



Biometric Authentication from DOCOMO

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- Biometric Authentication in 2015 Summer Lineup
- Adoption of FIDO Specification and Joining the FIDO Alliance
- DOCOMO's Vision of Biometric Authentication

Biometric Authentication in 2015 Summer Lineup

New Devices with Biometric Authentication

Iris recognition:
one model



ARROWS NX
F-04G
(On sale from May 28)

Fingerprint authentication: three models



Galaxy S6 edge
SC-04G
(On sale now)

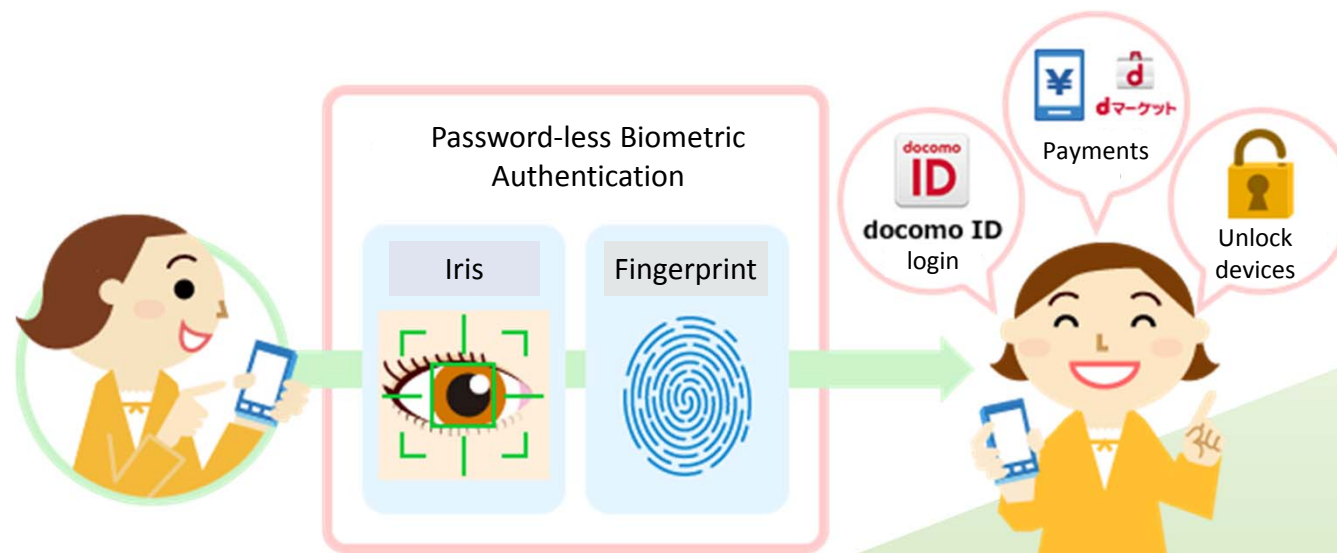


Galaxy S6
SC-05G
(On sale now)



AQUOS ZETA
SH-03G
(On sale from May 28)

Online Authentication for DOCOMO Services



Online authentication using biometric information:
Authentication for docomo ID and carrier billing payments

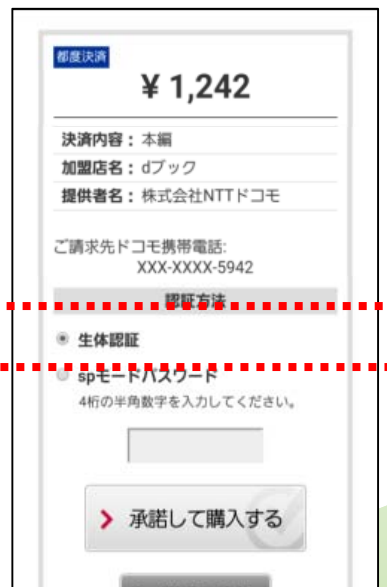
Commercial Services from Tomorrow (May 27)

Screen-shot Examples:

docomo ID Authentication



Carrier Billing Payments



Services are currently available via browser.
Availability via applications to be introduced sequentially.

Initial Services



Services compatible with biometric authentication to be expanded sequentially.



