

PKI Progress in the first half of the year 2024 in Japan

June 14, 2024

**GMO GlobalSign K.K.
Atsushi INABA**

1. Government related Updates

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- (2) EU-Japan Memorandum of Cooperation on Digital Identities and Trust services to implement Data Free Flow with Trust

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 - Number of Individual Number Cards Held
 - News : My number card function will be added to iPhone
- (2) Trust services involving the government
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1. Government related Updates

(1) EU and Japan advance joint work on digital identity, semiconductors, artificial intelligence



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PRESS RELEASE | Publication 30 April 2024

EU and Japan advance joint work on digital identity, semiconductors, artificial intelligence

The EU and Japan held their second Digital Partnership Council in Brussels.

[Cited from : https://digital-strategy.ec.europa.eu/en/news/eu-and-japan-advance-joint-work-digital-identity-semiconductors-artificial-intelligence](https://digital-strategy.ec.europa.eu/en/news/eu-and-japan-advance-joint-work-digital-identity-semiconductors-artificial-intelligence)

Joint Statement of the second meeting of the European Union - Japan Digital Partnership Council

Joint Statement of the second meeting of the European Union - Japan Digital Partnership Council

The second meeting of the European Union - Japan Digital Partnership Council took place in Brussels on 30 April 2024. The meeting was co-chaired by the European Commissioner for the Internal Market, Thierry BRETON, the Japanese Minister for Digital Transformation KONO Taro, the Minister of Internal Affairs and Communications, MATSUMOTO Takeshi, and the Parliamentary Vice-Minister of Economy, Trade and Industry ISHII Taku.

The European Union and Japan (hereinafter referred to as "both sides") reaffirmed the importance of the ever-closer strategic partnership between the European Union and Japan in upholding the free and open international order based on the rule of law and in promoting their shared values and vision for the digital transformation including human-centric approach to digital transformation and respect for fundamental rights. Both sides took stock of progress since the first meeting of the European Union-Japan Digital Partnership Council (Tokyo, 3 July 2023) and announced new deliverables. They also highlighted the importance of stronger stakeholder engagement including through the EU-Japan Business Round Table and dedicated initiatives of the EU-Japan Center for Industrial Cooperation.

The following topics were discussed:

1. Promoting a common stance on Data Free Flow with Trust

Both sides welcome the launch of the Institutional Arrangement for Partnership, including the establishment of the DFFT Expert Community at the OECD which will facilitate and advance Data Free Flow with Trust on the basis of concrete projects and best practices coming from both the technological and legal fields building on the recent bilateral agreement on cross-border data flows. Both sides continue to cooperate on further strengthening the Institutional Arrangement for Partnership including at the OECD Ministerial Council Meeting 2-3 May 2024. Commissioner Breton and Minister Kono signed a Memorandum of Cooperation on Digital Identity and Trust services that may be presented at the OECD including the Ministerial Council Meeting on 2-3 May 2024 as a bilateral best practice to facilitate Data Free Flow with Trust.

Both sides welcomed the ongoing discussion to expand the scope of the EU adequacy decision for Japan to academia and the public sector. This development could further boost research and regulatory cooperation, to the advantage of both sides. Both sides will also continue working on promoting convergence between their regulatory approaches to data flows in order to foster interoperability, in particular through cooperation on instruments such as model contractual clauses.

2. Bilateral cooperation on data governance

Both sides will continue cooperation with a view to promoting interoperability among Common European data spaces and Japan data spaces (including DATA-EX and Ourano: Ecosystem) involving their respective industry associations. This cooperation will also cover standardisation in this area.

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"Both sides took stock of progress since the first meeting of the European Union-Japan Digital Partnership Council (Tokyo, 3 July 2023)"

The following topics were discussed.

- 1.Promoting a common stance on Data Free Flow with Trust**
- 2.Bilateral cooperation on data governance**
- 3.Semiconductors**
- 4.Submarine cables**
- 5.HPC/Quantum Computers**
- 6.Cybersecurity**
- 7.5G, Beyond 5G/6G**
- 8.Artificial Intelligence**
- 9.Online Platforms**
- 10.Next Digital Partnership Council meeting**

Cited from : <https://digital-strategy.ec.europa.eu/en/library/joint-statement-second-meeting-european-union-japan-digital-partnership-council>

(2) EU-Japan Memorandum of Cooperation on Digital Identities and Trust services to implement Data Free Flow with Trust



