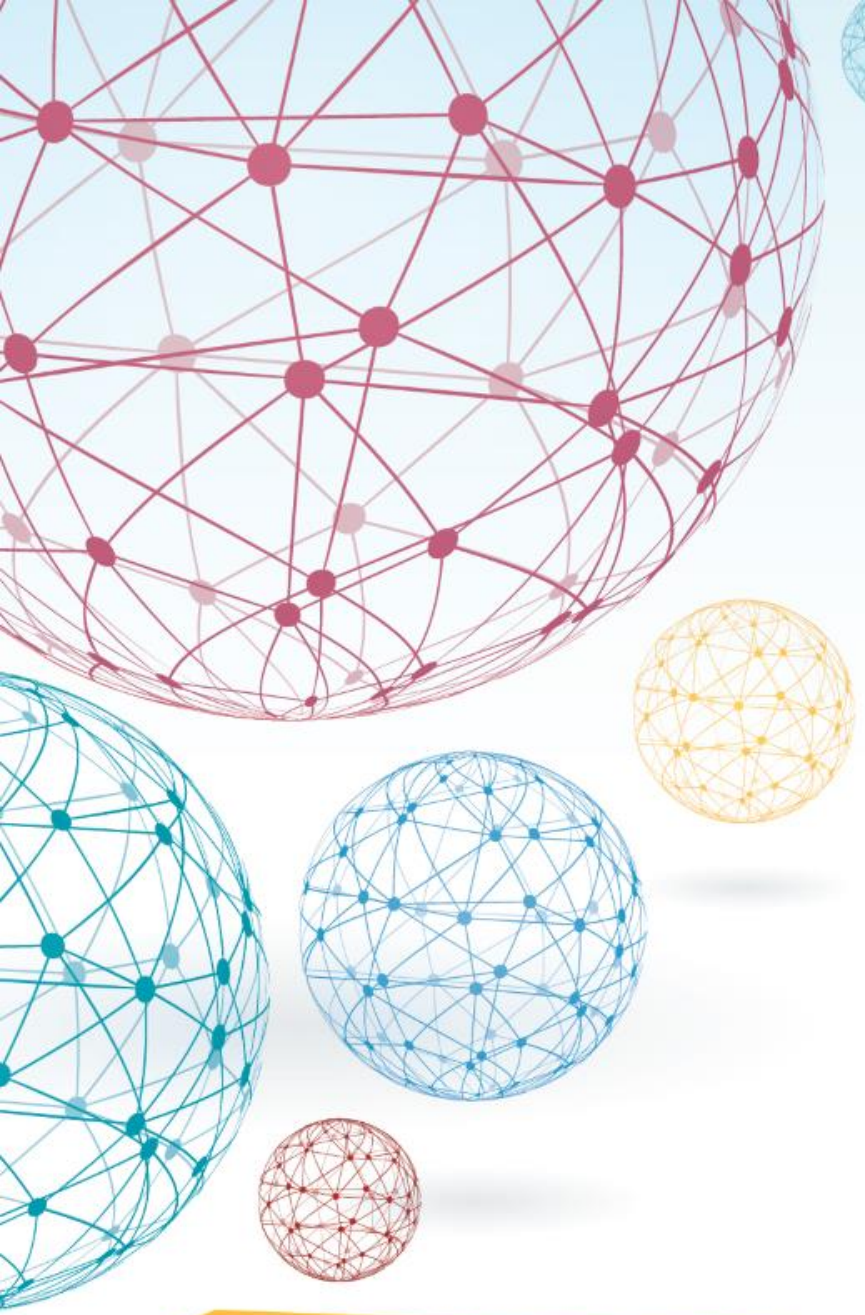

Beyond Passwords: Simpler, Stronger Authentication with FIDO2

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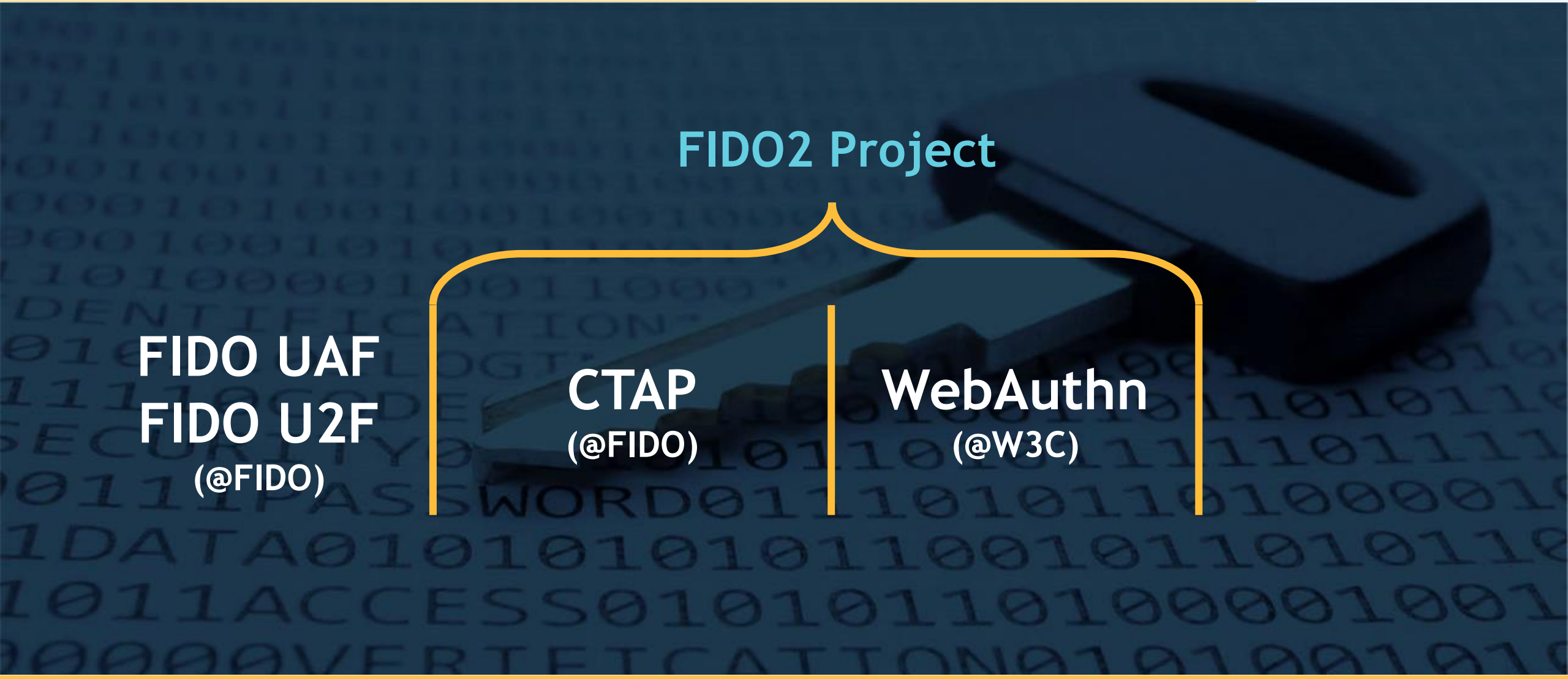
FIDO Specifications



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WebAuthn Brings FIDO to the Web Browser

