



 Ministry of Land, Infrastructure, Transport and Tourism
JAPAN CIVIL AVIATION BUREAU

Update on SWIM Implementation in Japan

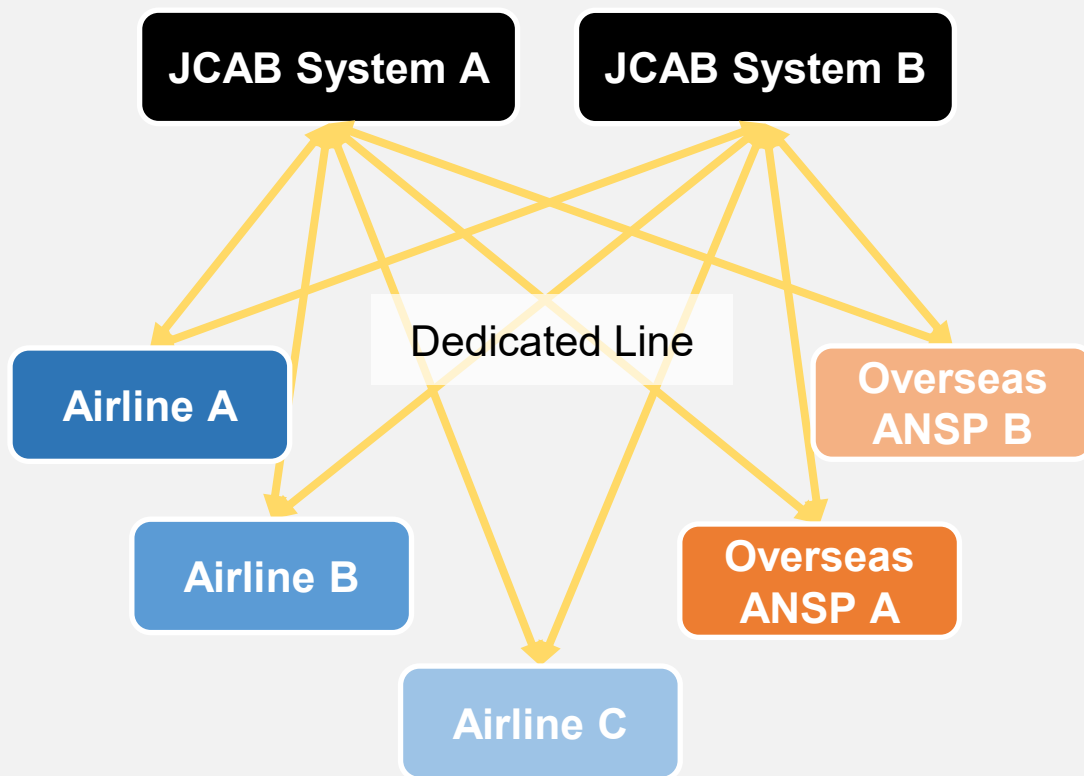
Tomoya Takahashi

Japan Civil Aviation Bureau
Operations and Flight Inspection Division

- 01 | Overview of SWIM in Japan**
- 02 | Usage stats**
- 03 | Timeline**
- 04 | JCAB SWIM Governance**
- 05 | SWIMEE - SWIM Education and Enhancement team -**
- 06 | Information Service Demonstration**

