



Airport operational database (AODB) now live at KIX - Centrally managed airport information for more optimal operations -

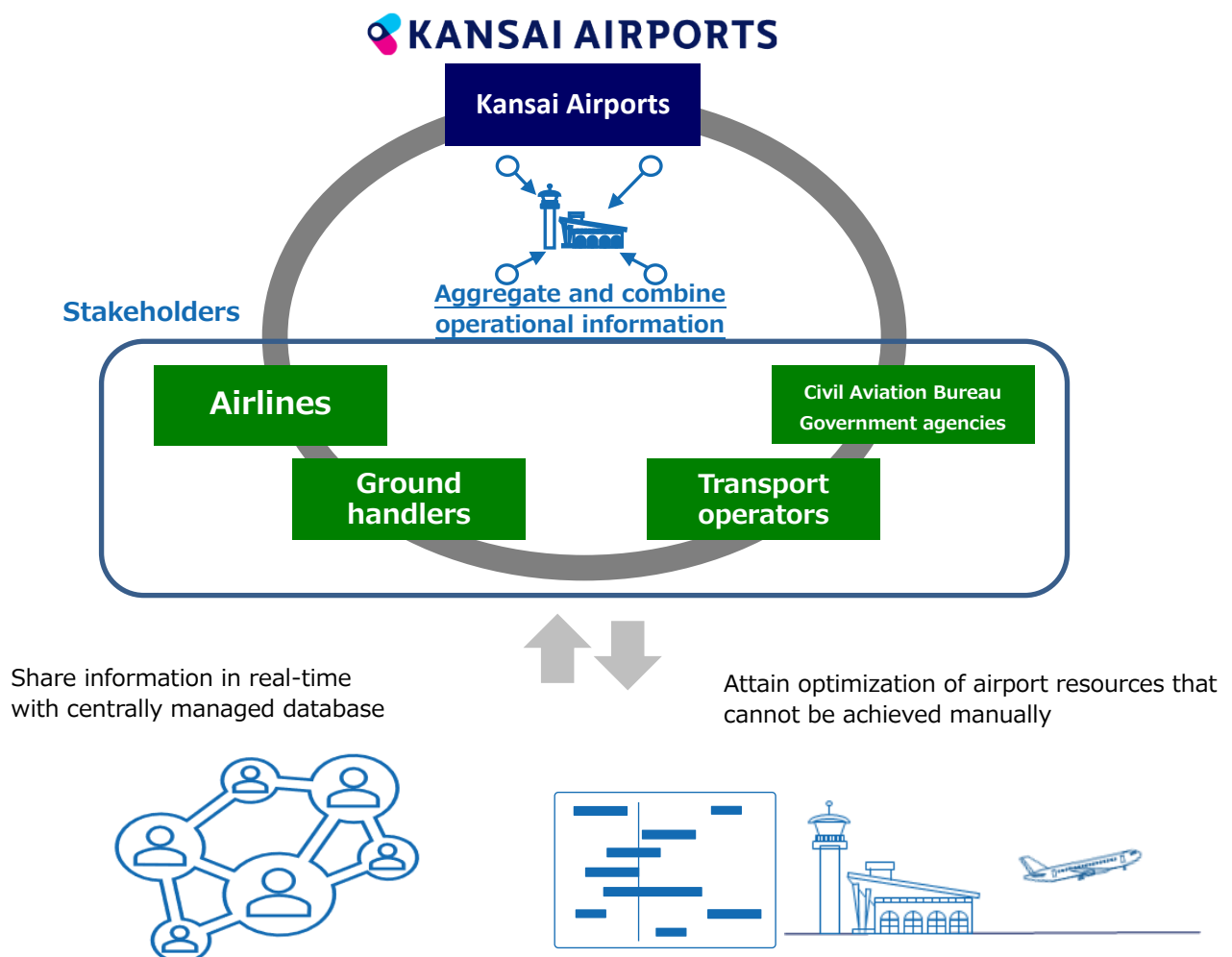
Kansai Airports is pleased to announce that the airport operational database (AODB) has been in place since February 9, 2022.

AODB is the central database that allows us to aggregate and integrate various data related to airport operations. It connects systems and databases that had functioned as stand alone, enabling us to share information in real time with airport stakeholders, including the Civil Aviation Bureau, airlines, and transport operators. We will first use this new database for the allocation of aircraft stands and gates and information sharing with airlines and ground handlers, and gradually expand its functions. By using data effectively, we aim to optimize the allocation of airport resources such as aircraft stands and check-in counters by the time of the Osaka-Kansai Expo in 2025.

Kansai Airports Group is committed to expanding its aviation network to deliver a more convenient, comfortable and pleasant travel experience for all guests.