World Wide Web Consortium (W3C) developed Web Authentication (“WebAuthn”) with FIDO Alliance Contributions

Candidate Recommendation

A new standard JavaScript API

That works with all FIDO2 platforms & authenticators

Participation from all these platform providers

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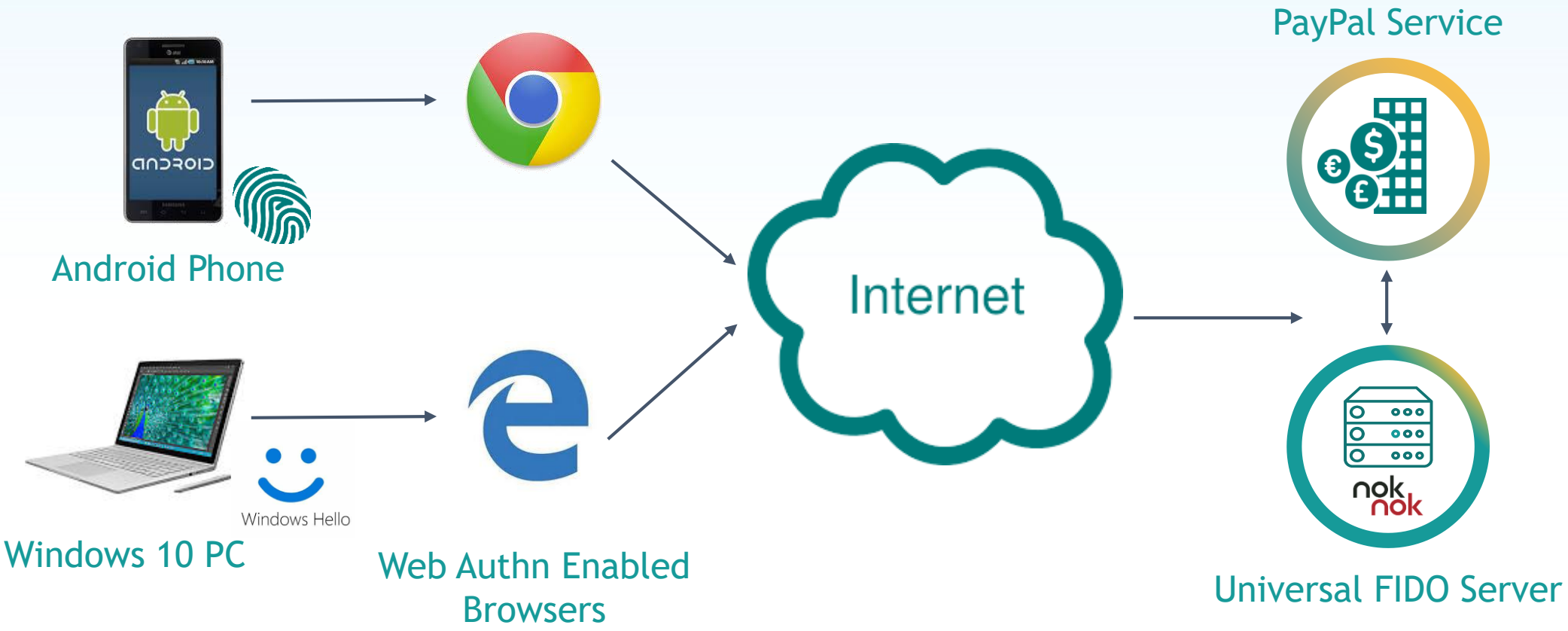
Login with Built-in Biometrics



