



The Pocket Guide to FIDO at RSAC 2023

Welcome to RSAC 2023!

We're glad you're here. Whether you are a FIDO beginner, pro, or somewhere in between – we're here to help you on your journey to passwordless with FIDO authentication.

Stop by our booth #4310!

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FIDO Alliance Office Hours

Stop by the FIDO Alliance booth anytime to ask questions and have insightful conversations about all things authentication! Have specific questions? Come to our designated expert office hours and get answers from the industry leaders helping to further the understanding, usability and adoption of FIDO authentication.

| Day | Time | Topic | Speaker |
|-------------------|---------------|------------------------|---|
| Tuesday 4/25 | 11:00 - 12:00 | Passkeys | Christiaan Brand, Google |
| | 1:00 - 2:00 | NIST 800-63 & FIDO | Jamie Danker, Venable |
| | 3:00 - 4:00 | FIDO in the Enterprise | Shane Weeden, IBM |
| Wednesday 4/26 | 10:00 - 11:00 | Passkeys | Tim Cappalli, Microsoft |
| | 11:00 - 12:00 | UX Considerations | Kevin Goldman, Trusona Sierra Wolfkostin, Duo Security |
| Thursday 4/27 | 10:00 - 11:00 | FIDO Certification | Paul Heim, FIDO Alliance |
| | 1:00 - 2:00 | FIDO Membership | Christina Hulka, FIDO Alliance |

descope

Drag-and-drop authentication for your application

Add FIDO authentication and user management to your app with a few lines of code.

Sign in

input:Email

Magic Link

OAuth

Facebook

Google

Biometrics

Send magic link

Magic link sent

Connector service failed

Verify magic link

Send again

Choose another method

Verification succeeded

Verification failed

OAuth service

Authenticated successfully

Invalid request param

Invalid redirect URL

Biometric service

Identified successfully

Calculate risk

High

Low

LEARN MORE AT WWW.DESCOPE.COM

Attend our Seminar!

The State of Authentication in 2023: The Global Progress Past Passwords

Wednesday, April 26, 2023 | 1:15 - 5:15 PM
Moscone South 314

Join the FIDO Alliance and its industry stakeholders for a half-day seminar on April 26, 2023 to catch up on the latest innovations in digital identity and to learn how enterprises are strengthening their security – and user experience – by moving past passwords with passkeys.

Hardly a week goes by without media coverage of yet another attack on password credentials and old-school MFA, and the data breaches that result. In this seminar, speakers will discuss the imperative and best practices for implementing phishing-resistant user authentication to prevent such attacks within the enterprise, while also covering the best ways to balance friction and security for consumer sign-ins.

Attend this seminar to:

- Learn what passkeys are and how they stand to eliminate the liability of passwords
- Hear case studies from companies that have successfully implemented passwordless solutions for employees and consumers
- Gain insights on how to optimize user experience when deploying passkeys
- Catch up on the latest regulatory trends in digital identity, including emerging updates on NIST 800-63

This seminar is open to all RSAC pass types.
We look forward to having you join us.

Thank you to our Signature Sponsors!



Supporting Sponsors:



Agenda

| Time | Session | Speakers |
|-----------|--|---|
| 1:15-1:30 | The State of Passwordless Authentication | Andrew Shikiar, Executive Director and CMO, FIDO Alliance |
| 1:30-1:50 | Keynote: The FIDO Fit in the Government's Secure Design Strategy | Bob Lord, Senior Technical Advisor, CISA |
| 1:50-2:10 | Introduction to FIDO and Passkeys | Shane Weeden, Technical Staff Member, IBM |
| 2:10-3:00 | A Year with Passkeys: Lessons and Futures | Christiaan Brand, Product Manager: Identity & Security, Google Tim Cappalli, Identity Architect, Microsoft Anna Pobletts, Head of Passwordless, 1Password Megan Shamas, Sr. Director of Marketing, FIDO Alliance |
| 3:00-3:20 | Break | |
| 3:20-3:45 | UX Considerations for FIDO Authentication and Passkeys | Kevin Goldman, Chief Design Officer, Trusona Sierre Wolfkostin, Senior Product Designer, Duo Security |
| 3:45-4:10 | Fireside Chat: Bringing FIDO Authentication to an Enterprise Workforce | Bernard Diwakar, Director, Distinguished Architect, Intuit Andrew Shikiar, Executive Director and CMO, FIDO Alliance |
| 4:10-4:35 | Our Journey To Becoming Password Free | Yvonne Holland, CIO, Kinaxis |
| 4:35-5:00 | Cyber insurance: how phishing-resistant MFA can help reduce risk and costs | Brent Deterding, CISO, Afni Derek Hanson, Vice President Solutions Architecture and Alliances, Yubico |
| 5:00-5:10 | Closing Remarks | Andrew Shikiar, Executive Director and CMO, FIDO Alliance |

Sessions

Don't miss these sessions on FIDO Authentication!