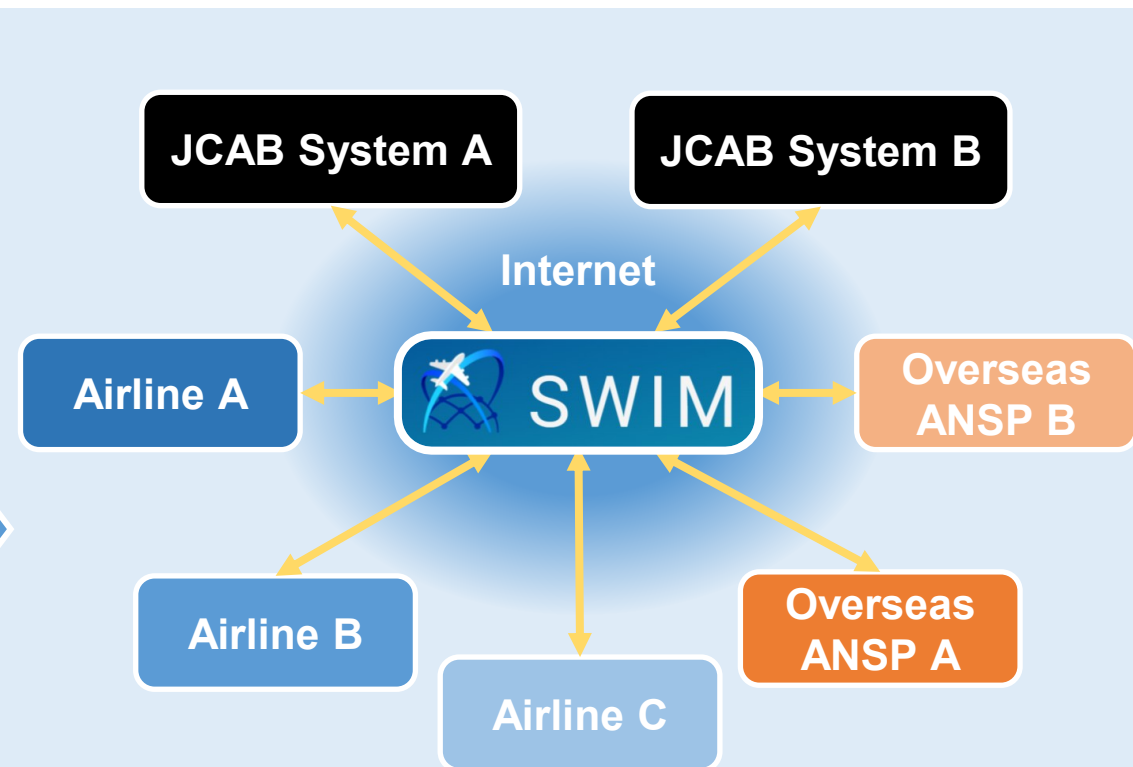
Overview of SWIM in Japan

Before SWIM



One-to-one
Text-based information

After SWIM



Many-to-many
Digital information

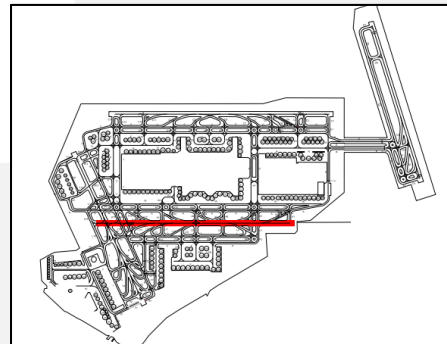
Overview of SWIM in Japan - What has changed?-

Information

Text

(3723/25 NOTAMN
Q)RJJJ/QMRLC/IV/NBO/A/000/999/3533N13947E005
A)RJTT B)2601031430 C)2601312100
D)03-05 07 10-12 14 17-19 21 24-
26 28 31 1430/2100
E)RWY 16R/34L-CLSD DUE TO MAINT
RMK/SEE AIP RJTT AD2.23)