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6:42
ɔs://world-of-cameras.myshopify.com
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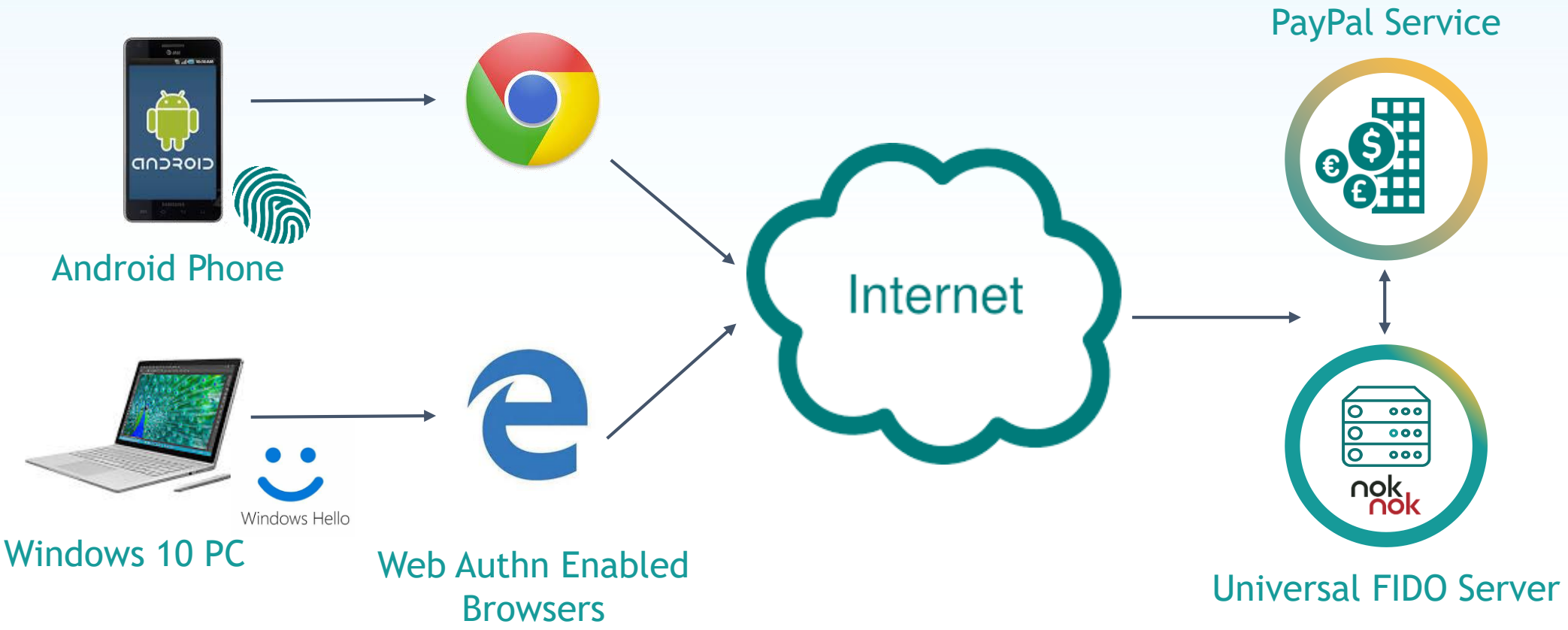
World of Cameras