Tuesday, Apr. 25

Passkeys: The Good, the Bad and the Ugly

Christiaan Brand, Google

9:40 – 10:30 AM

Wednesday, Apr. 26

What the Authn? Passkeys Offer a Fresh Take to Authentication Dilemmas

Derek Hanson, Yubico

9:40 – 10:30 AM

Intro to FIDO Authentication and Passkeys

What is the FIDO Alliance?

The FIDO Alliance is a global consortium that develops open, interoperable, and scalable standards for phishing-resistant authentication. Our mission is to reduce the reliance on passwords for authentication and provide simpler, stronger authentication methods that are more secure and convenient for users.

What does the FIDO Alliance do?

The FIDO Alliance has three main activities:

STANDARDS:

We develop open, interoperable, and scalable standards for phishing-resistant authentication.

MARKET ADOPTION PROGRAMS:

We promote adoption of these standards by collaborating with organizations across industries and work with them to improve the security of authentication systems.

CERTIFICATION:

We certify to ensure products and services comply with FIDO standards and are interoperable with each other. This helps to improve the security and usability of authentication systems and provide users with a more consistent and reliable experience across different platforms and services.

FIDO Authentication optimizes the balance between usability and phishing-resistant security.



Who makes up the FIDO Alliance?

The FIDO Alliance is comprised of a diverse set of companies and organizations that are dedicated to achieving FIDO's mission. Members include organizations from industries including technology, finance, healthcare, government, security, e-commerce, and mobile network operators.

What are passkeys?

Based on FIDO standards, passkeys are a replacement for passwords that provide faster, easier, and more secure sign-ins to websites and apps across a user's devices. Unlike passwords, passkeys are always strong and phishing resistant.

How do users use passkeys?

When a user is asked to sign-in to an app or website, the user approves the sign-in with the same biometric or PIN that the user has to unlock the device (phone, computer or security key). The app or website can use this mechanism instead of the traditional (and insecure) username and password.

What do passkeys mean for...

USER EXPERIENCE:

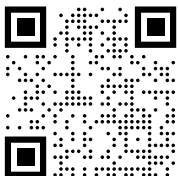
familiar, simple, and consistent across devices

SECURITY:

phishing-resistant, password alternative for sign-in and account recovery

SCALABILITY:

single enrollment for multiple devices, available anywhere



Where can I learn more about FIDO Authentication?

So glad you asked!
Our website is a great place to start!

Also be sure to stop by our booth, #4310 in Moscone South!

authenticate 2023

THE FIDO CONFERENCE



Attend Authenticate 2023

October 16 - 18, 2023
Carlsbad, CA

Authenticate is the industry's only conference dedicated to all aspects of user authentication – including a focus on FIDO-based sign-ins.

It's time to modernize your authentication! Organizations around the globe are embracing a new way to authenticate with FIDO standards, moving past passwords and legacy forms of multifactor authentication to provide users with passkeys for phishing-resistant sign-ins. Their results? Strong security, lessened data breach risk, improved user experiences, faster sign-in rates, and reduced costs.

Join these industry leaders as they come together at Authenticate 2023, and get the latest tools and insights to get your organization on the path to strong, modern passwordless authentication.

Hosted by the FIDO Alliance, Authenticate is the industry's only conference dedicated to all aspects of user authentication – including a focus on FIDO-based sign-ins. It is the place for CISOs, business leaders, product managers, security strategists and identity architects to get all of the education, tools and best practices to roll out modern authentication across web, enterprise and government applications. Attend for excellent content, a dynamic expo hall, and other networking opportunities!

Whether you are new to FIDO, in the midst of deployment or somewhere in between, Authenticate 2023 will have the right content – and community – for you.



1,000+

Attendees

30+

Exhibitors & Sponsors

100+

Sessions

SOLD OUT
in 2022!

@Authenticatecon

www.authenticatecon.com

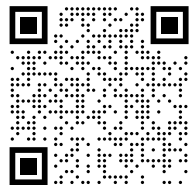
Get Certified

Become a FIDO Certified Professional!