Graphic



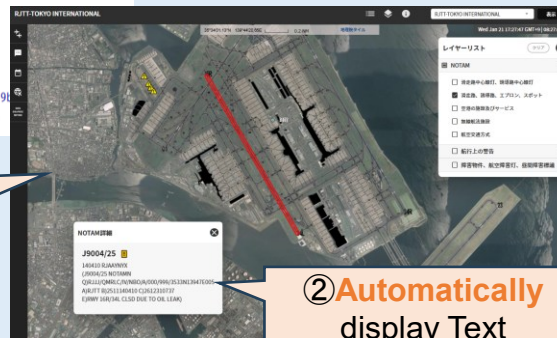
① Read NOTAM

② Draw graphic

AIXM

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xmlns:event="http://www.aixm.aero/schema/5.1/event" xmlns:xlink="http://www.w3.org/1999/xlink" gml:id="u000001">
  <message:hasMember>
    <aixm:RunwayDirection gml:id="id.35081c95-45d5-4570-808f-09d09eb45c8c">
      <gml:identifier codeSpace="urn:uid:">35081c95-45d5-4570-808f-09d09eb45c8c</gml:identifier>
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        <aixm:RunwayDirectionTimeSlice gml:id="id.6f60ad67-32ba-428a-bc28-ba2208ad170d">
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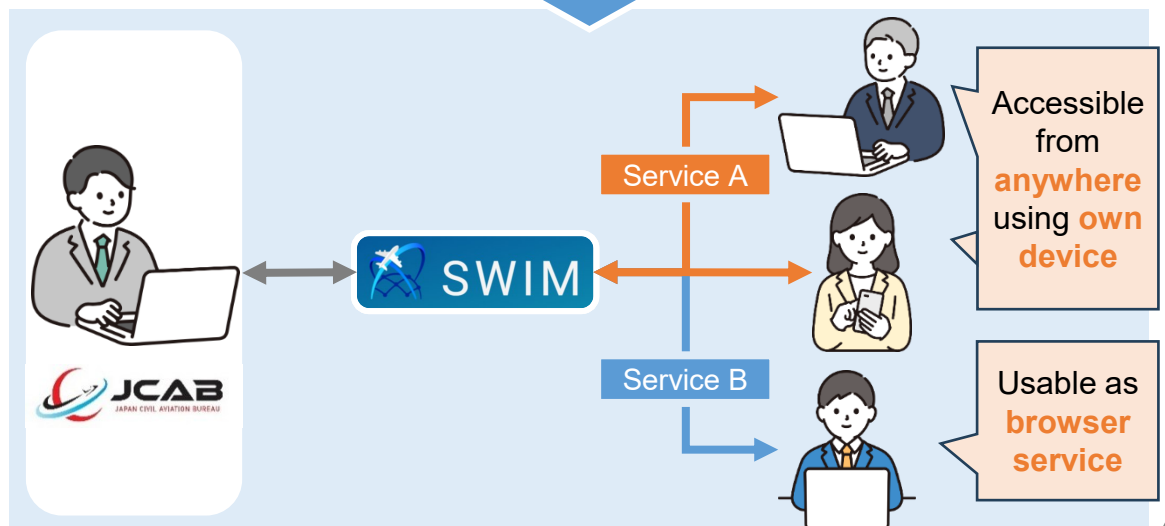
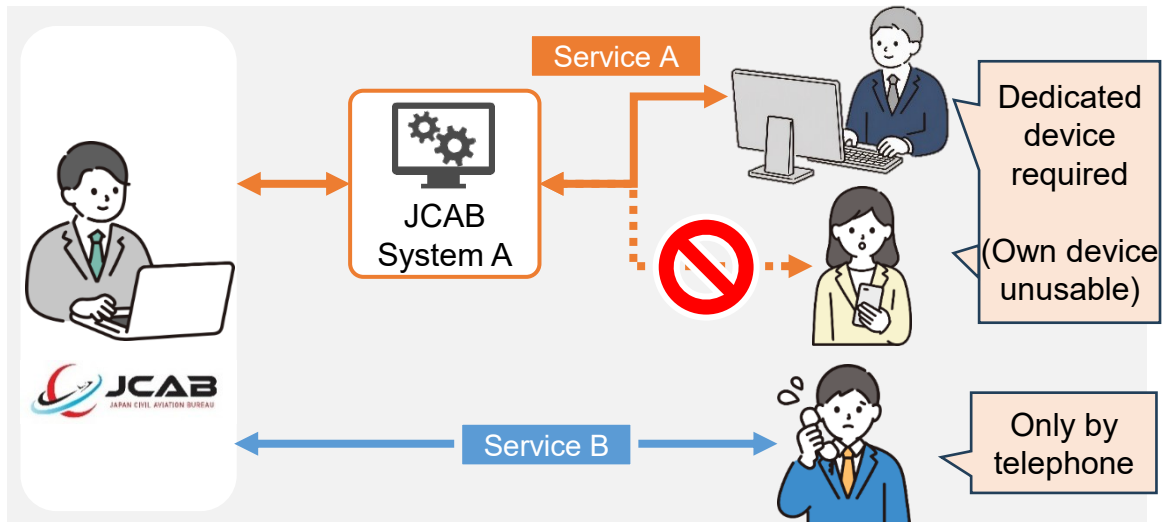
Text and Graphic



