTP Print, Card reader and other devices related with data collection
- Beginner can easily use the system without a mouse but with keys such as 'function' and 'tab'
- Kept the original version so that users who are familiar with 'Entry' can easily use the system

Main Screen



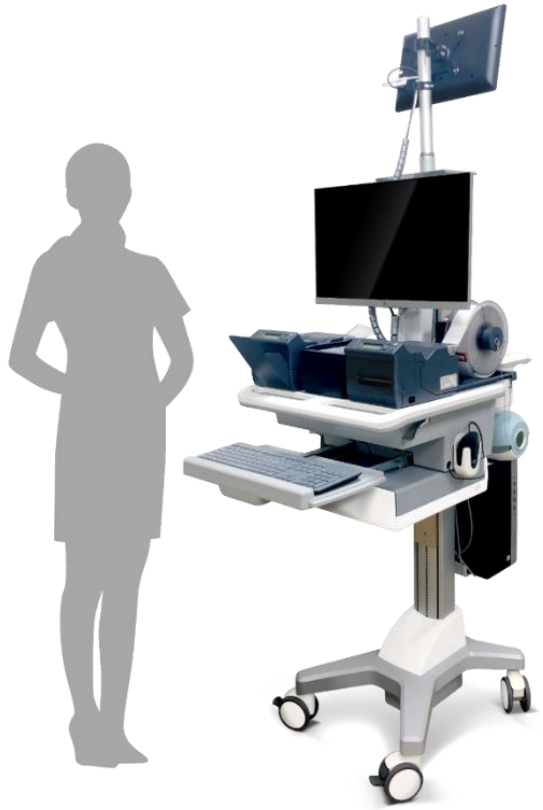
Portable Multi-Counter (U-PMC)

U-PMC is a movable multi-functional counter with a similar structure to CUSS kiosk which has been designed considering staff's inconvenience when ticketing for a long time. Mobile CUSS can be operated by wireless internet · 5G to enhance its mobility.

Main Features

- Components : ATB, BTP, PC, Monitor, MRP
- Freely installed and deformed in a limited space as a puzzle-type counter
- Easy to operate and maintain, suitable for modular design of components such as printer and UPS
- Able to adjust the height of monitor and keyboard according to the user's ergonomic characteristics
- Multi-functional as a check-in counter, boarding gate counter, and information desk etc.

Product Image



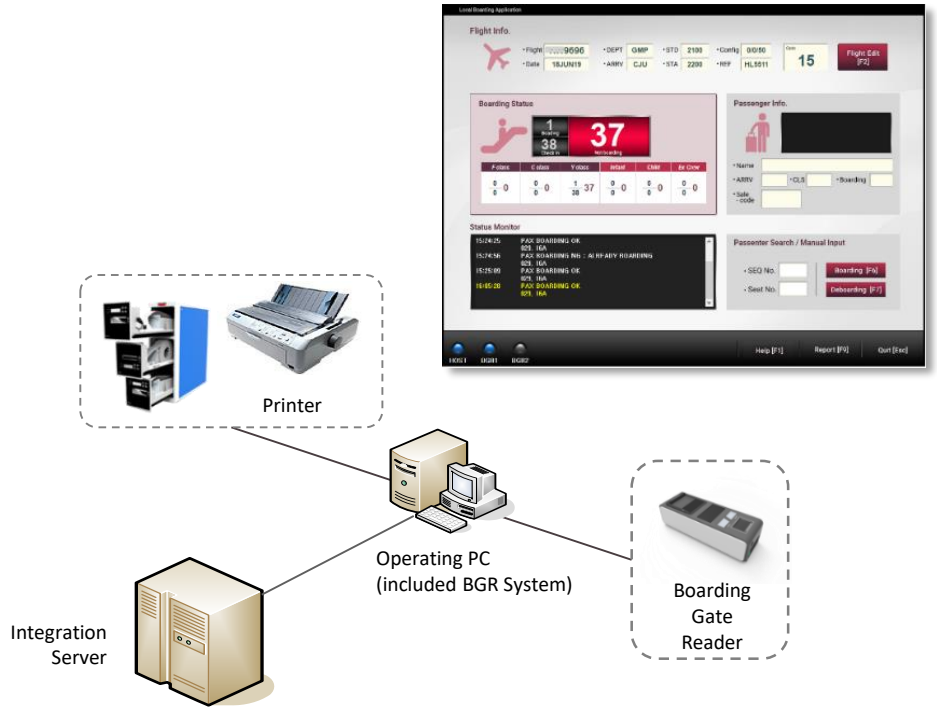
Local Boarding Application (LBA)

LBA (Local Boarding Application) uses a BGR (Boarding Gate Reader) to assist passenger boarding procedures.
The passenger's boarding process is checked in a simple and convenient process, and the result of boarding is accurately uploaded in the airline's system.

Main Features

- Boarding confirmation of checked-in passenger in front of the boarding gate and view passengers who are not on board yet
- Data collecting module through boarding pass barcode scanner and transfer data to the server after data collection
- Screen display in boarding order of the passengers whose boarding process have been completed and printing function in protection against network problem
- Manual entry is allowed when there is network problem

System Structure



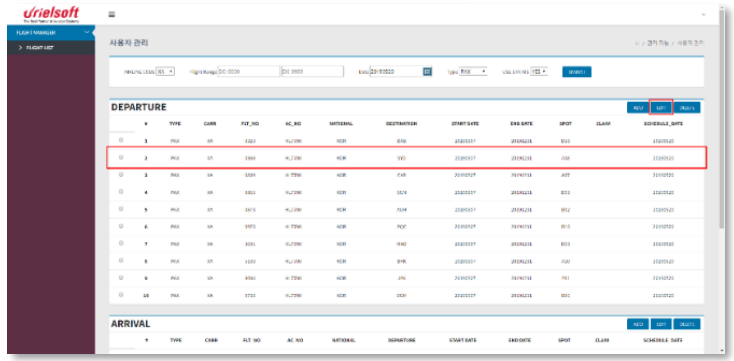
Flight Information Display System (FIDS)

FIDS is necessary for every airport to let the passengers know about their flight schedule and provide convenience for the passengers. Urielsoft's FIDS can be implemented as a stand-alone system with its dedicated database.