The screenshot shows the European Commission website. At the top, there is a header with the European Commission logo, a language selector set to 'English', and a search bar. Below the header is a dark blue navigation bar with the text 'Shaping Europe's digital future' and a menu of links: Home, Policies, Activities, News, Library, Funding, Calendar, Consultations, and AI Office. The main content area has a breadcrumb trail: Home > Library > EU-Japan Memorandum of Cooperation on Digital Identities and Trust services to implement Data Free Flow with Trust. Below this, it indicates 'POLICY AND LEGISLATION | Publication 30 April 2024'. The title of the document is 'EU-Japan Memorandum of Cooperation on Digital Identities and Trust services to implement Data Free Flow with Trust'. The text describes the Memorandum of Cooperation, stating that it describes how the Digital Agency of Japan and the European Commission intend to take collaborative actions on digital identity to facilitate Data Free Flow with Trust. It also mentions that the Memorandum should be implemented through collaborative actions that build shared commitment on digital identity initiatives and complement the benefits deriving from trust services. An illustration of two hands holding the European Union flag and the Japanese flag is shown on the right side of the text.

European Commission

English

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Home > Library > EU-Japan Memorandum of Cooperation on Digital Identities and Trust services to implement Data Free Flow with Trust

POLICY AND LEGISLATION | Publication 30 April 2024

EU-Japan Memorandum of Cooperation on Digital Identities and Trust services to implement Data Free Flow with Trust

This Memorandum of Cooperation describes how the Digital Agency of Japan and the European Commission intend to take collaborative actions on digital identity in order to facilitate Data Free Flow with Trust.

The Memorandum should be implemented through a number of collaborative actions that will build shared commitment on digital identity initiatives and complement the benefits deriving from trust services. The objective is to yield positive impacts not only for international trade and electronic commerce, but also for improved delivery of essential services and opportunities for trusted research collaborations by cutting red tape and boosting efficiency.



Cited from : <https://digital-strategy.ec.europa.eu/en/library/eu-japan-memorandum-cooperation-digital-identities-and-trust-services-implement-data-free-flow>

Memorandum of Cooperation on Digital Identities and Trust services to implement Data Free Flow with Trust *between the European Commission on behalf of the European Union and the Digital Agency of Japan*



Memorandum of Cooperation

on Digital Identities and Trust services to implement Data Free Flow with Trust

between the European Commission on behalf of the European Union and the Digital Agency of Japan

Introduction

The European strategy for data sets out the vision to create a genuine internal market for data, where data flows freely across sectors and countries, in line with European rules and values, and data-driven innovation is embraced by society.

Moreover, Japan's Priority Policy Programme for Realising Digital Society calls to implement the vision of Society 5.0 and work on materialising the concept of "Data Free Flow with Trust" (DFFT) in line with the G7 Hiroshima Leaders' Communiqué and the G7 Digital and Tech Ministers' Declaration adopted in Takasaki, Gunma in 2023 for maximising the benefit of data flows.

Both sides recognise that the ability to ensure transnational data flows with trust is essential for economic growth and innovation. In this regard, both sides share the view that trust should be built and realised through collaborative actions supported by various tools such as international agreements, legal frameworks, guidelines, standards, technologies and other means that are transparent and preserve the regulatory autonomy of both sides, in particular in the area of data protection and privacy.

As regards technologies enhancing trust, both sides share the view that secure and reliable digital identification means are crucial for trusted digital interactions among citizens, businesses and public authorities.

On the occasion of the first meeting of the EU-Japan Digital Partnership Council on 3 July 2023, both sides concurred "to promote bilateral best practices in international fora such as the G7, G20 and the Organisation of Economic Cooperation and Development (OECD) enabling Data Free Flow with Trust through the use of eID, the Trusted Web, Digital Identity Wallet and Trust Services".

The EU Digital Identity Wallet as a harmonised electronic identification tool across the European Union will offer a seamless, fully mobile, secure and user-convenient way to EU citizens, residents and businesses to identify themselves or provide confirmation of certain personal information for both online and offline public and private services across the EU. It provides a platform for innovative Trust Services.

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Transformation

“Both sides recognise that the ability to ensure transnational data flows with trust is essential for economic growth and innovation. In this regard, both sides share the view that trust should be built and realised through collaborative actions supported by various tools such as international agreements, legal frameworks, guidelines, standards, technologies and other means that are transparent and preserve the regulatory autonomy of both sides, in particular in the area of data protection and privacy.”

Cited from : <https://digital-strategy.ec.europa.eu/en/library/eu-japan-memorandum-cooperation-digital-identities-and-trust-services-implement-data-free-flow>

(1) Individual Number Card related topics

- Number of Individual Number Cards Issued/Held

< As of the end of April 2023 >

Population as of
January 1, 2022

125,927,902

Number of
Cards held

87,865,814

Percentage of the
population served

69.8%



< As of the end of April 2024 >

Population as of
January 1, 2023

125,416,877

Number of
Cards held

92,378,034

Percentage of the
population served

73.7%

Cited from : https://www.soumu.go.jp/kojinbango_card/kofujokyo.html

(1) Individual Number Card related topics

- News : My number card function will be added to iPhone next year

The following announcement was made at the Chief Cabinet Secretary's press conference on the morning of May 30.