Calling experts in online security and authentication! Prove your advanced knowledge and technical skills to analyze, validate, design, deploy, and educate on secure authentication systems using FIDO by becoming a FIDO Certified Professional!

Why certify?

- Competitive advantage
- Execute projects with increased efficiency
- Increase earning potential
- Validation of knowledge and skills
- Build professional credibility



Learn more and sign up to certify!



Got Phished?

Meet with Thales to discover
Phishing-Resistant Authentication



- See a demo at Thales Booth #N-5369
- Attend our FIDO sessions
- Get a free FIDO Token for test
- Scan the QR code for more details

Thales is a global leader in advanced technologies, investing in digital and “deep tech” innovations to build a confident future crucial for the development of our societies.

Thales provides a large variety of FIDO authentication solutions for Enterprises, Financial Institutions and Government: from hardware FIDO2 security keys & electronic identity cards and passports, to FIDO authentication servers supporting Passkeys.



TRUSTED PARTNER FOR SMART DIGITAL SECURITY SOLUTIONS; CARD PERSONALIZATION SOLUTIONS AND SMART CARD PRODUCTS

MK Group Joint Stock Company (MK Group JSC.) was established in 1999 in Vietnam, specializing in Digital Security Authentication solutions and Smart Cards.

Over 24 years of construction and development, MK Group is proud of fully mastering core technologies related to smart digital security, smart cards and biometrics, meeting the strict demands of domestic market and export market. We have built and implemented its production and business activities in the direction of “SMART DIGITAL SECURITY”, contributing to “enhancing global competitiveness, promoting smart industry and developing digital economy” of the country.

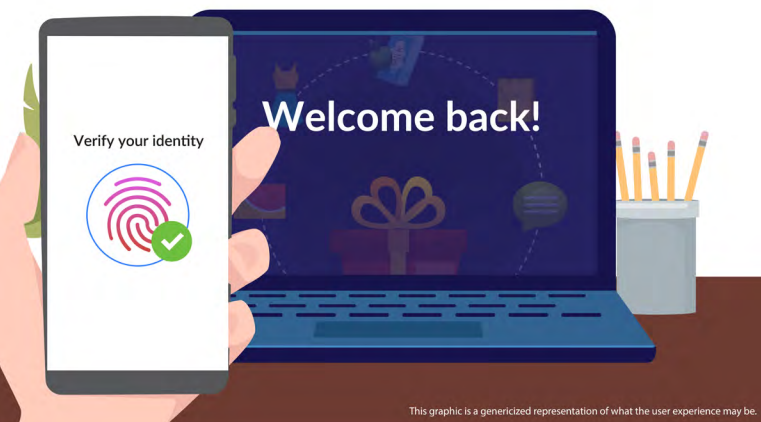
<https://mkgroup.com.vn>



Directory

FIDO Members at RSAC

We've put together this directory to help you find and connect with attending FIDO Alliance members with certified products and services. Each entry describes the attending member company, what industries they serve, associated products, and how to get in touch. You can find more FIDO Certified members and products on the FIDO Alliance website at www.fidoalliance.org/fido-certified-showcase.



Axiad

Booth #6044-N

Contact:

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axiad.com



Axiad is a FIDO Alliance Board Member and helps set the direction for the alliance focused specifically on the authentication needs of the enterprise and public sector. Axiad's goal is to help extend the reach, usability, and security of FIDO authentication to organizations that want to move to a passwordless future, but also need the control to meet all of their authentication requirements today.

Associated products

FIDO Server, Passkeys, Passwordless, Security Key Administration

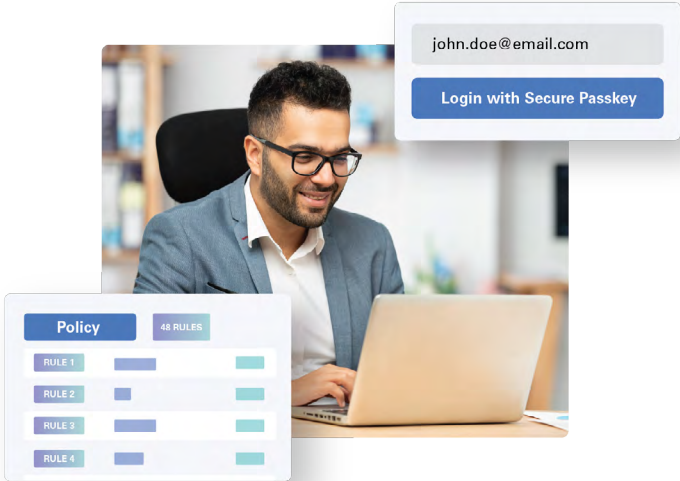
Industries

Enterprise, Financial Services / Payments, Telecom / Mobile, Government, Healthcare / Insurance, Energy & Oil, Aerospace & Defense