Main Features

- The flight schedule is automatically updated by pulling data from the database as data is already stored, and match the information with the real time schedule.
- The display can be adjusted by simply typing data into the system for suddenly canceled or delayed flights.
- The dedicated database for FIDS allows an expansion of support for various airport users and tenants (e.g. airlines, ground handlers, etc.)
- Allow an expansion of support for FIDS service covering check-in counter, island counters, airport office, lounge area, etc.

Main Screen

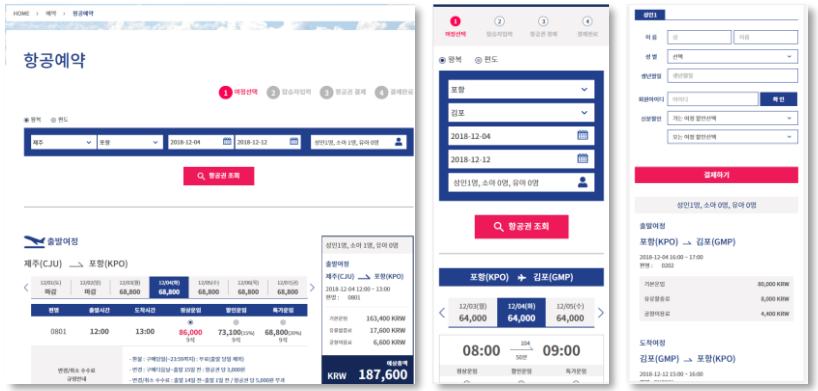


Domestic CRS (Computer Reservation System)

Airline Reservation System Solution that supports website, mobile reservation, call center, and reservation agent

- Hybrid type that supports website reservation and mobile reservation.
- Support management system for call center and reservation agent
- Support flight management, flight registration, and passenger statistics management function
- Support website and System User Management module

Website & Mobile



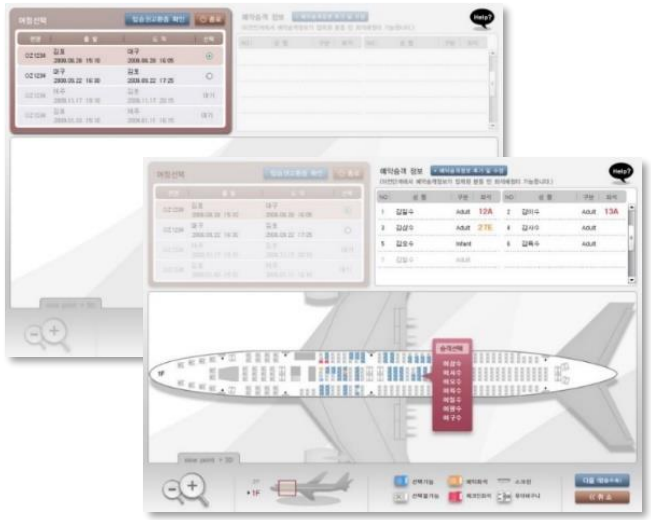
Call Center & Agent

Web·Mobile Check-in System

An online check-in service that handles boarding procedures simpler and faster by using a web or a mobile phone.
It enables passenger to print online boarding passes at home or send them to a mobile phone.

- Complying with web standards (HTML5 & CSS3)
- Interfacing with the airline host by MQ data transmission
- Seat map zoom-in and seat selection function
- Able to proceed check-in for a traveling companion and an infant
- Able to send boarding passes to iPhone Passbook, iPhone wallet, Kakaotalk, SMS, LMS

Main Screen



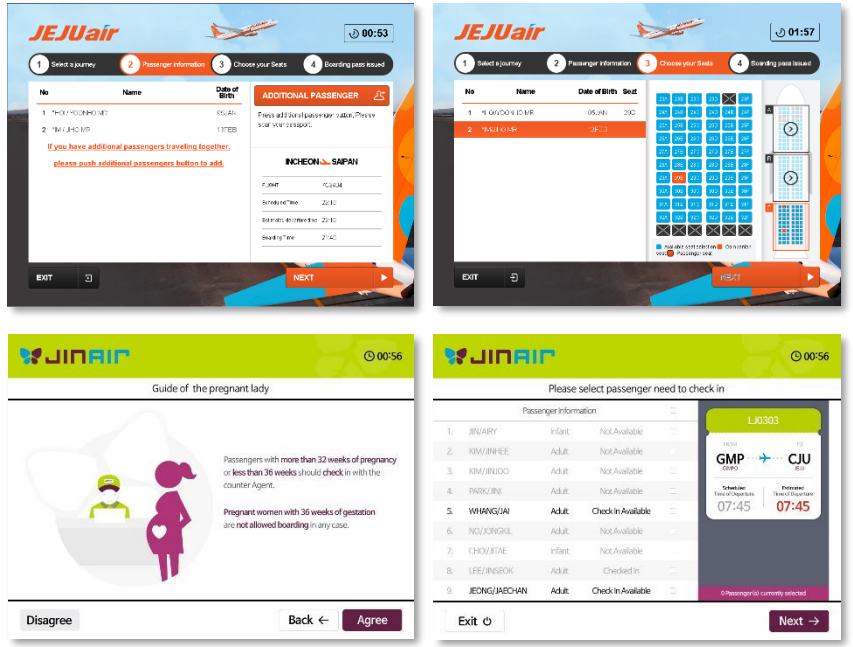
CUSS (Self Check-in) KIOSK Application

CUSS (Common Use Self Service) is a service that allows passengers to check-in via kiosks installed in the airport without going through the check-in counters at the airport. We have developed airline applications and APIs that work with the CUSS platform for various Korean airlines such as Asiana Airlines, Jeju Air, t'way Airlines etc.

Main Features

- Reservation Information Look-up
- Flight Schedule Look-up
- Flight Seat Selection, Change
- Boarding Pass Issuance
- Matching passenger with reservation information by scanning passport

Main Screen



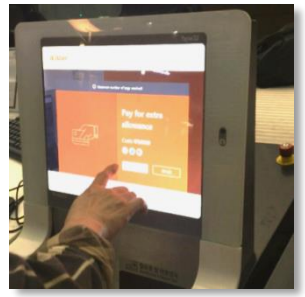
Self Bag-drop System

Provided convenient and quick departure service for Jeju Air passengers by interfacing bag drop service of Incheon International Airport's Self Service Zone.