① Automatically draw graphic

② Automatically display Text

User

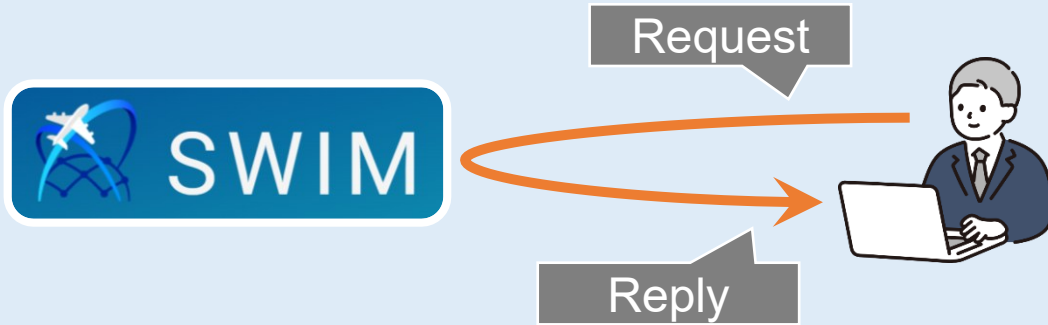


Before SWIM

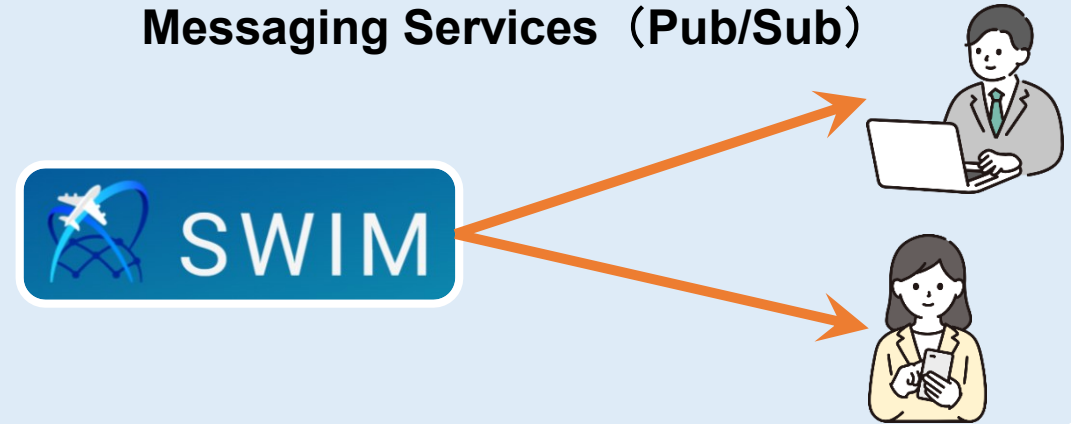
After SWIM

The Information Services : 20 services

Web Services (Browser/Web API)



Messaging Services (Pub/Sub)



AIS
(AIP,NOTAM)



