

Digital Notarization Services

Digital Notarization Authority Co., Ltd.

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URL <http://www.jnotary.com/>

Japan Digital Notarization Authority(JN) Overview

- Title : Japan Digital Notarization Authority Co., Ltd.
- Capital : ¥405M
- Major Stock Holder : System Consultant Co., Ltd.
- Established on April 27th, 2000
- Location : Kinshi2-14-6, Sumida-ku, Tokyo 130-0013
- TEL : 81-3-5819-3871, FAX : 81-3-5819-3873
- URL : <http://www.jnotary.com>
- CEO : Makoto Matsuzaki
- Business Area : Digital Notarization Services, Digital Certification Services
- Public License : Digital Notarization Services is an authorized service by Japanese Government

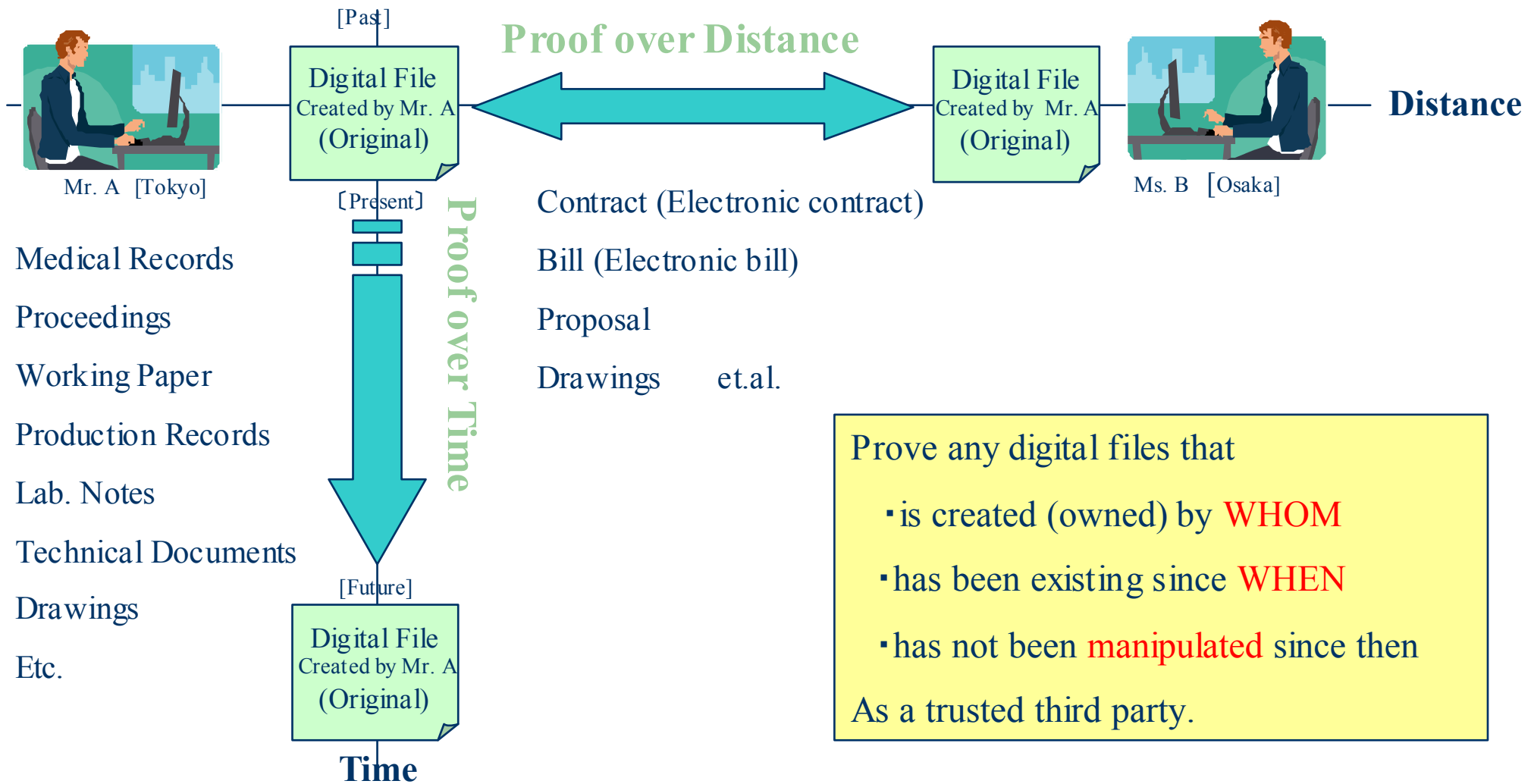
Digital Notarization Service

- Is an ASP Service provided by JN where JN notarizes
 - Who is the owner of the digital file
 - When the file was created
 - Since then the file was not modified at all

As a trusted third party

- Is able to handle any kinds of digital files
- Is provided by the combination of three globally standard technologies
 - Digital Signature
 - Time Stamp
 - Hash Algorithm

Overview of Digital Notarization Services



Evidential Capability of Digital Notarization Services

- Digital Notarization Services are secured by three globally standard technologies
- Denial of Digital Notarization Services requires denial of these three technologies which is virtually impossible