○ Launch: Wednesday, February 9, 2022

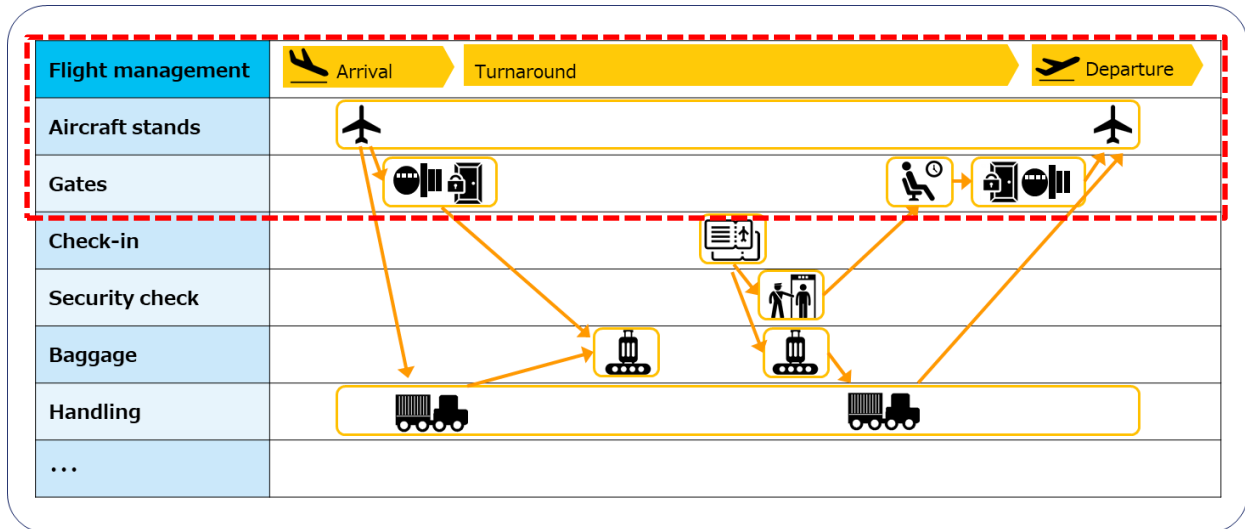
Airport Operations with AODB (final vision)



Expected outcomes

Improving airport operation efficiency and passenger flows

In addition to allocating check-in counters and aircraft stands, AODB centrally manages various flight-related data, such as passenger and other progress information. By sharing such information with airport stakeholders, we aim to improve the efficiency of airport operations and passenger flows.



Inside the red dotted box: Functions available since February 9

Efficient and labor-saving operation by utilizing KPIs and automating assignments

With AODB that automatically presents efficient allocations based on set rules and KPIs, we aim to save labor required for allocation activities and facilitate efficient use of airport resources.

Contact Information

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about KAP-AODB

AODB: Airport Operational DataBase

AODB の概要

- ・ 空港オペレーションのための統合データベース・一元管理
- ・ これまで個別に構成されていたシステムやデータベースを統合して同じ情報を共有
- ・ スポットやチェックインカウンターのようなリソースの運用最適化を実現
- ・ 空港運用の効率化による旅客フローの改善

AODB の活用シーン

計画 (Planning, Pre Operation)

- ・ リソースの割当シミュレーション
- ・ 混雑予測に基づく要員配置

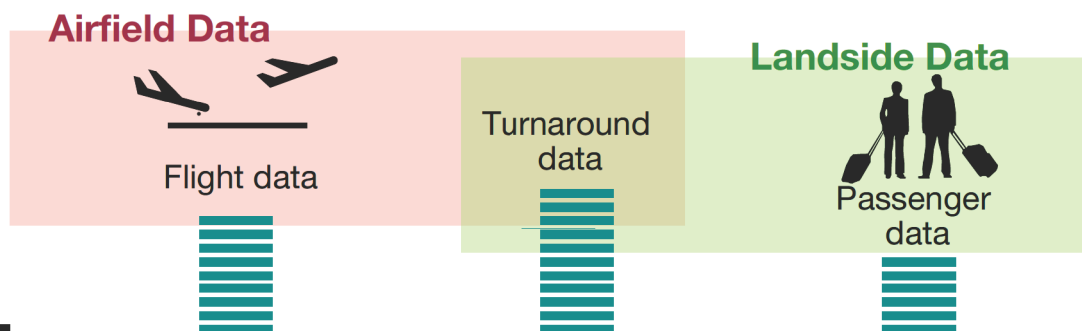
デイリーオペレーション (Real-time)

- ・ リアルタイムでのモニタリング
- ・ 遅延やイレギュラーなどのフライト情報の共有
- ・ 同じデータの共有による協調的な意思決定

実績 (Post Operation)

- ・ データ分析と対策・改善への反映

■ AODB を活用した空港運用のイメージ



AODB Flight data management

空港運用情報の集約・一元化

- 【フライト情報】【Stand・Gateアサイン】
- 【Check-in】【旅客】【BHS】【受託手荷物】
- 【料金請求】【キャパシティ分析】 etc.