Main Features

- Boarding pass (mobile boarding pass) verification
- Payment function for additional baggage
- Print baggage tag and receipt for payments
- Self bag-drop usage data collection and statistics
- Manage constraints according to class and zone

Main Screen



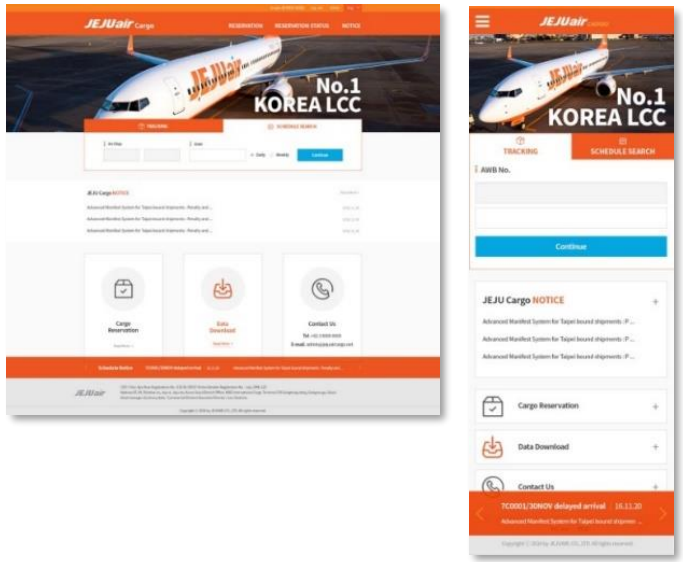
Cargo Booking System

Cargo Booking System supports cargo-related businesses by providing independent web-based PC and mobile services to enhance access convenience and allows the user to check the cargo performance and various information in real-time.

Main Features

- Cargo booking and tracking function for outside contractors
- Real-time reservation status and performance inquiry is available for internal managers
- Enhanced accessibility by providing independent web-based PC and mobile services
- Able to check real-time cargo performance and various information
- Automated data entry using SITA message interface service
- Save SITA FFM message into the cargo system

Main Screen

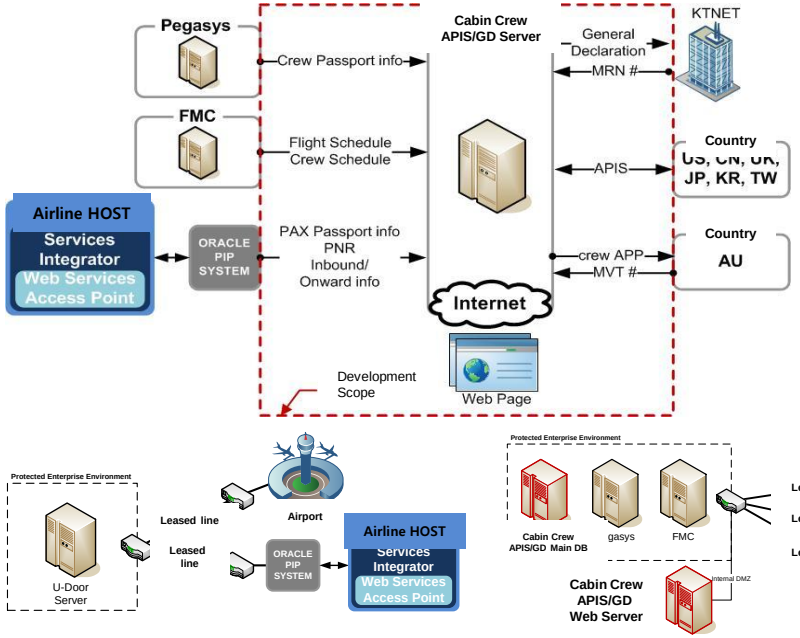


Real-time Airport Information Interface

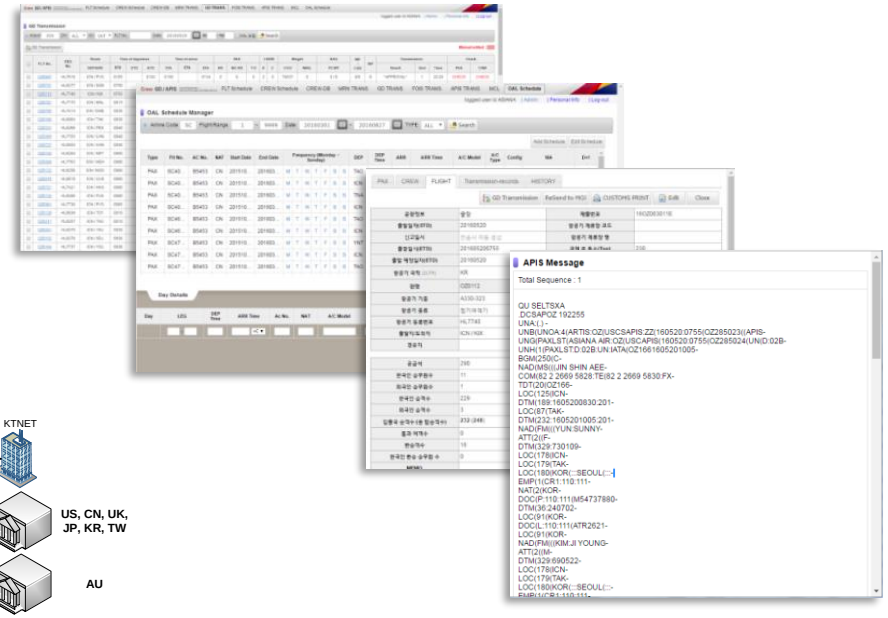
Development of related system upgrade and interface, and notification system expansion for the introduction of next-generation passenger system

- **PFMS Interface**
  - Interface check-in and boarding information
- **Cabin crew GD / APIS**
  - Interface flight and cabin crew schedule (including HR information), GD/APIS specific communication management