Operation of Digital Notarization Services

- Two mode of Operations
 - Client initiating Operation
 - Integration with System

Client Operation of Digital Notarization Services

- Client is required to install
 - Notarization Agent
 - Proof Agent
 - Digital Certificate
 - License Fileon an Internet-connected Windows PC
- Then ICONs for Notarization Agent and Proof Agent are created on a desktop of PC
- Client is able to utilize Digital Notarization Services by drug&drop any designated digital file on these icons with several additional clicks

Integration with System

- System Option is provided
 - Notarization Agent can be invoked application application programs thru JN provided API
 - JN provides File Management System using this option (separate license)

Operation of Digital Notarization Services

- Operation related with revocation information et. al.
 - when utilizing digital signature and time stamp, user is required to perform associated operations such as obtaining revocation information
- JN performs these operations on behalf of clients
 - Users of our Digital Notarization Services are not required to worry about these cumbersome operations

Safety of using of Digital Notarization Services

- JN receives only a hash value from our clients
 - During Digital Notarization Services, JN received only a hash value which is calculated after our client puts digital signature on the designated digital file
- Irreversibility of Hash Value
 - It is impossible to restore the original file from the hash value
- Ciphering
 - All of communication traffic between client PC and JN systems, and hash value stored into JN systems are ciphered.

Usage Scene of Digital Notarization Services

- Internal Information
 - Notarize confidential information such as technical knowhow, marketing knowhow, intellectual properties etc.
or information which exist only inside a company such as daily report, meeting minutes, etc.
 - To prepare against any future potential risk

Usage Scene of Digital Notarization Services (cont'd.)

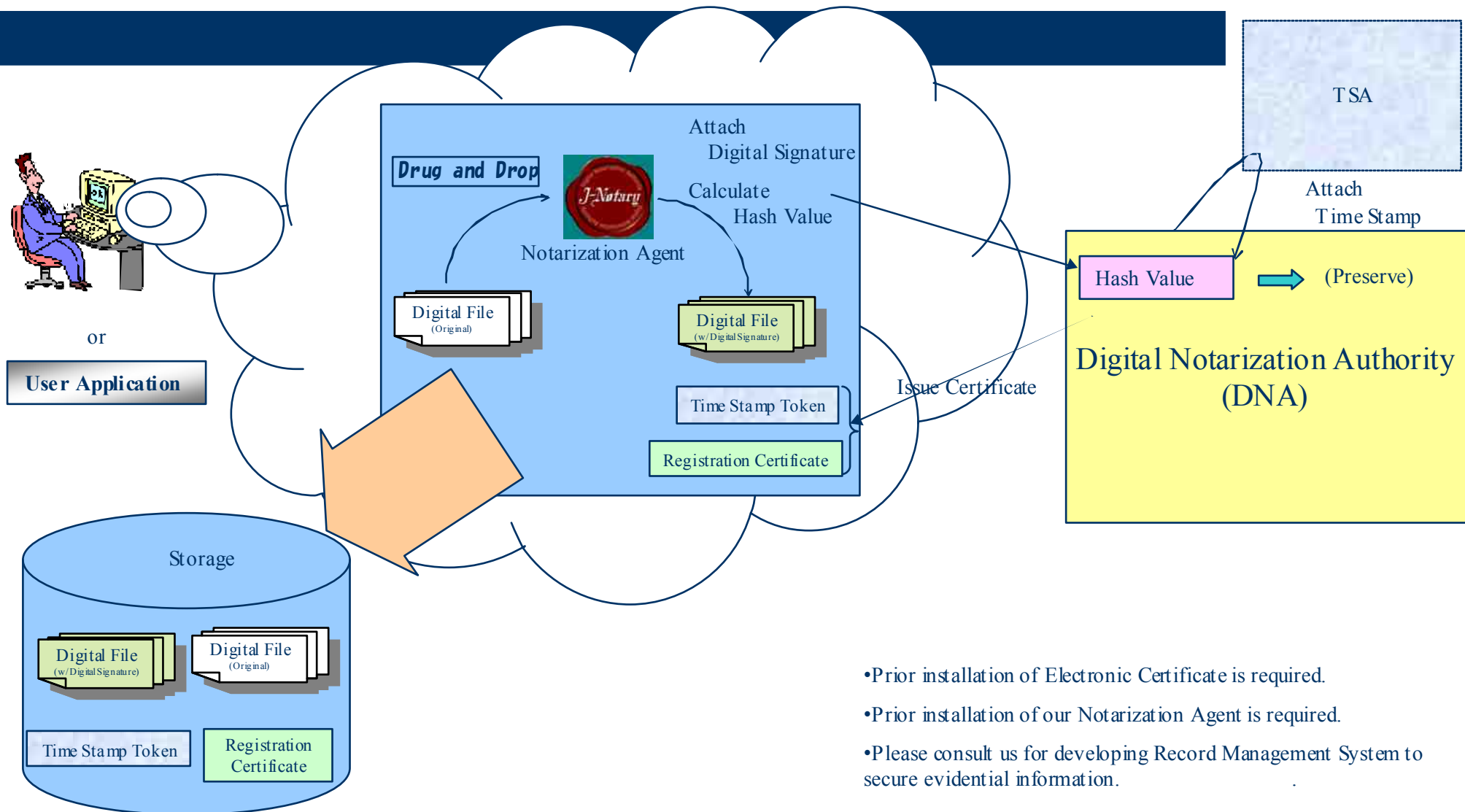
- Others

- At a joint development or s joint venture, to make it clear that which partner originated the idea first
- To certify the actual contents of a company's publicized information such as catalog or brochure and also to certify the time when these information were made public
- To claim that works were of one's own