Featured collection

Professional camera cleaning kit
$0.10 ~~$8.00~~

PRO CAMERA - DIGITAL SLR
$200.00

Login with Built-in Biometrics



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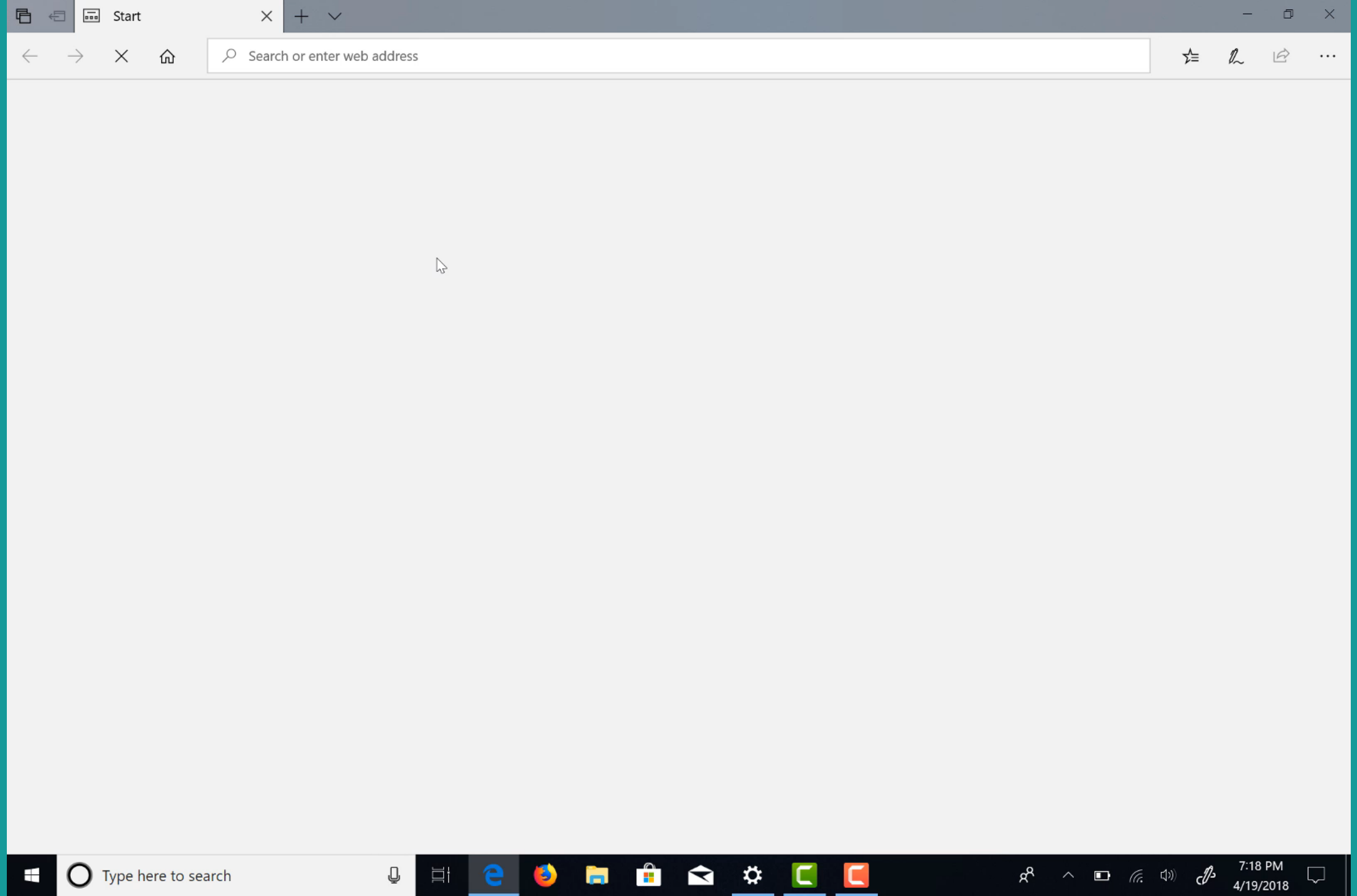
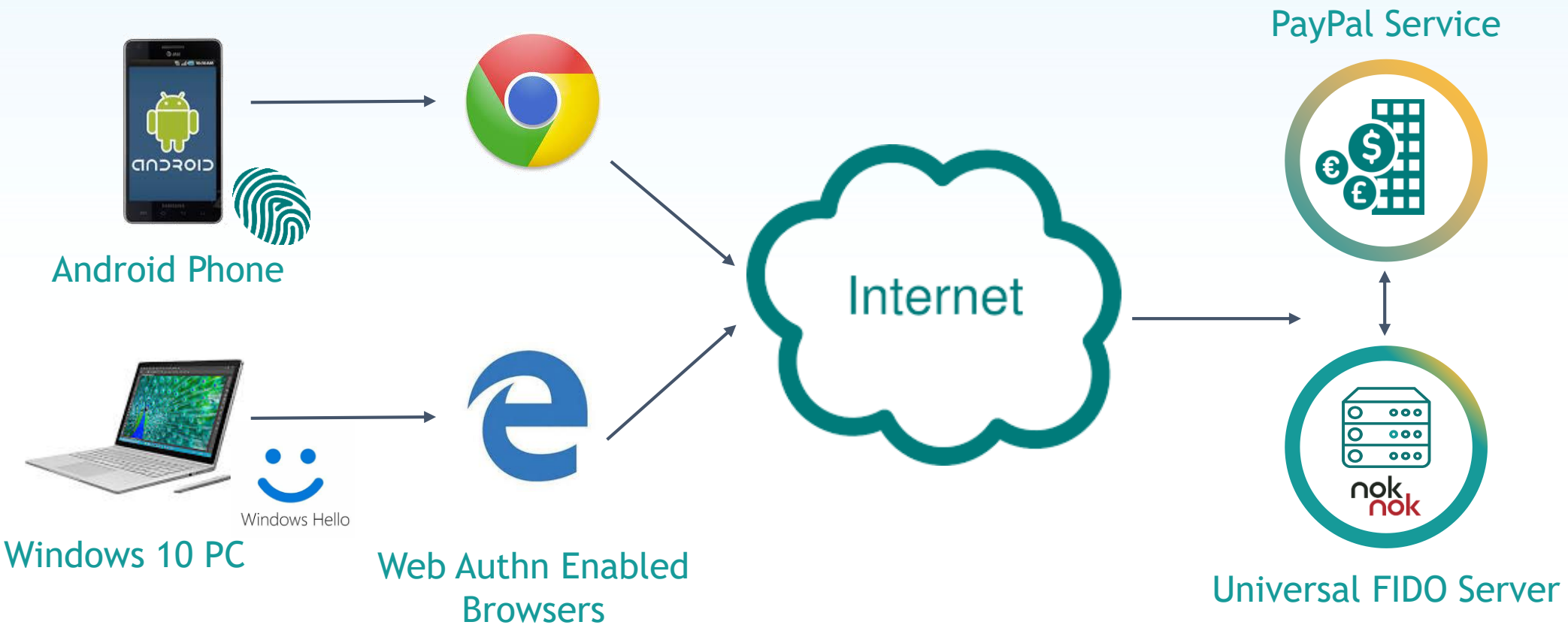