FRMS
Resource management

- FIDS (Flight info)
- Billing
- Capacity Analysis
- Reporting
- Stand Allocation
- Gate Allocation
- Check-in Allocation
- Belt/Chutes Allocation

KANSAI AIRPORTS

リアルタイムでの
情報共有

Stakeholder

航空会社

航空局・
官公庁等

ハンドリング

アクセス機関等

- ・ 旅客情報
- ・ ハンドリング作業等の進行情報



Kansai Airports was established by a consortium made up of VINCI Airports and ORIX Corporation as its core members. Kansai Airports took over the operations of Kansai International Airport (“KIX”) and Osaka International Airport (“ITAMI”) from New Kansai International Airport Company (“NKIAC”) and has been operating the two airports since April 1, 2016.

Kansai Airports Kobe, Kansai Airports’ wholly-owned subsidiary, took over the operations of Kobe Airport (“KOBE”) from Kobe City and started its business as an operating company on April 1, 2018.

Under the concept of “One Kansai Airports Group”, Kansai Airports group strives to continuously improve its services for all airport guests through appropriate investments and efficient operations, with safety and security being the top priority. Kansai Airports group aims to maximize the potential of the three airports, for the benefit of the communities they serve.

For more information, please visit : <http://www.kansai-airports.co.jp/en/>

Kansai Airports

Location	1-banchi, Senshu-kuko kita, Izumisano-shi, Osaka	Shareholders	ORIX 40%, VINCI Airports 40%, Other investors 20% ¹
Company Representatives	Representative Director and CEO:Yoshiyuki Yamaya Representative Director and Co-CEO: Benoit Rulleau		
Business Scope	Operation and management services, etc. of Kansai International Airport and Osaka International Airport		

Kansai Airports Kobe

Location	1-ban, Kobe-kuko, Chuo-ku, Kobe-shi, Hyogo	Shareholder	Kansai Airports 100%
Company Representatives	Representative Director and CEO: Yoshiyuki Yamaya Representative Director and Co-CEO: Benoit Rulleau		
Business Scope	Operation and management services, etc. of Kobe Airport		



About ORIX:

ORIX Corporation (TSE: 8591; NYSE: IX) is a financial services group which provides innovative products and services to its customers by constantly pursuing new businesses.

Established in 1964, from its start in the leasing business, ORIX has advanced into neighboring fields and at present has expanded into lending, investment, life insurance, banking, asset management, automobile related, real estate and environment and energy related businesses. Since entering Hong Kong in 1971, ORIX has spread its businesses globally by establishing locations in 31 countries and regions across the world.

Going forward, ORIX intends to utilize its strengths and expertise, which generate new value, to establish an independent ORIX business model that continues to evolve perpetually. In this way, ORIX will engage in business activities that instill vitality in its companies and workforce, and thereby contribute to society. For more details, please visit our website: <https://www.orix.co.jp/grp/en/>

(As of March 31, 2021)



The world’s leading private airport operator, VINCI Airports operates 53 airports in 12 countries in Europe, Asia and the Americas. Thanks to its expertise as a global integrator, VINCI Airports develops, finances, builds and manages airports by providing its investment capacity and its know-how in optimizing operational performance, modernizing infrastructures and managing their operations. environmental transition. VINCI Airports is the first airport operator to have committed to an international environmental strategy in 2016, to achieve the goal of net zero emissions across its entire network by 2050.

www.vinci-airports.com

¹ ASICS Corporation; Iwatani Corporation; Osaka Gas Co., Ltd.; Obayashi Corporation; OMRON Corporation; The Kansai Electric Power Company, Incorporated; Kintetsu Group Holding Co., Ltd.; Keihan Holdings Co., Ltd.; Suntory Holdings Limited; JTB Corp.; Sekisui House, Ltd.; Daikin Industries, Ltd.; Daiwa House Industry Co., Ltd.; Takenaka Corporation; Nankai Electric Railway Co., Ltd.; NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION; Panasonic Corporation; Hankyu Hanshin Holdings, Inc.; Rengo Co., Ltd.; The Senshu Ikeda Bank, Ltd.; Kiyo Holdings, Inc.; The Bank of Kyoto, Ltd.; THE SHIGA BANK, LTD.; The Nanto Bank, Ltd.; Nippon Life Insurance Company; Mizuho Bank, Ltd.; Sumitomo Mitsui Trust Bank, Limited; MUFG Bank, Ltd.; Resona Bank, Limited; and the Private Finance Initiative Promotion Corporation of Japan.