ATIS



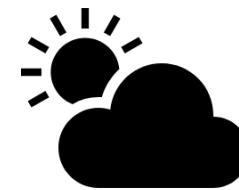
ATS



PIREP



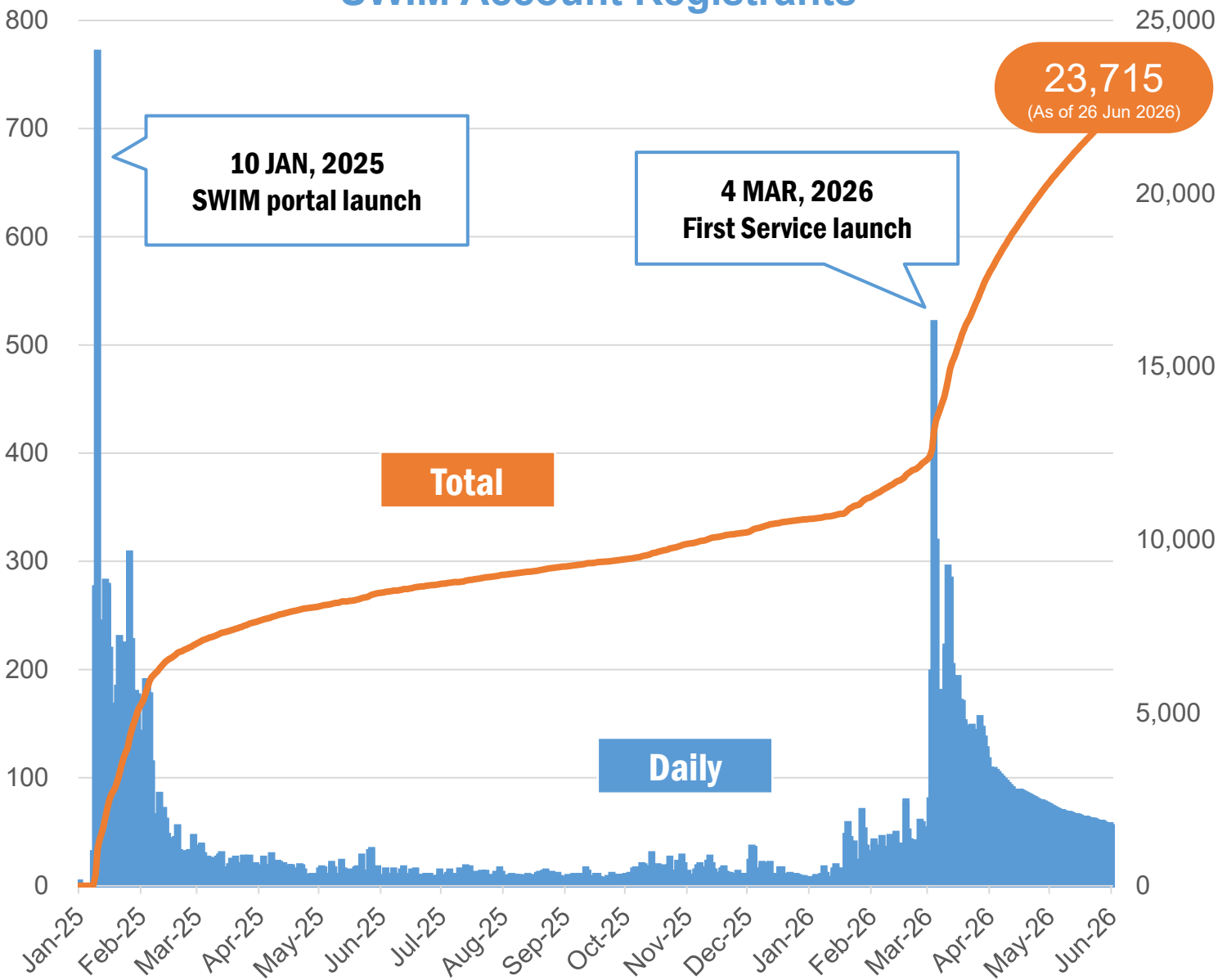
Weather



Others



SWIM Account Registrants



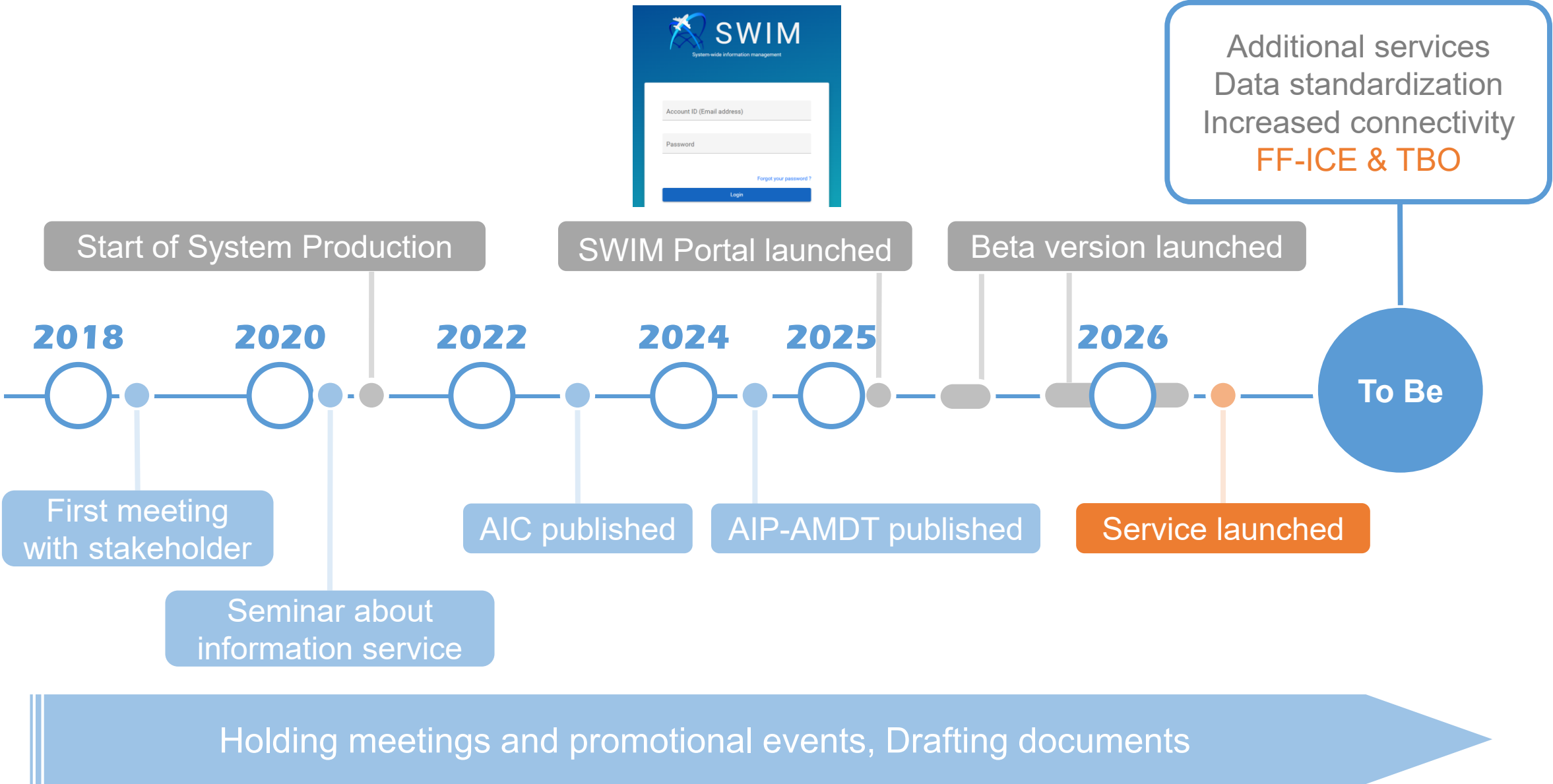
Category	Services	Accounts
 AIS (AIP, NOTAM)	AIP Browsing	9336
	Digital NOTAM Request	7144
	AIP File Download	6752
	AIP Data Distribution	17
	Digital NOTAM Distribution	14
 ATIS	ATIS Information Request	2303
 ATS	Flight Plan Filing	446
	ATS Information Request	17
 Others	Airspace Profile	3907
	Airport Profile	1264
	Slot Request	300