Start
Search or enter web address
Type here to search
7:18 PM
4/19/2018

Login with Built-in Biometrics



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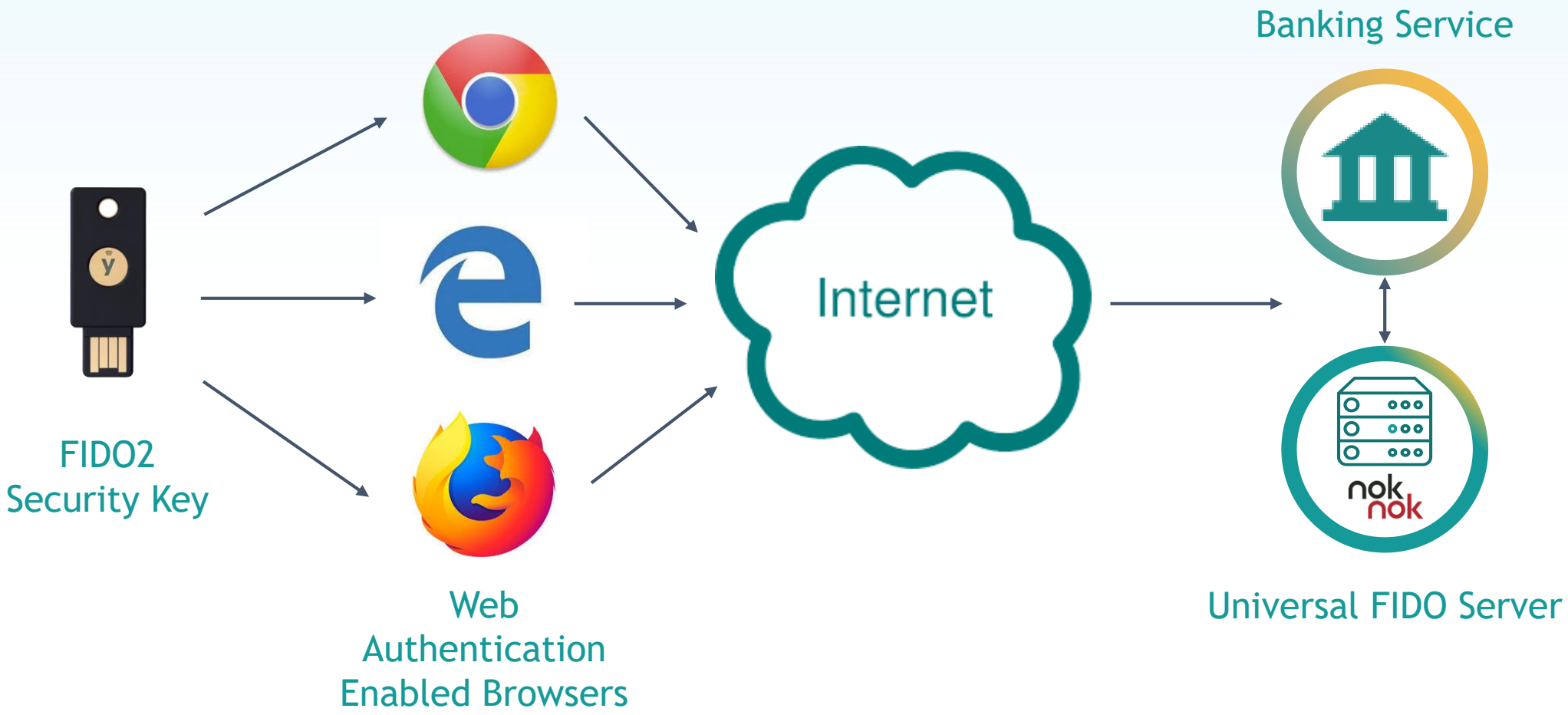
Login with FIDO2 Security Key



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web search

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Hide Feed

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My Feed | Politics | US | World | Technology | Entertainment | Sports | Money | Lifestyle | Autos | Video

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US-backed Syrian fighters capture militant linked to 9/11

