



EXPERIENCE SIMPLER, STRONGER AUTHENTICATION

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Oberthur Technologies

Data Breaches

are out of control



on IDG Answers *

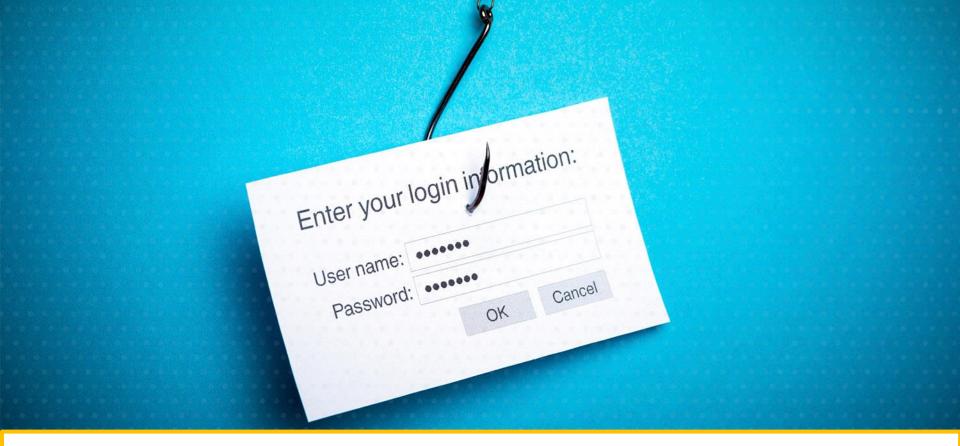
do you agree?

Mitt Romney thinks we need more h

Simplify IT with the Cisco Unified







76% of 2012 network intrusions exploited weak or stolen credentials.

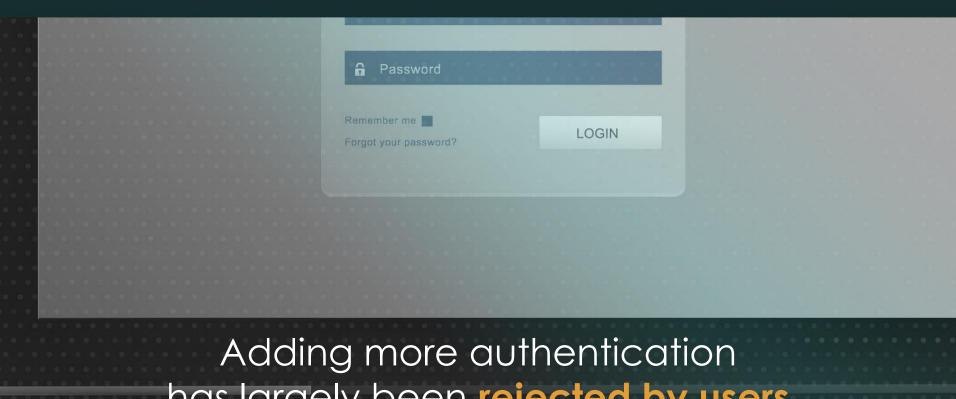
We have a PASSWORD PROBLEM

TOO MANY TO REMEMBER, DIFFICULT TO TYPE, AND TOO VULNERABLE









has largely been rejected by users









Develop Specifications



Operate Adoption Programs



Pursue Formal Standardization

7



- ✓ Services/Networks
- ✓ Devices/Platforms
- ✓ Vendors/Enablers



Board Members



















MasterCard

























FIDO TIMELINE





FIDO Ready Program



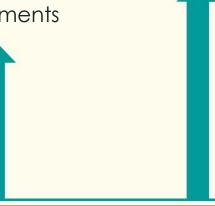






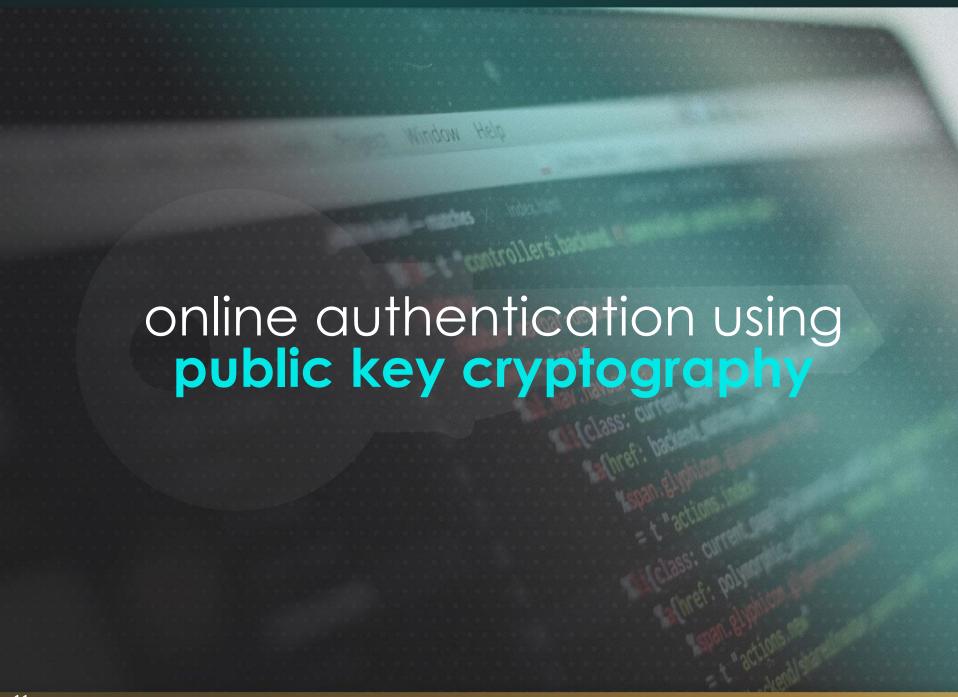








DEC 2013 (59 Members) FEB 2014 (84 Members) FEB-OCT 2014 (129 Members) DEC 9 2014 (152 Members)