System Structure



Main Screen



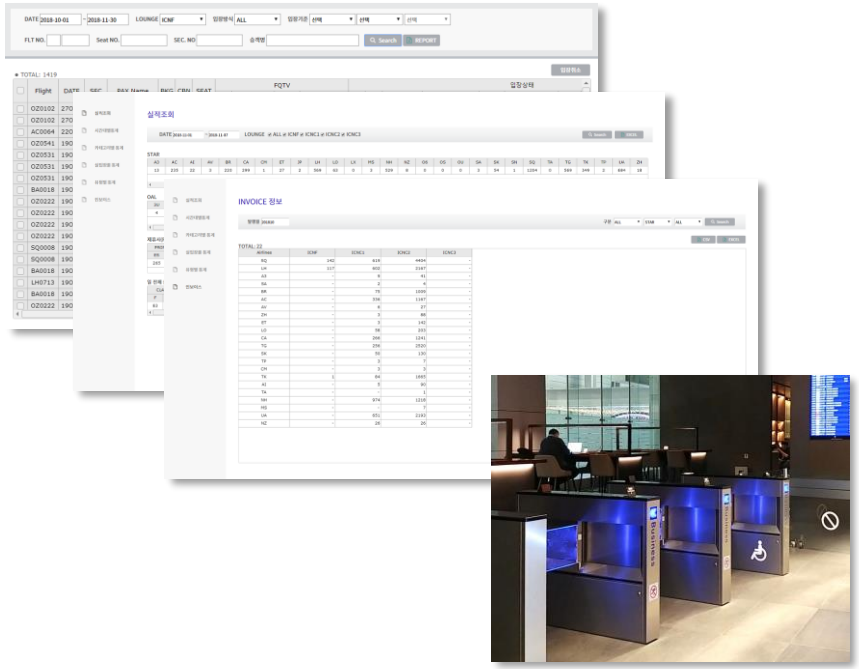
Lounge Management System

A system that checks the entrance of passengers using the airline lounge at the airport and checks the number of lounge accesses. This system allows for automatic invoicing and provides convenience for passengers using the lounge.

Main Features

- Handling entrance by interfacing with the airline's PFMS, Check-in information, Airline Mileage System
- Convenient entrance control process by using automated gates.
- Handling entrance with different conditions: foreign airlines, credit card companies, and partner companies
- Providing information about the passengers who have entered the lounge such as flight information
- Program that handles statistics for different conditions and produces invoice automatically

Main Screen



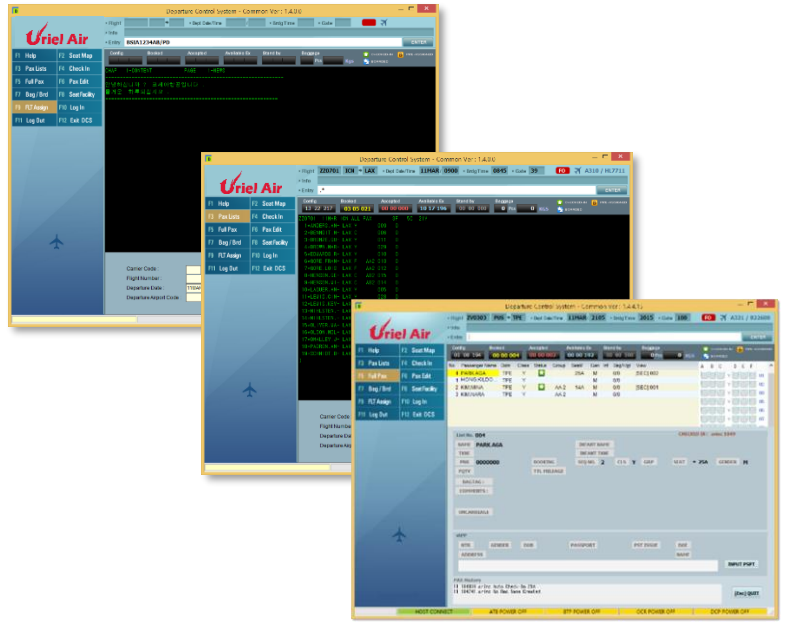
L-DCS Training Program

L-DCS training program is an educational program for ground crew to process check-in at the counters. It has Identical functions with the actual check-in program, such as issuing boarding passes and assigning seats etc., so that those who have completed the training to immediately perform any on-site check-in process.

Main Features

- Enable to customize user interface and functions according to the customer's requests
- Proven program that is actually used in local ground crew academies for many years
- Able to assign seats, process bag and issue BP, BT
- Able to assign flights, create gate messages, edit passengers information, add passengers special comments etc.
- Three types of L-DCS is available:
  GUI (Graphic User Interface), HOST, WEB type

Main Screen



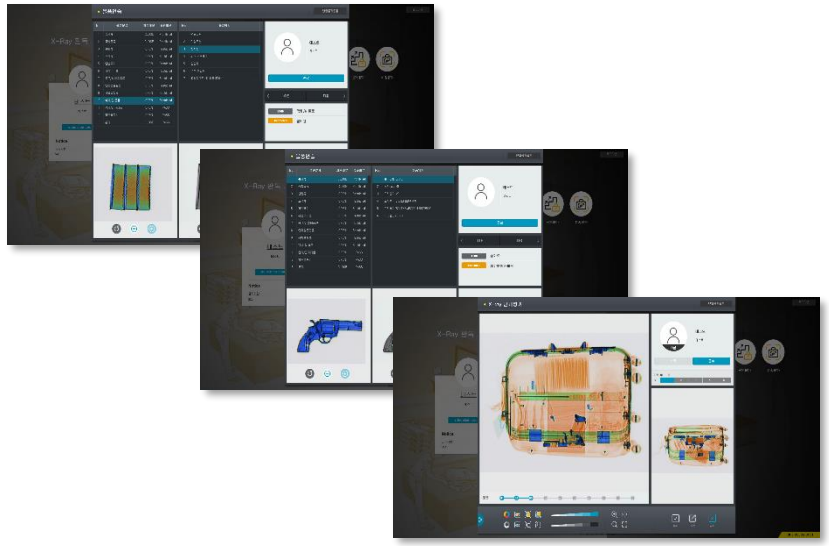
X-ray Training Program

A web-based training program to enhance X-ray security screening expertise by providing more than 1,000 restricted and prohibited item images. It is easy to produce new contents by incorporating excellent administrative functions such as registration of items, theories, and X-ray screen contents.

