AirCIS
Air Cargo Information System

We provide the integrated visibility service
by the single gateway, AIRCIS.

Air Cargo Information
is moving to ARICIS.

You can now be on the air cargo
logistics hub with AIRCIS faster and
more conveniently.
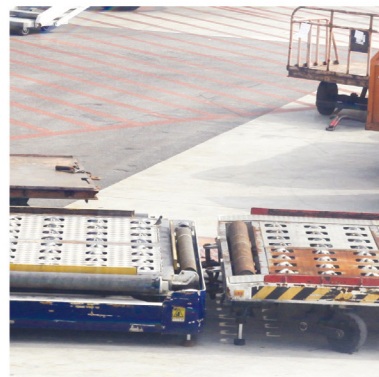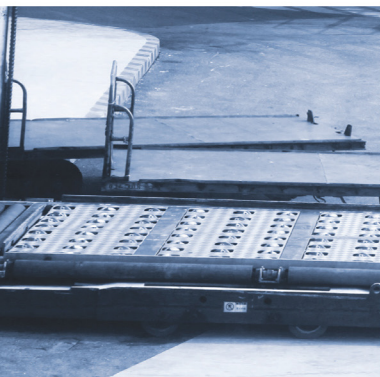
AIRCIS &
Air Cargo Information Service

AirCIS
Air Cargo Information System

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국토교통부   **Incheon Airport**

국토교통부   **Incheon Airport**

PROLOGUE

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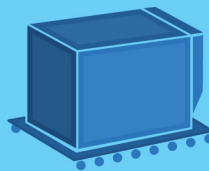
AIRCIS &
Air Cargo Information Service

AIRCIS was developed by the MOLIT(Ministry of Land, Infrastructure and Transport) and is operated by IIAC(Incheon International Airport Corporation), which is one of the 31 e-Government Projects. It aims to secure our dominant position in the worldwide competition over the standardization of logistics and to improve the efficiency of air cargo handling.

AIRCIS is an one-site, one-stop integrated system that supports and provides information to leading logistics companies including airlines, ground handling companies, forwarders, freight agents, and shiooing companies. Based on a cooperative system with MOLIT, IIAC, Korean Air, and Asiana Airlines, AIRCIS provides various services to domestic and international carriers operating at Incheon International Airport, including cargo reservation, cargo tracking, flight schedule, AMS sending/inquiry, ground handling information, and air cargo information services.

In addition, AIRCIS has developed the largest air cargo community in Korea by connecting approximately 1,000 logistics companies(airlines, shippers/consignees, forwarders, warehouse operators—such as KAS and AAS), private VAN service proviers, and business handling system providers.
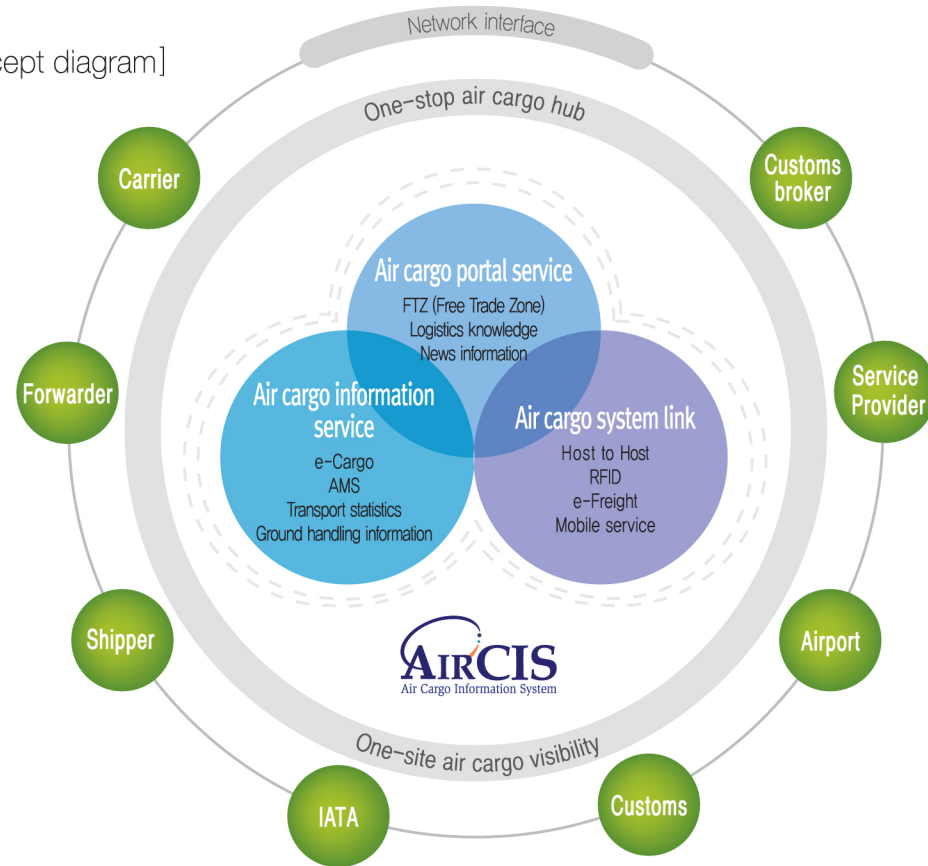
AIRCIS will improve the service after IIAC is designated as a dedicated air cargi service provider by Korean government, and plans to expand the logistics network.
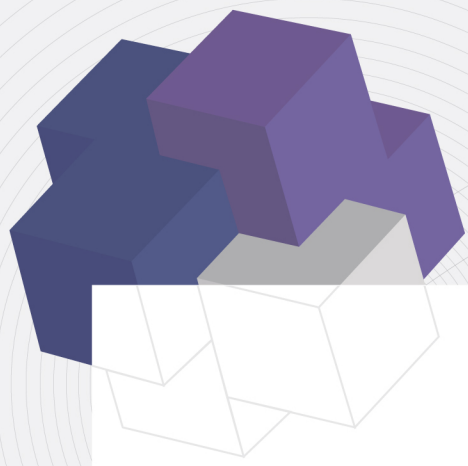
SUMMARY

AIRCIS provides the optimized service by developing the air cargo information network and infrastructure, in order to strengthen the competitiveness of the air cargo industry in Korea.