CNN

Burlingame, California

55 °F Mostly Sunny
0.0%

Thu	Fri	Sat	Sun	Mon
60° 50°	64° 50°	70° 50°	68° 49°	74° 50°

Data from Foreca | Updated 17 mins ago

Feedback

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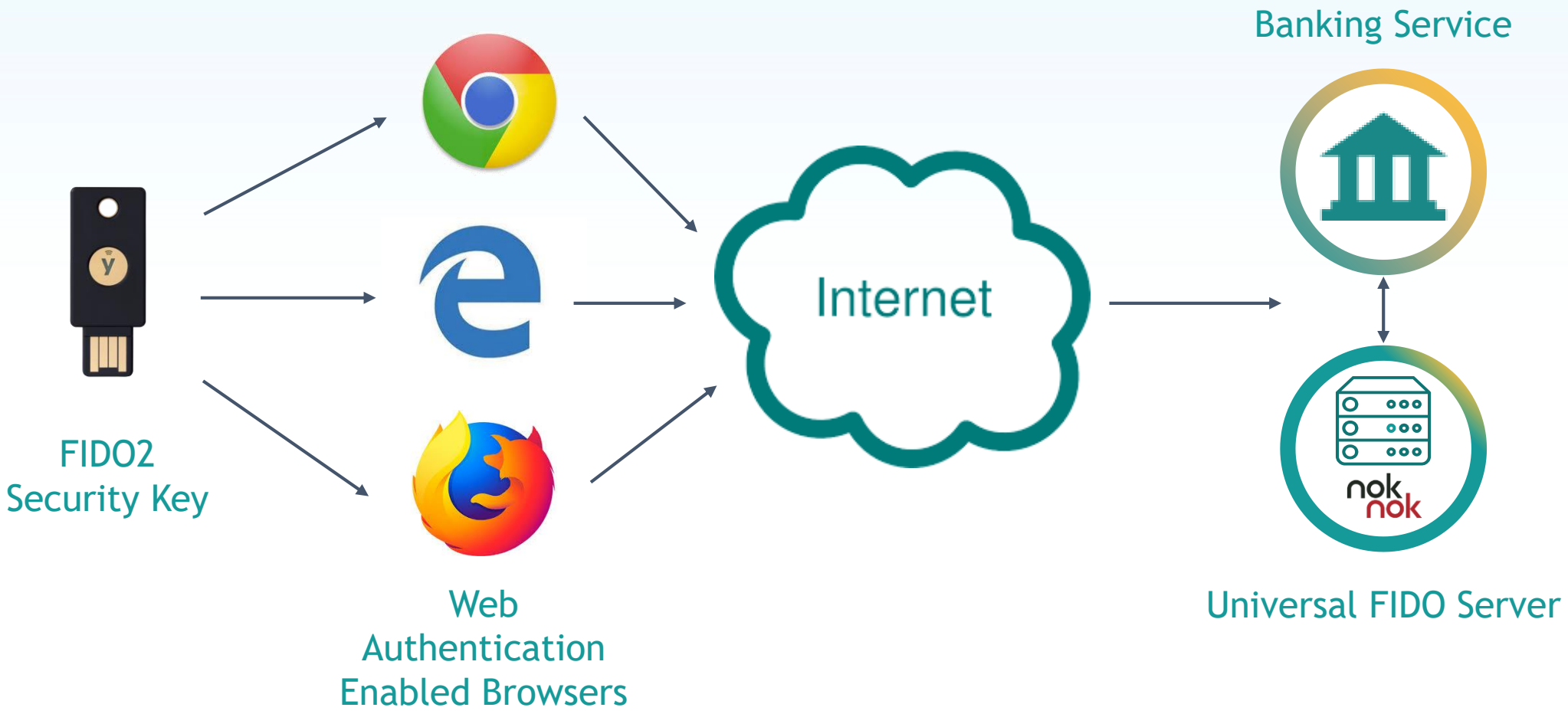
Login with FIDO2 Security Key



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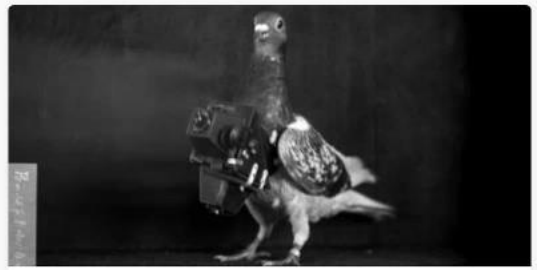

NEWYORKER.COM

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In 1907, just a few years after the Wright