Main Features

- Provide real images and X-ray images of the items
- Simultaneous display of front and side images of the items
- Easily change the saturation and brightness of X-ray images
- **Trainee Features**: Learning Theories, Real-life Examples, Item Practice, Theory Assessment, Evaluating Exams etc.
- **Instructor Features**: Trainee information inquiry, Course Progress Information, Evaluation Management etc.
- **Lesson Features**: Training Schedule Inquiry, Curriculum views, Real-life Examples etc.
- **Administrator features**: Training Management, Training Operations, Contents Management, Statistics Extraction, Settings etc.

Main Screen



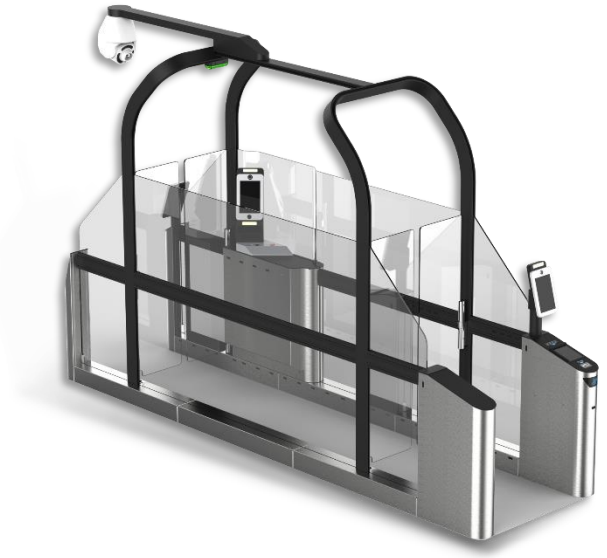
MOJ Auto-Immigration Gate

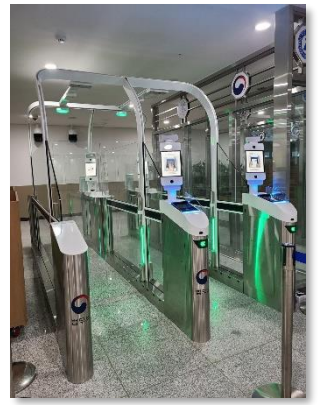
Automated immigration system that provides fast and accurate screening services using advanced IT technology such as biometrics. By applying double face-recognition using auxiliary cameras and two-person detection sensors, the quality of detection and security has been improved. It is currently installed in Incheon Int. Passenger Port, Yangyang Int. Airport, and Muan Int. Airport.

Main Features

- Fast and accurate immigration screening through facial/fingerprint recognition and two-person detection
- Reduced waiting time by walk-through face recognition
- Monitoring dashboard for the real-time operation status and peripheral devices status
- Inquiry of usage history, device, biometric information, external interface, operation log, etc.
- Inquiry of usage status and statistics by region/zone, device, airport, and entry/exit
- Export query data in the format of Excel, PDF, JPG, etc.
- Program setting such as user registration, authorization setting, common code and matching score management

Product Image



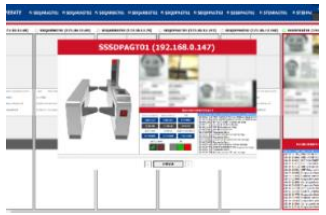


Automated Border Control System (Immigration)

- Utilize cutting-edge IT technology including biometric information technology and MRP reader
- Interface with pre-registration system and IAMS(Immigration foreigner management system)
- Provide high quality inspection service by constructing quick and convenient system.
- Easy to open and close each main module – allows easy maintenance and quick repair in case of failure.

Product Image

Main Screen



Monitoring system screen

LAS AMERICAS Int. Airport (Departure)

Pre-register system screen

LAS AMERICAS Int. Airport (Arrival)

Statistics screen

CIBAO Int. Airport (Departure)

Airport Services with Self-Driving Robot

To face the environment where unmanned and non-contact culture is being formed, we develop smart airport and logistics services based on self-driving robot technologies and convert existing fixed-type services to mobile ones to advance and upgrade various procedures and logistics in the airport. Examples of autonomous robot-based airport services include AI robot self-check-in service and carrier delivery service.

Main Features & Product Images

- Providing mobile, non-contact services
- Providing non-contact baggage transportation service
- Quick passenger processing through mobile service
- Through autonomous driving technology, check-in service can be performed in areas other than check-in counters and even in non-airport locations such as hotels

Boarding Pass / Baggage Tag Printer (U-TP5000C)

U-TP5000C is a Line Thermal Unit printer that enables high-speed printing by applying a direct thermal line dot type. Unlike other existing printers, the boarding pass printer (BPP) and baggage tag printer (BTP) are configured as a single device, and the multi-printing function that can be used for group ticketing and mass ticketing greatly improves space efficiency and reduces the waiting time.

Main Features

- A three-module printer:
  BPP (for Economy), BTP, BPP (for Business/First Class)
- Possible for other compartments to continue performing tasks even when one compartment has a malfunction because of its independent module structure
- Can be opened and closed quickly with a drawer-type structure which makes the user easier to feed paper
- Make the airport counters' tasks more efficient and enhance the price competitiveness
- Perfect compatibility with new platforms
- Make user-friendly environment by providing convenience
- Reduce maintenance cost by providing excellent quality

Passport Scanner (U-FASTpass)

MRP(Machine Readable Passport) is a passport scanner usually used in the check-in counter or boarding gate etc.
U-FASTpass is a compact full-page passport scanner for reading various types of documents such as a travel document, 1D and 2D barcode, ID card etc. Out fitted with a 5MP sensor, a high-quality lens and software engine, it scans images at high resolution and shows superb accuracy for optical character and RF chip data.

Main Features

- Compact and ergonomic design for narrow space
- Full page, single step reading for ICAO standard travel documents
- Fast and reliable operation to maintain a short queue
- Flag function for ambiguous OCR
- Incomparable high-quality scan images for white, IR, and UV Illuminations
- Wider window size to treat vinyl-covered passports or rotated passport input
- Intelligent antenna for minimizing the error rate of RF reading
- Detailed Model: P1(Standard), P1R (RF Chip Reader) , P1K (For Kiosks)

Boarding Gate Reader (iBGR300)

BGR(Boarding Gate Reader) is a state-of-the-art security system that are operated at the boarding gate.
iBGR300 is a CCD(Change Coupled Device) type scanner that improves code recognition by applying a mega pixel sensor.