User Cases

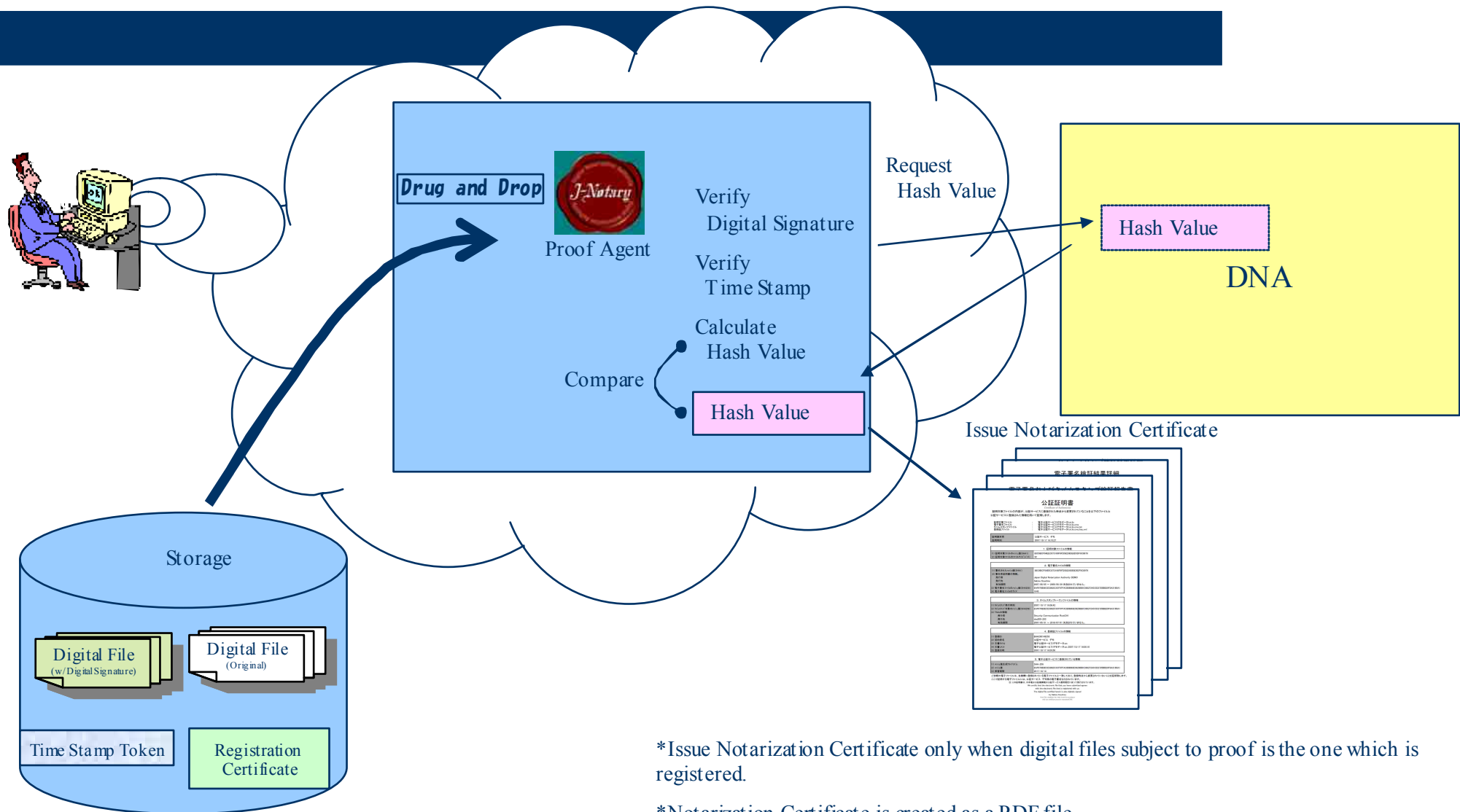
- Proof of possession of Intellectual Property
- Digitalization & filing of Medical Records
- Electronic Contracts
- Electronic Bills
- Proving Tel. log files are not manipulated
- etc.

Overview of Registration of Notarization thru <Notarization Agent>



- Prior installation of Electronic Certificate is required.
- Prior installation of our Notarization Agent is required.
- Please consult us for developing Record Management System to secure evidential information.

Overview of Proving Notarization thru <Proof Agent>



*Issue Notarization Certificate only when digital files subject to proof is the one which is registered.

*Notarization Certificate is created as a PDF file.

Integration with User Application Programs (Intellectual Property Management System)