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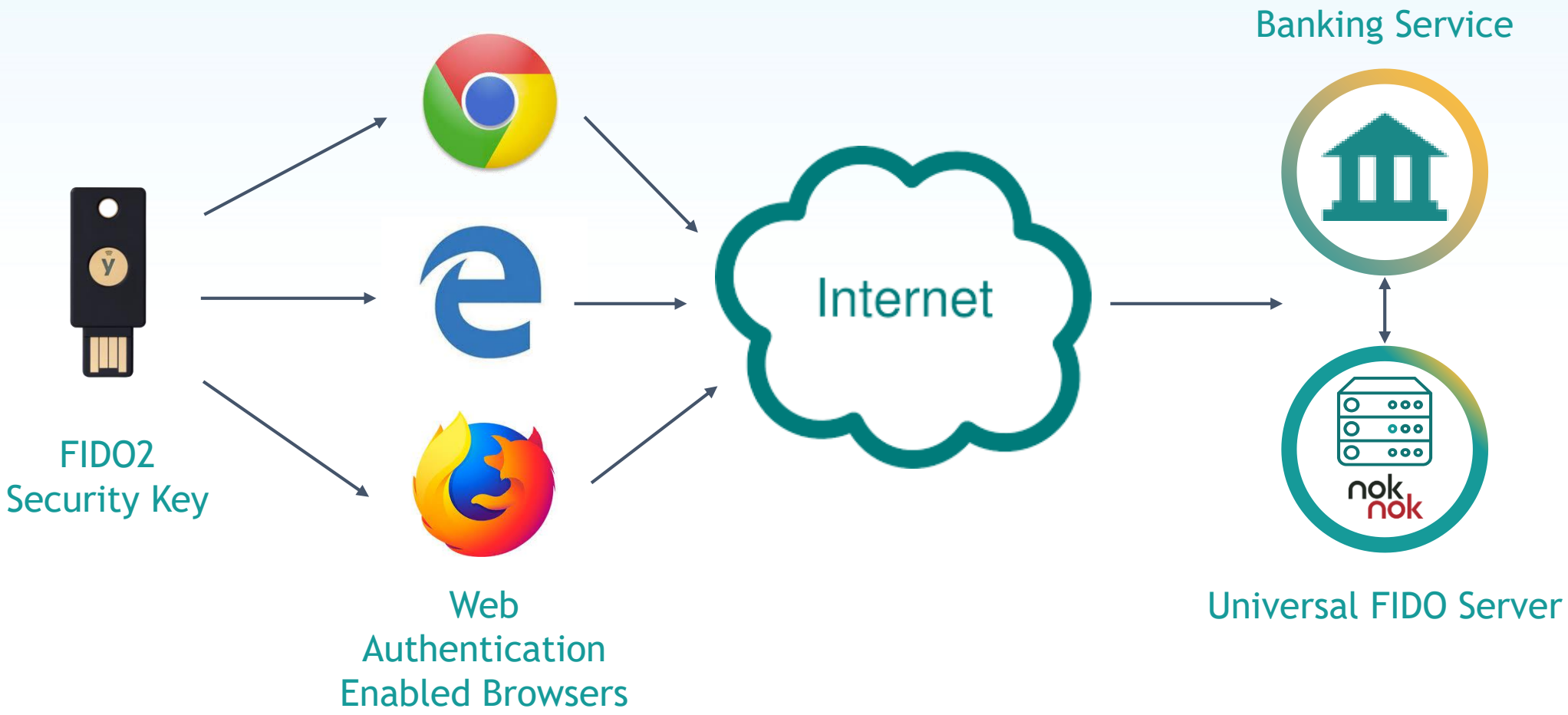

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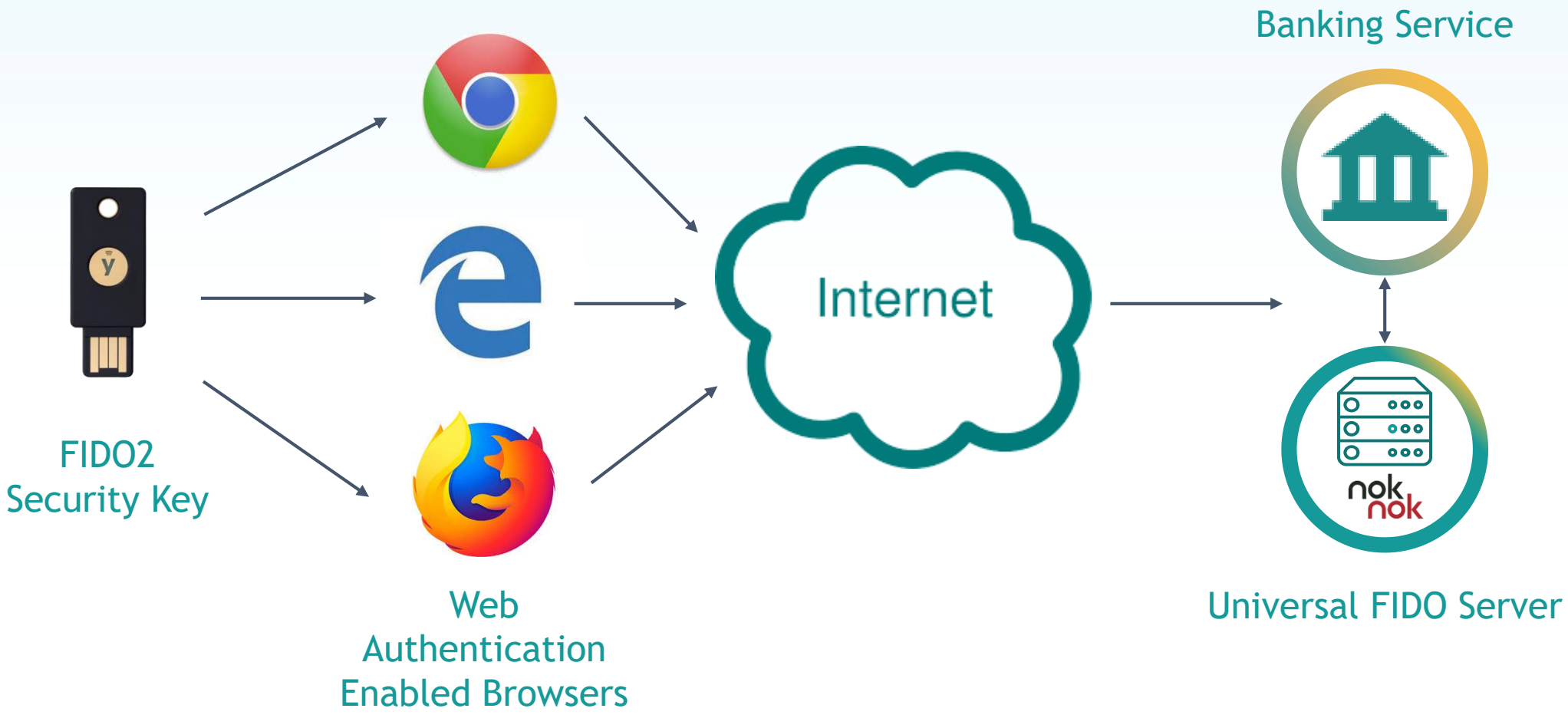
Login with FIDO2 Security Key