Main Features

- Megapixel sensor improves code recognition rate.
  (2D code : 0.25mm / barcode : 0.18mm)
- IATA recommended PDF 417, 2D, 1D barcode recognition.
- Smart phone & tablet PC barcode recognition.
- Check boarding pass information in real-time with 7 inch LCD.
- User-friendly interface. (Buzzer, Blue/Red/Green Color LED, LCD)
- High-speed with 360° barcode scanning area.

Device Layout

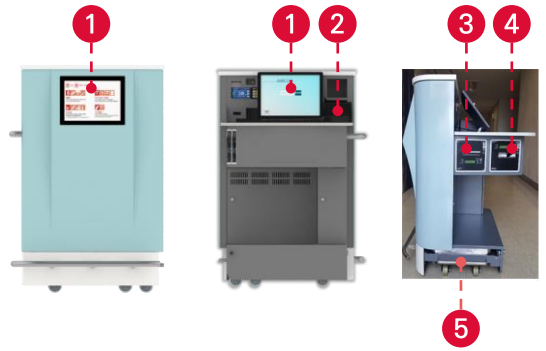
Check-in Counter

Device	
1	Monitor
2	Passport Scanner (MRP)
3	Boarding Pass Printer (BPP)
4	Bag Tag Printer (BTP)
5	Workstation

Boarding Gate

Device	
1	Monitor
2	Document Printer
3	Boarding Gate Reader (BGR)
4	Boarding Pass Printer (BPP)
5	Bag Tag Printer (BTP)
6	Workstation

Portable Counter

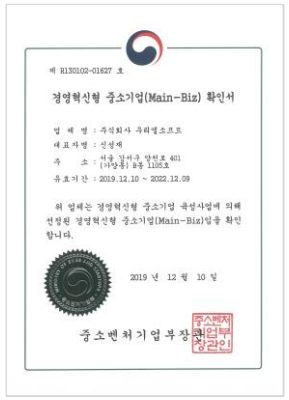


Device	
1	Monitor
2	Passport Scanner (MRP)
3	Boarding Pass Printer (BPP)
4	Bag Tag Printer (BTP)
5	Baggage Scale

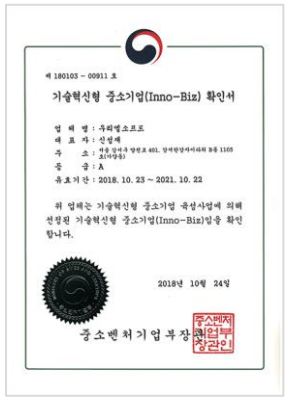
Certificates

Urielsoft is recognized for its reliability in management through ISO9001, MAIN-Biz and Inno-biz certifications.
Since 2011, Urielsoft have been conducting R&D by establishing its own research center.

ISO9001 Quality Management System (QMS) Certificate



Management Innovation Business (MAIN-BIZ)



Technical Innovation Business (Inno-Biz)

Software Business Certificate

Urielsoft Affiliated R&D Center

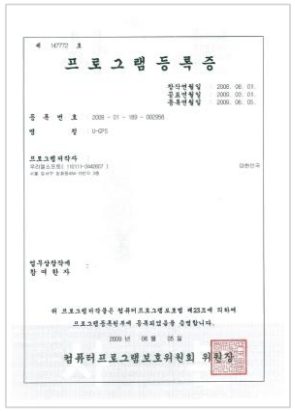
Direct Production Certificate

Information and Communication Construction Business

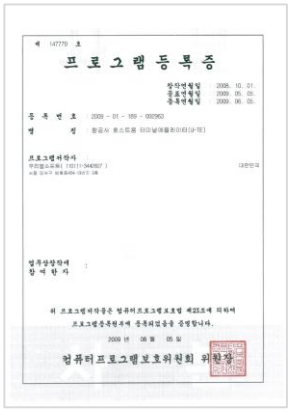
Engineering Business Certificate

Licenses

Software developed by Urielsoft's high technology is legally protected by copyright registration. We continue to develop software for overseas business and manage copyrights to provide a systematic component to a competitive global solution company.



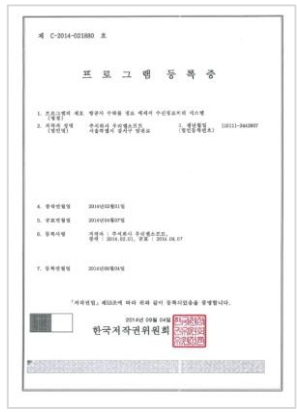
U-CPS
(Common Process System)



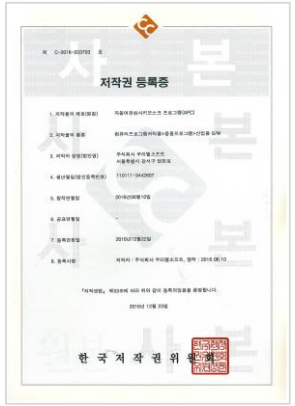
Airline Host Terminal
Emulator (U-TE)

CUPPS Device Control
and Data Interface Function

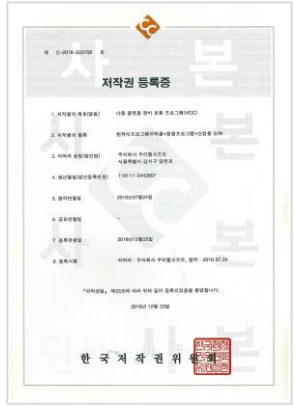
MATIP Protocol Gateway



Airline Baggage Information
Message Handling System

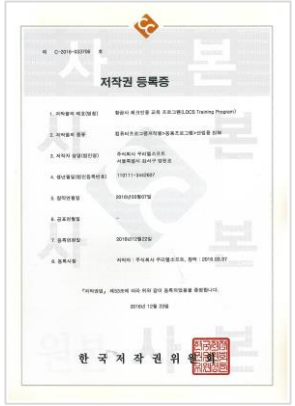


Automated Passport Control
(APC) Self-Kiosk Program

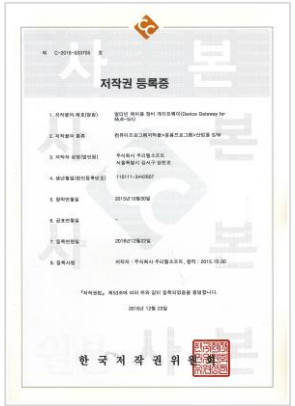


Multiple Platform Device
Compatible Program (HDC)