“Today, Prime Minister held a television meeting with the CEO of Apple. During this meeting, they confirmed plans to integrate the functionality of the My Number Card into iPhones starting next spring. The specific details will be announced as soon as possible. By enabling the My Number Card functionality on smartphones, both iOS and Android users will benefit from increased convenience. For further information, you can inquire with the Digital Agency. ”

Note: A personal English translation based on the Japanese description on the “Prime Minister's office of Japan” website.

Cited from : Press Conference by Chief Cabinet Secretary (May. 30 - Morning)
https://japan.kantei.go.jp/tyoukanpress/202405/30_a.html

(2) Trust services involving the government - eSeal

On April 16, 2024, The Ministry of Internal Affairs and Communications made the following announcement

“Release of Final Report of the Study Group on e-Seal and Results of Solicitation for Opinions”

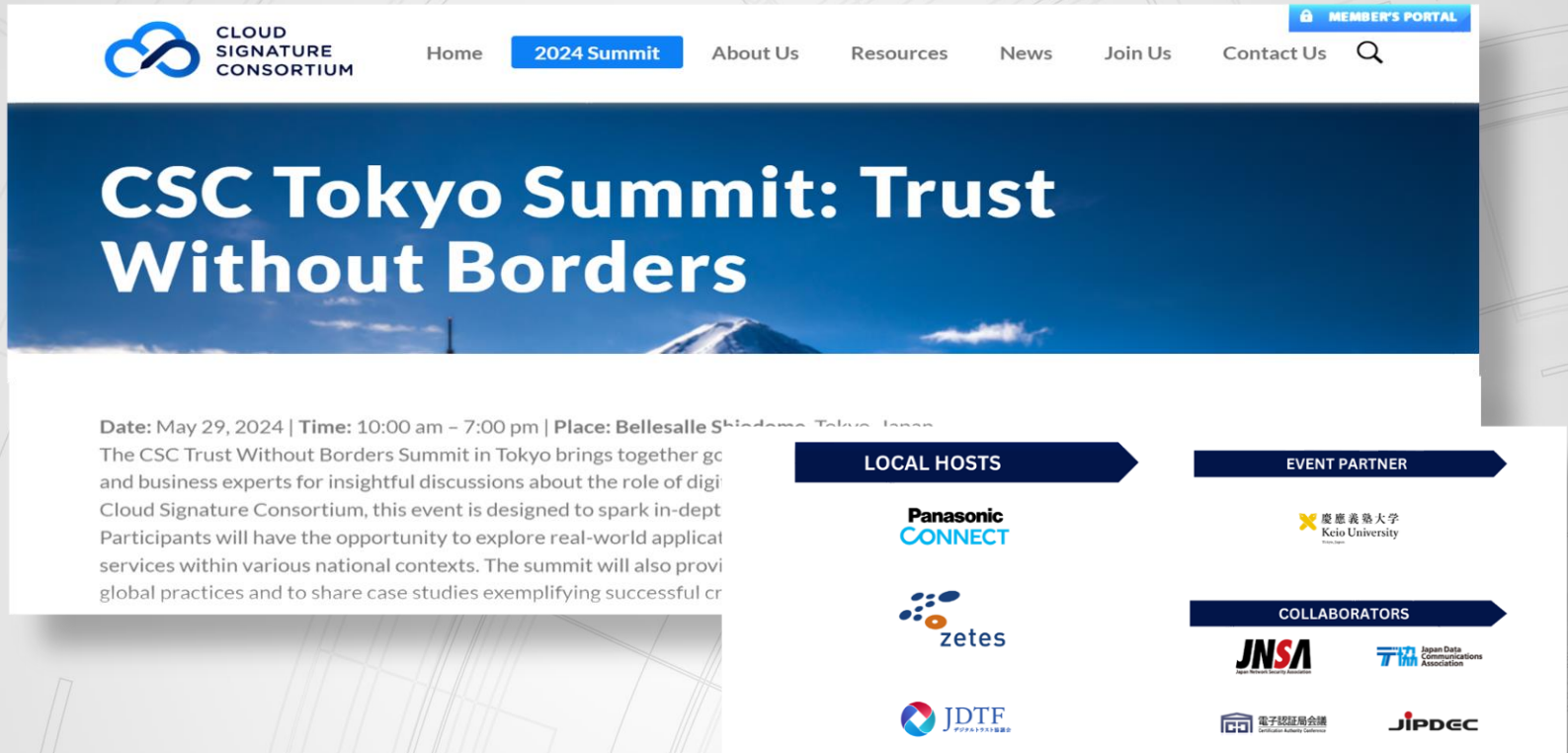
The Ministry of Internal Affairs and Communications (MIC) solicited opinions on a draft final report compiled by the Study Group on e-Seal (Chaired by TEZUKA Satoru, Professor at the Faculty of Environment and Information Studies, Keio University), which summarized the results of studies conducted by the Study Group on e-Seal, from Friday, March 8, 2024, through Wednesday, March 27, 2024. Based on the opinions submitted, the study group formulated the “Final Report of the Study Group on e-Seal and Results of Solicitation for Opinions.”