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Key Learnings

- We showed how FIDO2-compliant platforms enable FIDO2-compliant websites to gain **true cross-platform support** by using **the exact same set of APIs** across all these web browsers.
- Once a Relying Party has FIDO-enabled their authentication infrastructure once, there is no extra work required to use Windows Hello or Android fingerprint or FIDO2 Security Keys, etc.
- FIDO2 client implementations grow the existing FIDO ecosystem

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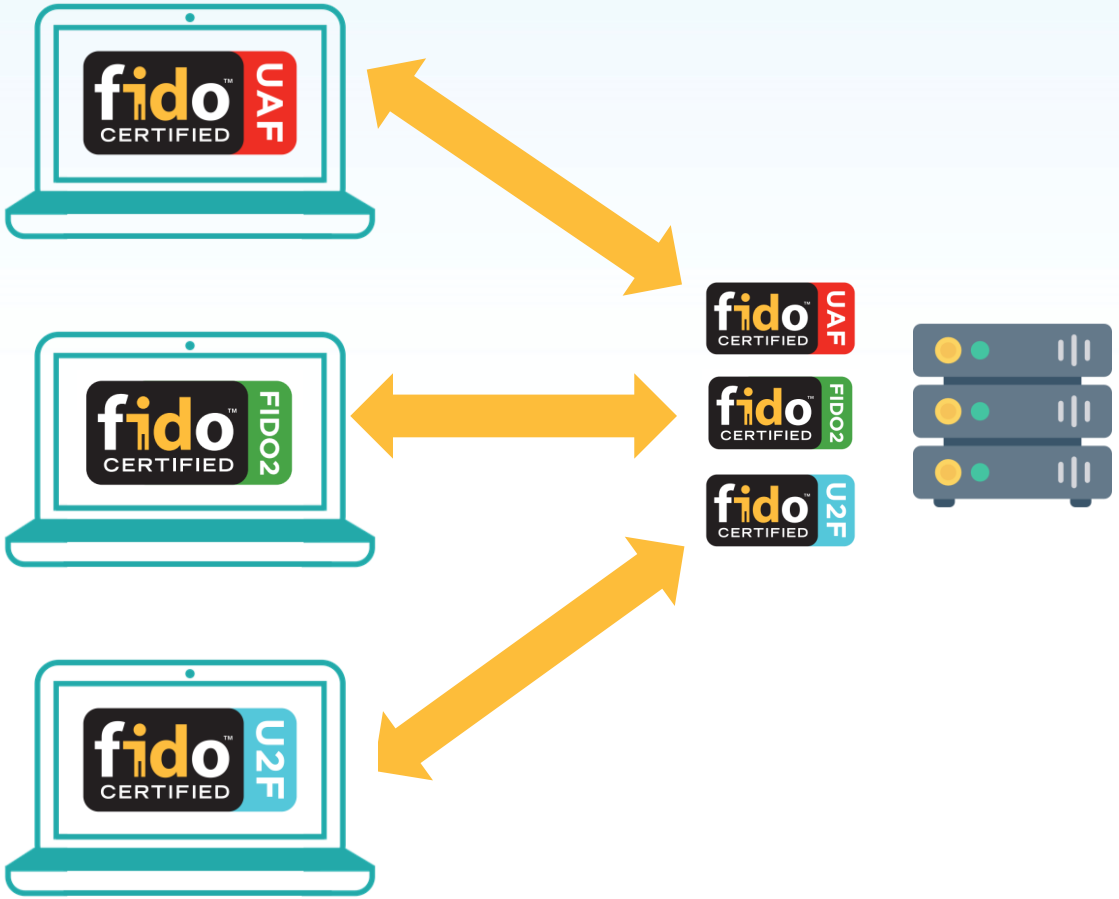
FIDO “UNIVERSAL SERVER” Program

FIDO Universal Server

Ensures interoperability with all FIDO Certified Authenticators



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Resources / Next Steps

- Visit https://fidoalliance.org for white papers, certified products, membership information and more
- FIDO2 information page: https://fidoalliance.org/fido2/
- Developers:
  - Join our free FIDO-Dev Forum: https://fidoalliance.org/participate/community/
  - FIDO Developer page: https://fidoalliance.org/participate/developers/
  - Mozilla Developer Network WebAuthn API overview: https://developer.mozilla.org/en-US/docs/Web/API/Web_Authentication_API

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