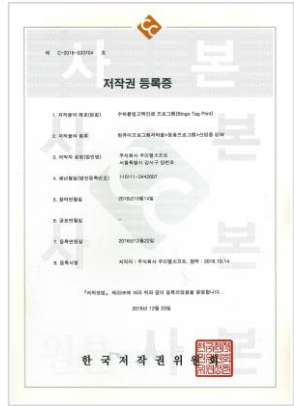
Common Use Platform
Monitoring System
(U-Guardian)



Airline Departure Control
System Training Program
(LDCS Training Program)



Device Gateway for
Multi-bin Control



Bingo Tag Print Program

References

2021	07	Air Seoul Passenger System Re-establishment (Kiosk, Arrival/ Departure System)
		KAC One ID System Expansion Project – Interface with airline system and introduction of Urielsoft's e-BGR solution
	06	R&D Project: ICN Airport Airside Operation Support System Based on Airport Capacity
		R&D Project: Airport Waiting Time Data Collection and Opening
		MOU with IIAC for Incheon Connecting Smart Airport Partnership
	05	MOU with Yujin Robot for Smart Airport and Logistics Services
	01	Jeju Air Next-Generation Passenger Transport System Development
		Opened an Export Incubator Business Office in Almaty, Kazakhstan
2020	11	TigerAir Navitaire TE LBA Solution
	10	R&D Project: Development of Non-Contact Check-in Kiosk Assistance System
	07	Established Tanzania Zanzibar Branch Office
	06	Immigration Auto-gate Replacement and Installation Project
	05	Hi Air Domestic Flight Kiosk Development
	03	Aero K Airlines OnePass Solution Supply
		Asiana Airlines Additional Functions for Customs PNR Transfer
	02	MOU with IIAC for Mutual Growth and Overseas Business
		Air Busan Notice of Entrance/Clearance Improvement (KIOSK)
		Air Seoul Domestic Flight APIS Development
		Aero K LDCS Solution Supply
		Zanzibar International Airport LDCS, FIDS Solution Supply
	01	t'way International/Domestic Kiosk Improvement and Certification
		Air Busan SITA Platform Interface Solution
2019	11	SITA Check-in Device Control Solution Supply
		POS System Installation at AAKIA, Zanzibar (Tanzania)
	10	Participated in GMV (Global Mobile Vision) 2019 Exhibition
	06	Korea Express Air CRS & DCS Establishment
		Air Busan China Customs iAPI and PNR Push Establishment
		HI Air Airline Operation System Establishment (One Pass)
		Air Busan Common User Kiosk Improvement
	05	Participated in Japan IT Week Spring 2019 Exhibition
	04	Fly Gangwon IT System Establishment
	03	Participated in the 'Int. Universal Exhibition Tajikistan 2019'
	01	Obtained CUPPS 1.04 CTE Certification
		Air Seoul Domestic Airport System and Kiosk Development
		Asiana Airlines Customs PNR Transmission Project
2018	11	Jeju Air Domestic Kiosk Biometrics Project
		t'way International/Domestic Kiosk Functional Improvement
	10	Obtained CUPPS 1.03 CTE Certification
	09	Airport System Interface (OnePass/PFMS) for Air Philip
	08	Asiana Airlines One Pass Advancement Project
		Asiana Airlines Lounge Auto-Gate Advancement Project
	05	Jeju Air Cargo System Advancement Project
		Air Incheon Aircraft Weight & Balance Development
	04	Jeju Air Domestic Flight KIOSK Upgrade
	03	Eastar Jet International/Domestic Kiosk (CUSS) Development
		Jin Air International/Domestic Kiosk (CUSS) Development
	02	Jeju Air Vietnam CIQ (Customs Immigration Quarantine) Interface
	01	Gwangmyeong City Airport, ICN Airport T2 CUPPS Open

References

2017	11	Participated in 2017 Korea Smart Airport Exhibition (Busan)
	09	ICN Airport CUPPS (AirCUS,AirBRS) Advancement Project
		Jin Air New PSS System Development
	08	Asiana Airlines Baggage Damage Data Management System
		t'way Air Domestic Kiosk (CUSS) Development
	07	Eastar Jet International/Domestic Kiosk (CUSS) Development
		Jeju Air Kiosk Upgrade at Incheon International Airport
	06	Provided DCS Training Program to Busan ATM Academy
	05	Started ICN Airport CUPPS Operation & Maintenance Service
	03	Air Seoul International flight CUSS Application Development
	01	Awarded as a 2017 Superb Korean Brand (Aviation system field)

2016	12	Jeju Air Cargo Reservation System Construction Project
	11	t'way Air International Flight CUSS Application Development
		Provided DCS Training Program to IVY Ground Handling Academy
	09	Jeju Air IDS, KIOSK, PFMS (Passenger Flow Management System)
		Establishment
	07	Obtained Quality Management System Certificate (ISO 9001)
	05	Asiana Airlines Apron Management System Establishment
	04	Jeju Air Domestic Flight Check-in System Establishment
		Participated in '2016 Korea Trade Fair' held in Manila, Philippines
	03	Asiana Airlines New Customs Information Network Interface (GD/APIS)
		Air Seoul Arrival/Departure System Establishment (GD/APIS)
	01	Portable Check-in System Establishment and Check-in Hardware
		Installation (U-TP5000C)

2015	10	Jeju Air International Flight Kiosk Advancement
	09	Jeju Air Self-Bagdrop System Establishment
	08	Jeju Air International Flight Web Check-in System Establishment
		Gimpo Int. Airport Domestic Flight CUSS Demonstration Project
		(Korean Air, Asiana Airlines, Jin Air, Jeju Air, Eastar Jet, t'way, Air Busan)
	05	Asiana Airlines Airport Information Real-time Interface
		Establishment (Cabin Crew GD/APIS Advancement)
		ARINC LDCS Interface Expansion Project
		Star Alliance Digital Membership Card Development (Lounge)
		Asiana Airlines Arrival/Departure System Upgrade
	04	IIAC u-Airport Service AirCUS Operation and Maintenance
	03	Dominican Republic Airport Auto Border Control System Establishment