[Service concept diagram]

[Main services]

Service		Major services	Interface targets
AIRCIS WEB	e-Cargo	- e-Booking, real-time tracking, flight schedule	- Carrier, forwarder
		- Creation and transmission for AMS, EU-ICS, etc	- Carrier, forwarder
		- Transmission of e-Freight data	- Carrier, forwarder
		- Tterminal ground handling information	- Forwarder
	Additional service	- Air cargo statistical data	- Logistics-related companies
		- Air cargo data (laws and regulations)	
		- Information on Free Trade Zone (FTZ)	
AIRCIS LINK		- e-Booking	- Forwarder
		- e-Freight (e-AWB) service	- Forwarder
		- Visibility service for shippers	- Shipper/Consignee

※ AIRCIS LINK :

A software solution that integrates the forwarder's business handling system with AIRCIS. Users can make a cargo booking, trace the shipment, check the schedule, and send a master/house air waybill.

Overview

We provide the integrated visibility service by the single gateway, AIRCIS.

● Can I see all the relevant information at a glance in real time?

● Can I make a booking for all carriers through a single system?

● Can I collect the latest air cargo information and statistical data?

● Can I reduce the cost and time of handling shipments?

Export / Import

Export

Shipper Consignee	Terminal	Airport
· Customs Clearance Results · Flight Schedule · Inland transport information	· Cargo shipping-in/out information · Cargo ULD/CPM information · Cargo irregularity information	· Cargo loading information · Flight Schedule

Import

Airport	Terminal	Shipper Consignee
· Cargo unloading information · Cargo warehouse assignment information	· Cargo shipping-in/out information · Customs Clearance Results	· Cargo transport information · Cargo delivery information

- Enables the user to use the e-Booking and tracking services provided by the world's leading airlines, including KE and OZ.
- Provides status information on freight shipments and flight schedules via the AIRCIS website
- Enables access to more than 50 airlines for e-Consolidation List (FHL) transmission.
- Establishes the basic foundation that allows the forwarder to provide the visibility service to the customer through the interface with the AIRCIS LINK.
- Strengthens the competitiveness of the air cargo industry by supporting the e-Freight service.
- Provides the ground handling information of the cargo terminal through the interface with the ground handling companies' information system.
- Provides an optimal business environment by providing information on logistics statistics and laws/regulations.
- Provides optimized service quality, increased efficiency and faster freight processing.
- Allows direct shipment status updates to be performed through an airline's in-house system.
- Reduces cost and time of shipment handling by sharing information with logistics companies such as carriers, forwarders, shippers/consignees and ground handling companies.

2 AIR CARGO INFORMATION SYSTEM

AIRCIS Service

▷ Through AIRCIS

- **Forwarders** can provide a better service to customers and to improve competitive advantages by utilizing air cargo information.
- **Shippers/Consignees** can be provided with visibility by real time freight status information. (for supply chain management).
- **Carriers** can obtain air cargo data in real time, and have the opportunity to develop a communication channel with the forwarder.

AIRCIS WEB SERVICE

e-Cargo

- **e-Booking, real-time tracking, flight schedule** : access to multiple airlines through a single website
- **Customs Service for AMS, EU-ICS** : fast, reliable electronic transmission of the House Air Waybill Consolidation List
- **e-Freight** : Transmission of e-AWB data required for the paperless air cargo process.
- **Terminal handling information:** the ground handling information of the carriers operating at Incheon International Airport.

Additional services

- **Transport statistics:** Air cargo statistics by carrier, destination, and forwarder provided IATA.
- **Logistics information** : Cargo handling facility at Incheon International Airport, and air cargo-relate laws and regulations.
- **Carrier code** : Nationality and code of airlines.
- **Airport code** : The code and full name of major airports.

AIRCIS LINK SERVICE

Forwarder
Forwarder's business Handling system | Airline Web Site | AIRCIS Web Site | Customs Web Site
Carrier | Customs
AIRCIS LINK Service
Forwarder
Forwarder's business Handling system | AIRCIS LINK
Carrier | Customs

- · Integrated solution for host-to-host communication between all logistics partners
- · One-click reservation and automated shipment status update.
- · Direct transmission of the master air waybill data for e-Freight.
- · Visibility service implementation in the forwarder's internal business system by the interface between transport and departure/arrival information.

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3 AIR CARGO INFORMATION SYSTEM

Vision

▷ Vision

AIRCIS will improve and develop into the world's best air cargo information system, and will strengthen the competitiveness of the air cargo industry in Korea.

Visibility Service · RFID Service · Links with the IATA · Links with overseas airports · Links with overseas CCS networks · e-Freight Service · Community service · Realizing **the world's best** air cargo information system · Smart-phone Service · Increases link with forwarders · Standardization · Integration · Diversification · Logistics statistics service · Links with the Korea Customs Service

AIRCIS will grow with carriers, forwarders, shippers/consignees, and ground handling companies.

▷ Using AIRCIS

How to use

Website - Visit http://www.aircis.kr to join the membership.

Direct link with the forwarder's business handling system
- Install the data transmission partner solution that is connected to the AIRCIS LINK(AIRCIS's Messaging Center)

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