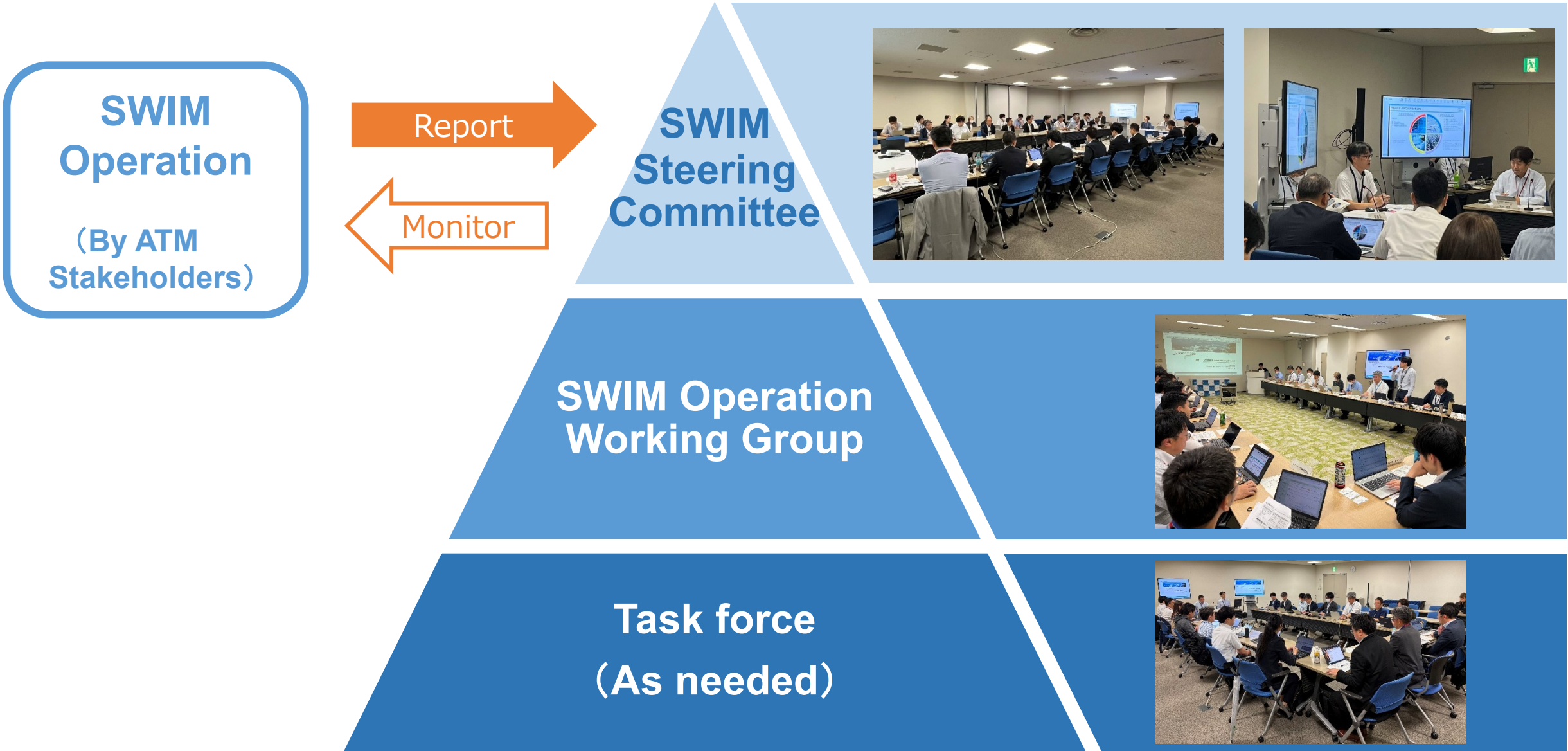
(Top registered services only)