2014	11	Device Provision and Development for IIAC's 3rd level Flight
		Communication Project
	10	IIAC's AirCUS Expanded Installation, Hardware Provision
		IIAC LCC Check-in Service Interface Project (Jeju Air, Eastar Jet)
	07	Air Busan International Flight Kiosk (CUSS) Development
	03	Air Busan Flight Control System FMC/WNDS/WNIS Upgrade
		Next Generation Flight Control and Related System
		Establishment (Airport Apron)
	01	IIAC u-Airport Service AirCUS Operation and Maintenance

References

2013	11	MOU with ARINC Application/Device Development
	10	Boarding Pass Reader (URL-S001) Provision for Lounge Tracking System
	09	Air Busan LBA Development for Fukuoka Airport
	07	Radiation Exposure Measuring System Development
	06	Next Generation Flight Control and Related System Development (Asiana Airlines TTY Message Hub)
	05	Codeshare ASM/SSM Transmission Function Development
	01	Asiana Airlines Internet, Mobile Check-in System Development
2012	09	Airport Information Real-time Interface Development (Domestic Flight OnePass, U-DG, SFP, GD/APIS)
	07	Feasibility Study of Immigration and Border Control for 5 EAC Countries (conducted with KOICA)
	05	Feasibility Study of Mongolia Immigration Control (conducted by NIPA)
	02	Asiana Airlines CGI(Connecting Gate Information) Development Selected as an ICN Airport AirCUS Technical Support and Service Operation Company
	01	Approved and Contracted as an ARINC Solution Provider
2011	12	ARINC CUSS Interface and Asiana Airlines Application Development
	11	Asiana Airport Apron Management System Server Upgrade
	10	Supply of vMUSE MRP and Installation for Pusan Int. Airport
	09	ARINC CUSS KIOSK Application Development for Asiana Airlines for NRT, PUS, GMP Airport
	08	Development and Supply of Asiana Airlines MRP for CUPPS Asiana Airlines Lounge Tracking System Upgrade
	06	Gateway Software Development for Airlines Network Interface
	05	Asiana Airlines Mobile Check-in System Development
	02	Urielsoft Research Center Establishment – Started Aviation System Related Solution Research Project
2010	11	Supply of Three Types of Next Generation Printers for IIAC CUPPS (BPP, BTP, DCP), and Multifunctional BGR
	07	Asiana Airlines Transport System Maintenance
	05	Incheon International Airport CUPPS Development
	03	ICN Airport Auto-gate TTS System Development
	02	ICN Airport CUPPS and U-DG Server Development Asiana Airlines, Air Busan Domestic Flight OnePass
	01	Interface Module Development Airline Internet Fare Management System Development

References

2009	12	Asiana Airlines Agent Internet Check-in Development
	10	Asiana Airlines Internet Check-in Maintenance
	09	Supply of Asiana Airlines Cargo Plane Weight & Balance Exclusive Version OZ to the Worldwide Destinations
	08	Secure Flight Program System Development (Approved by USA, TSA, CBP)
	07	Secondary Demonstration of Auto Boarding System for the
	04	Incheon Int. Airport Immigration Simplification R&D Project Asiana Airlines Air Transport System Maintenance
	02	Supply of Ground Crew Training Program Solution to COSEA
	01	Produced DCS, BGR Public Information Flash

2008	11	Obtained APIS and US CBP Certification Related to ARINC USA No-Visa System ESTA
	10	Supply of Eastar Jet Weight & Balance Solution
	09	ARINC Transport System (ARINC-DCS) Development Asiana Airlines Internet Check-in System Development
	08	Air Busan CUSS Kiosk System Development
	07	Air Busan External Organization Interface System Development Air Busan DCS, LBA UI Development
	04	Auto Boarding Gate Development for Incheon International Airport Auto Departure System Simplification Project
	03	Airport Lounge Tracking System Development
	02	Asiana Airlines Passenger Information System Development

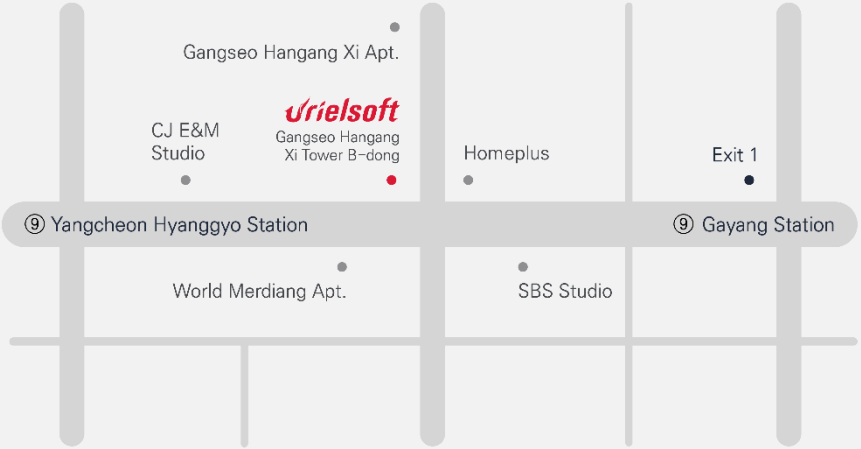
2007	11	Asiana Airlines Departure/Arrival Information Briefing Sheet Development
	10	LCC Transport System (DCS, LBA(BGR),W&B) Development OZ CUSS Interface Application Development for Gimpo/Busan International Airport OZ CUSS Kiosk Mobile Check-in System Development
	06	Process Management and Apron System Development
	05	Incheon International Airport Asiana Airlines Counter and
	04	Baggage TTS System (Auto Closing Announcement) Development
	02	Flight Weight & Balance System Development Incheon Int. Airport CUSS Kiosk Interface Application Development for Asiana Airlines

2006	12	Japan Tokyo NRT Airport CUSS Kiosk Interface Application Development for Asiana Airlines
	10	Airline PNR Collection System Development
	06	Asiana Airlines CUSS Kiosk Interface Application Development
	04	Establishment of Urielsoft and Started the Aviation Solution and System Development Business

CONTACT US

Urielsoft
The Best Partner of Aviation Systems

A company that develops with the best technology to meet customer's needs

A company that creates a leading position in the aviation system business

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