Japanese Gaverment Recent Policies regarding "Trust service"

- "Trust service" is a mechanism to prevent impersonation or data tampering by proving the origin and integrity of data on the Internet. Examples include "Electronic Signature", "Time Stamp", "eSeal" and "eDelivery".
- ✓ The Digital Agency will discuss the operation of the accreditation system for "Electronic Signatures" and so on.
- ✓ The Ministry of Internal Affairs and Communications (MIC) administers the accreditation system related to "Time Stamp", discusses the administrative system of "eSeal" and so on, under the initiatives by the Digital Agency.

Service Contents

①Electronic Signature

• Mechanism to confirm the will of a signer

An accreditation system is administered by the Government (Act on Electronic Signatures and Certification Business)

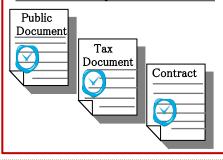




② Time Stamp

•Mechanism to prove the existence of data in a certain point

An accreditation system is administered by the Government



③eSeal

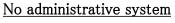
• Mechanism to confirm the origin and integrity of the documents published by the organizations

A technological and operational guidance exists



4eDelivery

• Mechanism to guarantee secure transmission of date





MIC's Policies ■ The Digital Agency has administered the "Act on Electronic Signatures and Certification Business" since its inception in September 1, 2021.

- Started an accreditation system by MIC on April 2021.
- Positioned an accredited "Time Stamp" by MIC in the administrative system of the "Book and Record Keeping" through the Tax reform on FY 2022.
- Published "Guideline for eSeal" on June 2021.
- Established "Review Meeting for eSeal", which discusses multiple topics including the introduction of accreditation system in Japan, on September 2023.

Conducting surveys/studies to examine the possibility of introduction of "eDelivery" in Japan.

Act on Electronic Signatures and Certification Business (e-signature act) (put into effect on April 1, 2001)

• An electronic document is presumed to be duly executed by the signatory if an e-signature which can be created only by the signatory is affixed. (Article 3)

- Under Japanese law, in principle, contracts are <u>valid as long as the</u> <u>parties reach an agreement</u>.
- Originally, under Code of Civil Procedure, a signed "physical" document is presumed to be duly executed.

Definition of e-signature

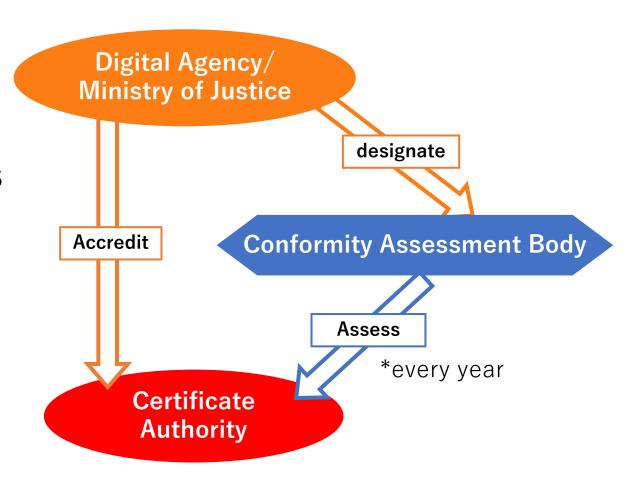
- Definition of e-signature under e-Signature Act (tentative)
 - a measure taken with respect to information recorded in an electronic record which satisfies the two requirements as set out below:
 - the e-signature is affixed on certain electronic data in order to express that the data was made by the person who has affixed such e-signature; and
 - ii. it can be verified that the contents of the data have not been modified after such e-signature was affixed.

CA accreditation system

- 10 CA accredited
- 1 CAB designated (JIPDEC)
- CA accreditation is <u>not</u> <u>mandatory</u> to provide services or have legal effect

<current work>

 Establish criteria for accreditation of <u>remote</u> <u>signature service provider</u>



(Appx.) Bridge Trust Model