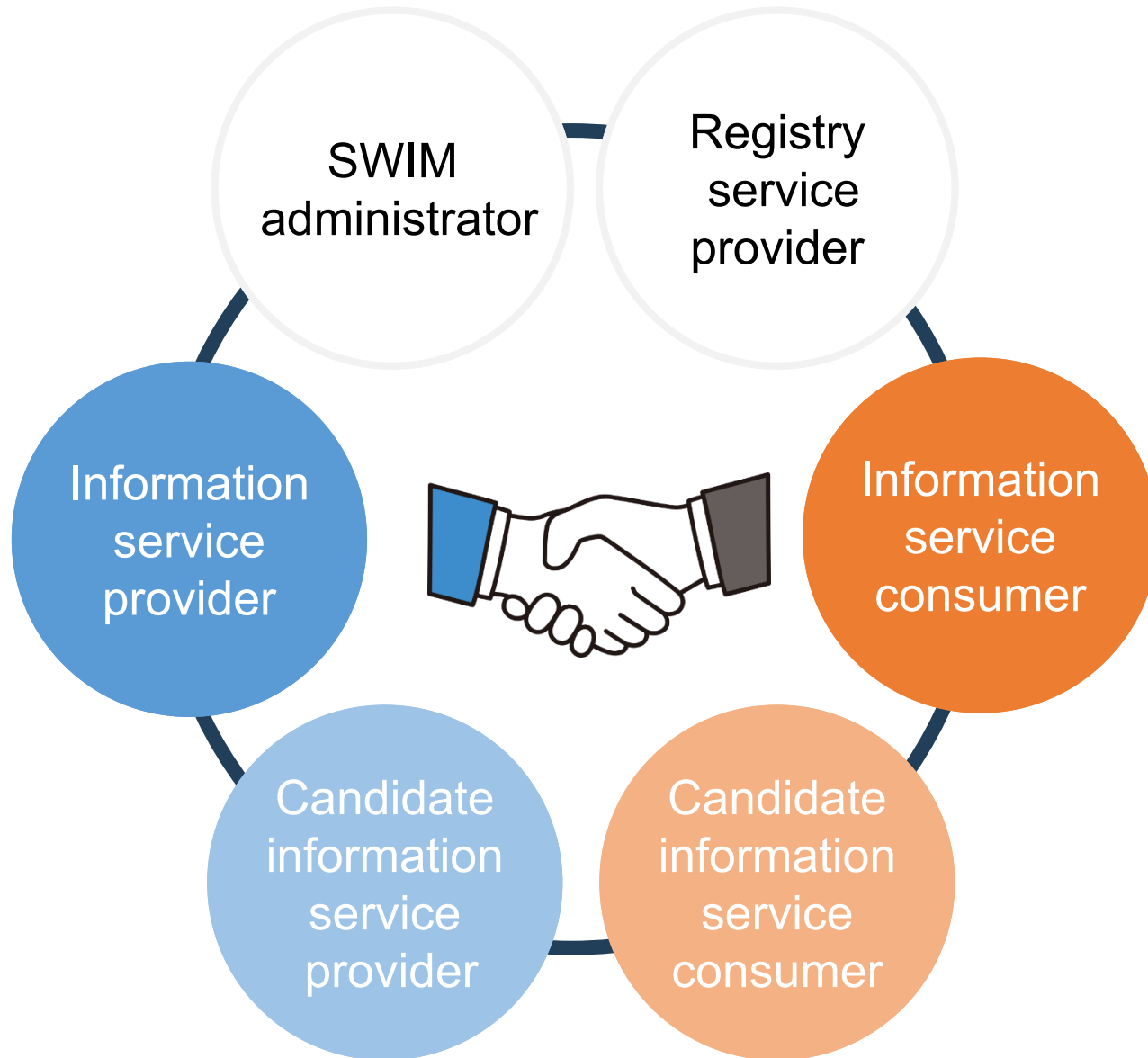
Timeline

System Integration

Operational Preparation









Account ID (Email address)

hqt-rjtd-swim-unyo@ki.mlit.go.jp

Password

.....

[Forgot your password ?](#)

Login

Thank you for your attention.

Questions and Comments?

JCAB SWIM Portal



<https://top.swim.mlit.go.jp/swim/>