Note: A personal English translation based on the Japanese description on the “Ministry of Internal Affairs and Communications” website.

Cited from : https://www.soumu.go.jp/menu_news/s-news/01cyber01_02000001_00203.html

2. Updates in the Private Sector

◆ The Cloud Signature Consortium Event in Tokyo



The screenshot shows the official website for the CSC Tokyo Summit. The header features the Cloud Signature Consortium logo and navigation links: Home, 2024 Summit, About Us, Resources, News, Join Us, Contact Us, and a Member's Portal. The main banner reads "CSC Tokyo Summit: Trust Without Borders". Below this, event details are provided: Date: May 29, 2024 | Time: 10:00 am – 7:00 pm | Place: Bellesalle Shiodome Tokyo, Japan. A paragraph describes the summit's purpose: "The CSC Trust Without Borders Summit in Tokyo brings together go and business experts for insightful discussions about the role of digital Cloud Signature Consortium, this event is designed to spark in-dept Participants will have the opportunity to explore real-world applications services within various national contexts. The summit will also provide global practices and to share case studies exemplifying successful cr". To the right, there are three sections: "LOCAL HOSTS" featuring Panasonic CONNECT, zetes, and JDTF; "EVENT PARTNER" featuring Keio University; and "COLLABORATORS" featuring JNSA, Japan Data Communications Association, 電子認証局会議, and JIPDEC.

CLOUD SIGNATURE CONSORTIUM

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CSC Tokyo Summit: Trust Without Borders

Date: May 29, 2024 | Time: 10:00 am – 7:00 pm | Place: Bellesalle Shiodome Tokyo, Japan

The CSC Trust Without Borders Summit in Tokyo brings together go and business experts for insightful discussions about the role of digital Cloud Signature Consortium, this event is designed to spark in-dept Participants will have the opportunity to explore real-world applications services within various national contexts. The summit will also provide global practices and to share case studies exemplifying successful cr

LOCAL HOSTS

- Panasonic CONNECT
- zetes
- JDTF

EVENT PARTNER

- 慶應義塾大学 Keio University

COLLABORATORS

- JNSA
- Japan Data Communications Association
- 電子認証局会議
- JIPDEC

CSC Summit on Advancing Global Interoperability of Identity & Trust Services - 29 May 2024 Tokyo, Japan

Session 1: Implementing Trust & Identity Services in National Contexts

Session 2: The Importance of Global Interoperability of Identity & Trust Services

Session 3: Creating A Positive Environment for Digital Transformation

◆ The Asia PKI Consortium Webinar

- In the webinar, a speaker from Japan spoke about International Mutual Recognition between India, EU and Japan



Webinar: Digital Trust Interoperability

Event from "Business Application Working Group" of APKIC

- The secure and trusted cross-border digital interactions is vital in today's increasingly interconnected world. EU eIDAS, which regulated identity and digital trust, is an excellent interoperability reference framework of PKI and e-signature for cross-border trading and document exchanges.
- This webinar will focus on the trend of digital trust interoperability and share the case of interoperability in Asia.

Asia PKI Consortium

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3. India-EU-JP Collaboration

- Realization of International Mutual Recognition
- Confirmation of the legitimacy of Data, Person, Organization, Thing, Process and Product internationally, including the G20 host country, India

Item	EU	UK	US	Japan	India
1 Legislation	eIDAS	UK-eIDAS	Executive Order 13526.	Public Certification Service for Individuals law Commercial Registration Law Electronic Signature Act	Information Technology Act
2 Accreditation	Two steps of EU Commission, Member States	National body	Federal government	National body	National Regulator - Controller of Certifying Authorities (CCA)
3 Technology Standard	ISO, ETSI	ISO	ISO, NIST	ISO, JIS	CCA / WebTrust
4 Trust Anchor Chain	LoTL, MS TL	UK TL	FBCA	Government BCA	Root Certificate Authority of India (RCAT)

BAWG/APKIC, thank you for the invitation to be a speaker from Japan!

And.....

Thank you very much for your efforts in publishing this excellent report!

Asia PKI Consortium
Business/Case & Applications
Working Group:

Digital Trust International
Development Trend Report

Affiliation: Chinese Taipei PKI & e-Authentication Consortium

March 2024



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Thank you