Adoption of FIDO Specification and Joining the FIDO Alliance



Adoption of FIDO 1.0 Specification

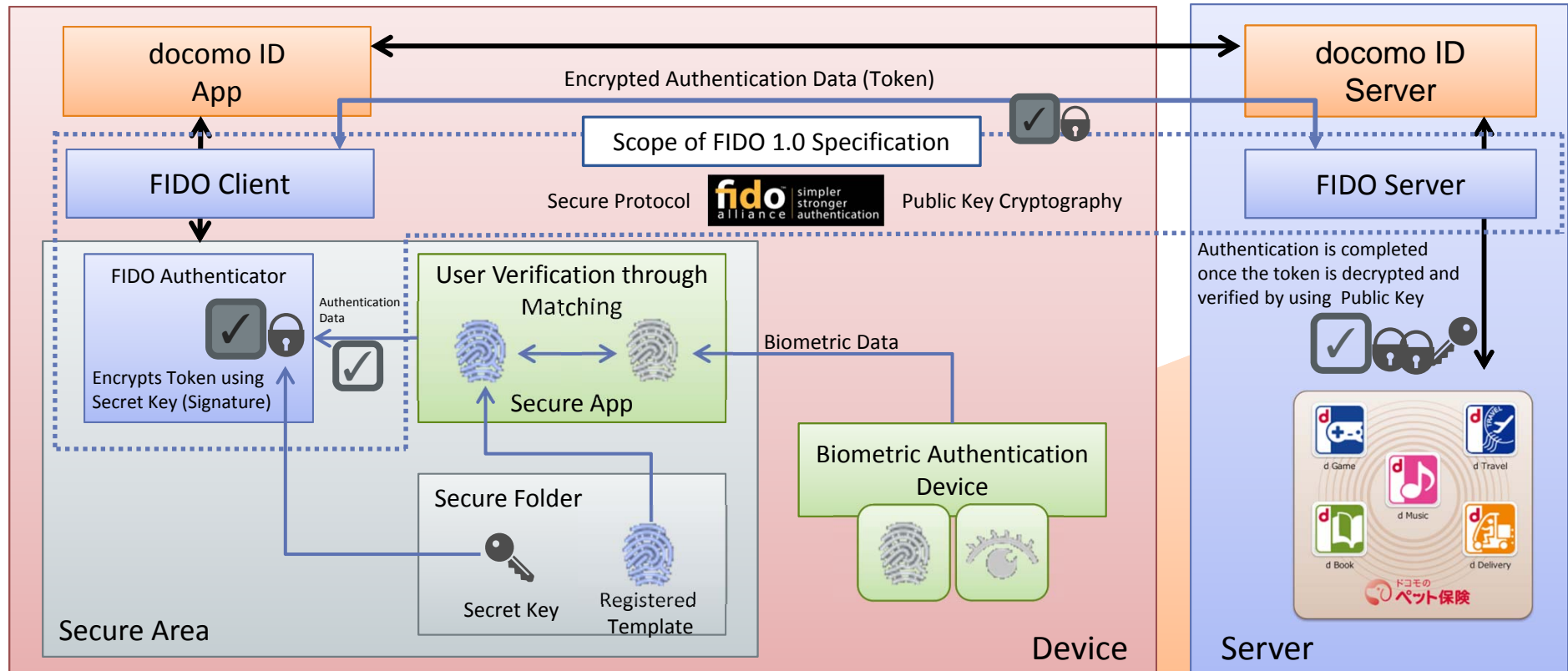
- FIDO 1.0 is the protocol specification for password-less secure online authentication defined by the FIDO Alliance

Why adopt FIDO 1.0?

- Easy, fast online authentication using biometric data
- Secure protocol that utilizes public key cryptography
- Open-standard specification for practical interoperability in the future