Passwordless Experience (FIDO UAF Standards)







Second Factor Experience (FIDO U2F Standards)



Login & Password

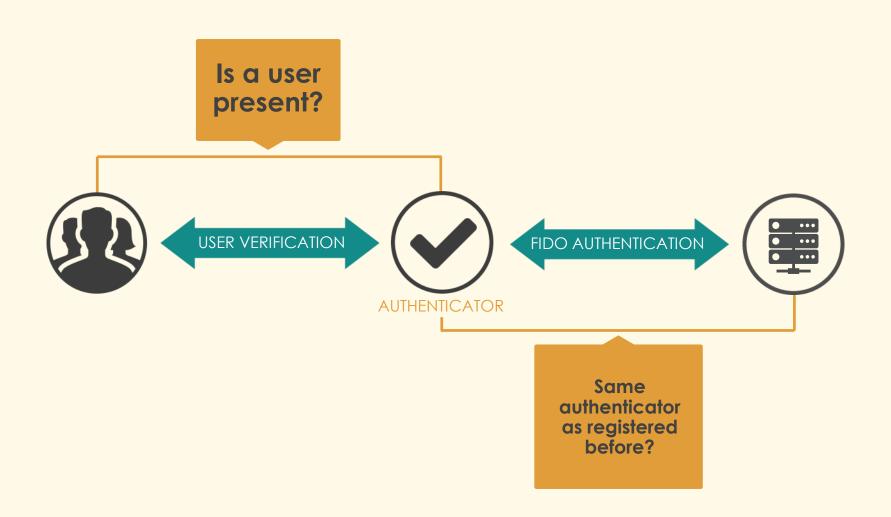


Insert dongle Press Button

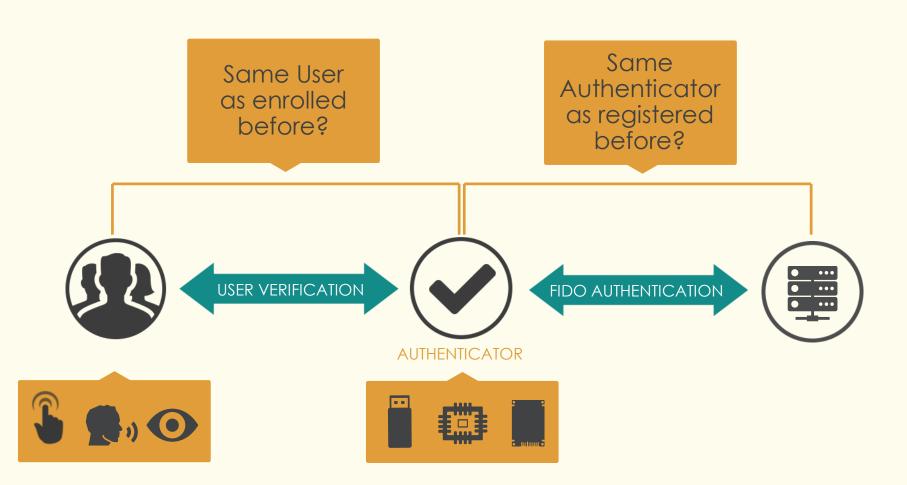


Done

FIDO UNIVERSAL 2ND FACTOR



FIDO UNIVERSAL AUTHENTICATION FRAMEWORK UAF







No 3rd Party in the Protocol



No Secrets on the Server side



Biometric data (if used) never leaves device



No link-ability between Services or Accounts





Implementing 1.0 Specifications

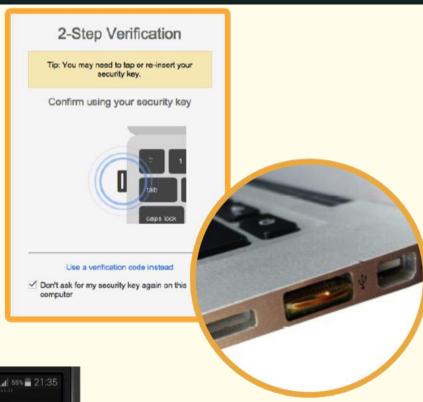
(this is only a subset of active implementations)

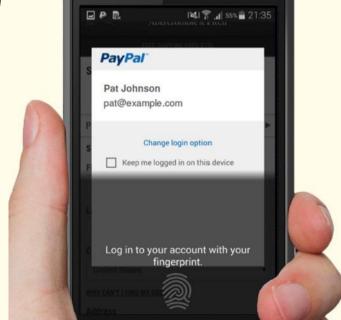
Enterprise Servers	Nok Nok	Entersekt	SurePass 🕡	CDevs StrongAuth
Open Source	Google	yubi	СО	WORDPRESS
Mobile Apps/Clients	SAMSUNG NO LABS	k Nok Entersek	t Google	CIOFCUD III
WWW Browsers	<u></u>			

- ✓ PayPal deploys FIDO-enabled mobile wallet app on Samsung devices.
- ✓ Google has FIDO in Chrome and 2-Step Verification in Gmail.
- ✓ Samsung adds FIDO enabled fingerprint authentication to Galaxy®



2014 Deployments





2015 news from the Market

LEADERS FROM AROUND THE WORLD





- Reflecting an increased focus on Government collaboration worldwide
- Details are now published in the new FIDO Alliance Membership Agreement









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