Accelerate Your Zero Trust Strategy

Reduce the attack surface and delight your users with the industry’s first and only zero trust authentication solution

Learn more at beyondidentity.com



Beyond Identity

Booth #5368

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beyondidentity.com

BEYOND IDENTITY

Beyond Identity is the technology innovator in FIDO2 certified multi-factor authentication, delivering a passwordless, frictionless user experience that prevents security breaches and delights users.

Associated products

Identity Proofing, Mobile Apps, Passwordless

Industries

Enterprise, Financial Services / Payments, Healthcare / Insurance

Cisco Systems, Inc.

Booth #5845-N and 1027-S

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Cisco is resolute in our focus to democratize security and lift everyone above the cybersecurity poverty line. Strong passwordless authentication is an essential element in that future. Cisco is working with the FIDO Alliance and sharing our unique digital technology experience to bring that to fruition for the world. As a result of our collaboration Cisco has brought to market a FIDO2 based passwordless solution that seamlessly integrates with existing systems, provides a user-friendly authentication experience, and enhances security through comprehensive policy management and protection against phishing and adversary-in-the-middle attacks.

Associated products

Passkeys, Passwordless, Security Keys, Secure Remote Access

Industries

Enterprise

Descope

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microsoft.com/en-us/security/business/microsoft-entra



Descope helps every developer build secure, frictionless authentication and user journeys for any application. Our drag-and-drop workflows, SDKs, and APIs make it easy for developers to add FIDO authentication and passkeys to their consumer and business apps. Descope is a member of the FIDO Alliance.

Associated products

Biometrics, FIDO Server, Mobile Apps, Passkeys, Passwordless, SDK

Industries

Enterprise, Financial Services / Payments, Telecom / Mobile, Healthcare / Insurance

HYPR

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HYPR has a long standing relationship with FIDO which includes our personnel being on the board. Early on, we believed in FIDO's charter which is why we built our product around the FIDO standard and why we have a FIDO certified end to end product. With so much noise in the field, we feel it particularly important to highlight customers who are 100% deployed with HYPR using the FIDO standard. One such organization will share their journey to passwordless along with best practices, learning and advice for others.

Associated products

Biometrics, FIDO Server, Passkeys, Passwordless, PSD2, SDK, Security Keys, Secure Remote Access

Industries

Software



Fixing the Way the World Logs In

HYPR is the passwordless authentication leader and FIDO-certified pioneer with successful, proven deployments at scale. We secure businesses from the desktop to the cloud with a login experience people love.



Phishing-Resistant MFA

98.4% Reduction in ATO Fraud



Intuitive, Simple Experience

First to deliver Enterprise Passkeys



Proven Passwordless Deployments

Securing the most complex and demanding environments daily

www.HYPR.com

IDmelon Technologies Inc.

Booth #50-ESE

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Website:

idmelon.com



With IDmelon, organizations can leverage their employees' existing devices (ID badges, smartphones, key fobs, security keys) as a FIDO security key. This enables employees to use a familiar and convenient device to access their workstations, web, and applications securely. Companies, too, can save budget and avoid hidden costs. In addition, IDmelon orchestration platform simplifies the deployment and management of passwordless authentication with security keys for IT administrators.

Associated products

Mobile Apps, Passkeys, Passwordless, Security Keys, Secure Remote Access, ID Badges, Key Fobs, Readers, Administrative Panel, SSO for SSO

Industries

Enterprise, Financial Services / Payments, Telecom / Mobile, Healthcare / Insurance, Education, Retail, Shops, Manufacturing, Offices

Microsoft Security

Booth #6044-N

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microsoft.com/en-us/security/business/microsoft-entra



You can start going passwordless with Microsoft using our top-rated Windows Hello on desktop or Authenticator on mobile apps, as well as take advantage of our industry support for FIDO credentials including passkeys. Go to aka.ms/passwordless to learn more or aka.ms/PasswordlessDeploymentGuide for more details on how to plan and deploy your implementation. Microsoft has supported FIDO Alliance as a Board Member since 2013.