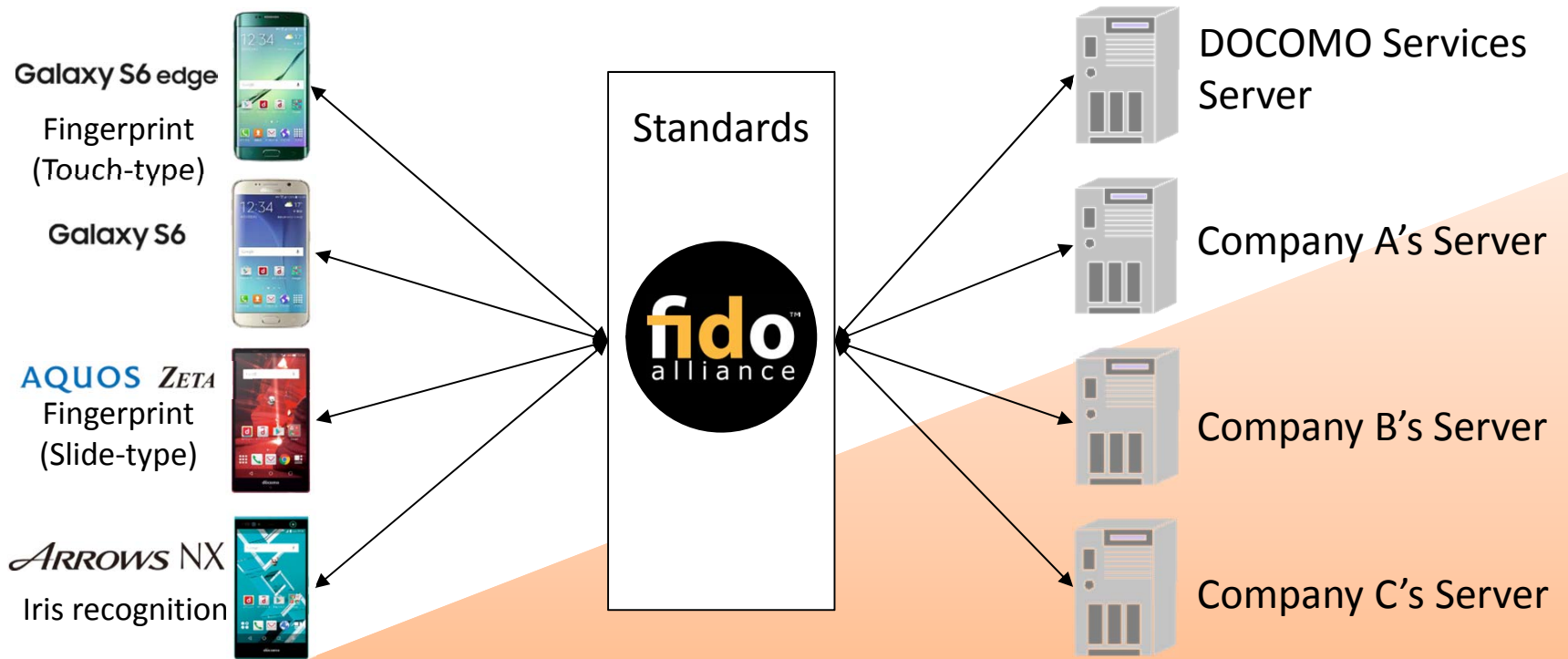
FIDO Enables Online Authentication by Utilizing Biometric Data in a Secure Manner

– Biometric Data and Secret Key stored in Secure Area –



FIDO Allows Multiple Types of Authenticators Equipped with Different Biometric Devices

– Open Standards for Future Interoperability –



FIDO 1.0 Certified™ Devices

- 4 Biometric Authenticators (Passed FIDO-certified interoperability test on April 29)



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DOCOMO Joins the FIDO Alliance

- By commercially launching FIDO devices and services, DOCOMO has achieved the following "world's firsts" :
 - Commercial deployment by a mobile network operator
 - Support for both Iris and Fingerprint sensors
 - Launch of multiple FIDO-certified devices from multiple OEMs
- ➔ DOCOMO will be contributing toward future FIDO specs and enhancing the FIDO ecosystem through collaboration with FIDO



DOCOMO's Vision of Biometric Authentication

Next Step

- Sequentially expand range of FIDO-enabled biometric authenticator devices
- Expand DOCOMO service platforms and services compatible with biometric authentication



- For some existing services using 4-digit network passwords, add biometric authentication
 - Enable use of biometric authentication for reward points



And Beyond ...

- Deploy other types of biometric technologies, in addition to iris:
 - ✓ FIDO enables biometric authentication methods other than fingerprint and iris recognition
- Online authentication connecting to wider variety of devices
- Biometric authentication for DOCOMO partners and third-party services
 - ✓ FIDO offers many opportunities for interoperability

Creating a World without Passwords

“The new of today, the norm of tomorrow.”

- Through collaboration with the FIDO Alliance, DOCOMO will further deliver “Your Security. More Simple.”