Associated products

Passwordless, SDK

Industries

Enterprise

1Password

#5385-N

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1password.com



1Password has joined the FIDO Alliance as a Board Level sponsor to help build safer, simpler, and faster login solutions for everyone. As more services adopt passwordless, we're taking an active role in shaping what comes next. 1Password is also ensuring our customers can log in securely and more conveniently with full passkey support, including unlocking 1Password with a passkey in place of a password, plus creating, saving, and filling passkeys when signing into everyday accounts.

Associated products

Biometrics, Mobile Apps, Passkeys, Passwordless, Security Keys

Industries

Enterprise, Financial Services / Payments, Healthcare / Insurance, Higher Education, SaaS, E-Commerce, Professional Services



1Password empowers businesses, developers, and individuals

to safeguard their most private and important information online effortlessly – from login information, to payment cards, sensitive documents, and infrastructure secrets.

1Password is also working on bringing passwordless authentication

to everyone, starting with passkey support in the browser, desktop, and mobile apps. Customers will always be able to log in quickly and securely, without worrying about the technology under the hood.



Booth

N-5385

Website

1Password.com

RSA Security

Booth #5744

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Todd Gilbert; todd.gilbert@rsa.com

Website:

rsa.com



The RSA DS100 is a passwordless, multi-functional security solution that can dramatically enhance user experience while lowering total cost of ownership. It is the first cloud enabled authenticator that marries the cryptographic advantages of FIDO protocols with the security benefits of a one-time password (OTP) solution, a category where RSA has long been the gold standard.

Associated products

Passwordless, Security Keys

Industries

Enterprise, Financial Services / Payments, Telecom / Mobile, Government, Healthcare / Insurance

Thales

Booth #5369

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cpl.thalesgroup.com



Thales, a global leader in advanced technologies is FIDO Alliance Member. we provide fido solutions for enterprises, Government and Financial Institutions, such as hardware security keys, passkeys & FIDO servers. <https://fidoalliance.org/company/thales>

Associated products

FIDO Server, Passkeys, Passwordless, Security Keys

Industries

Enterprise, Financial Services / Payments, Government, Healthcare / Insurance

Trusona

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www.trusona.com



"Trusona Authentication Cloud is a passkey-as-a-service platform helping digital businesses to passkey-enable their websites. Trusona is a FIDO Board Member and our product is FIDO-certified. And, Kevin Goldman, our CXO, formed and now leads the FIDO UX Committee."

Associated products

Biometrics, FIDO Server, Passkeys, Passwordless, SDK, passkey-as-a-service

Industries

Enterprise, Financial Services / Payments, Telecom / Mobile, Healthcare / Insurance, iGaming, Retail, Online Travel Agencies

Yubico

Booth #S-3300

Contact:

www.yubico.com/contact-us

Website:

www.yubico.com



Yubico is a creator and core contributor to the FIDO2, WebAuthn, and FIDO Universal 2nd Factor (U2F) open authentication standards, and is a pioneer in delivering modern, hardware-based authentication security at scale. YubiKeys are the gold standard for phishing-resistant multi-factor authentication (MFA), enabling a single device to work across hundreds of consumer and enterprise applications and services.

Associated products

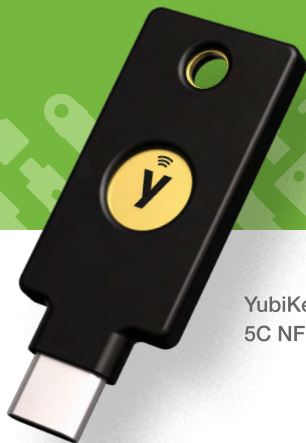
Biometrics, Passwordless, Security Keys

Industries

Enterprise, Financial Services, Payments, Telecom, Mobile, Government, Healthcare, Insurance, Consumer; Education; Energy, Utilities, Oil & Gas; Manufacturing; Pharmaceuticals; Retail, Hospitality

yubico

Not all MFA
is created equal



YubiKey
5C NFC

Say NO to legacy MFA

**Say YES to modern
phishing-resistant MFA**

Stay protected and stop account takeovers
with modern, phishing-resistant MFA with the
YubiKey—hardware security keys supporting
smart card/PIV and modern FIDO authentication.



Want to learn more about the FIDO Alliance?

Stop by our booth, #4310

Check out our website or find us on social media.



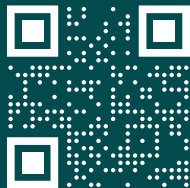
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fido[™]
ALLIANCE | simpler
stronger
authentication

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