AWS re:Invent

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Secure your enterprise collaboration with Wickr

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Agenda

Product capabilities

Built differently

Key features

Bot demo

Q&A

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What is Wickr?

Secure unified communications suite purpose built for enterprise data & communications on trusted and untrusted networks

1:1 and group multimedia messaging and voice memos
End-to-end encrypted ephemeral rooms and conversations

Voice, video, & screen share
Calls & video conference optimized for low-bandwidth environments, groups of 50+

File transfer
Document management and collaboration

Location sharing
Point in time, continuous update, user controlled

Censorship circumvention
Bypass internet filtering and app blocking

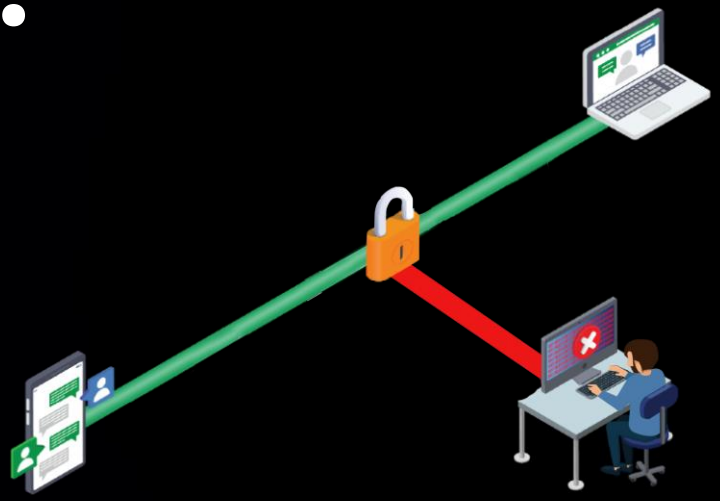
Supportive of enterprise device policies/BYOD
Clients available for major mobile and desktop platforms



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What makes Wickr different?



Advanced multi-layered security with self-healing encryption
256-bit end-to-end encryption (AES-256-GCM, ECDH P521),
perfect forward/backward secrecy, & TLS, FIPS-140-2, NSA Suite-B

Decentralized trust
Authenticated crypto, key verification capabilities, &
client-side MITM protection via ECDSA chaining

Advanced client security
Multifactor authentication, encryption at rest,
network traffic obfuscation, ephemerality, & anti-forensics

Zero knowledge infrastructure
Platform breach cannot compromise message content

Minimization of metadata
Collection and recording of identifying information is minimized across the platform

Wickr Open Access
Used for censorship circumvention, Wickr Open Access will tunnel out of a region that is blocking VOIP calls

aws

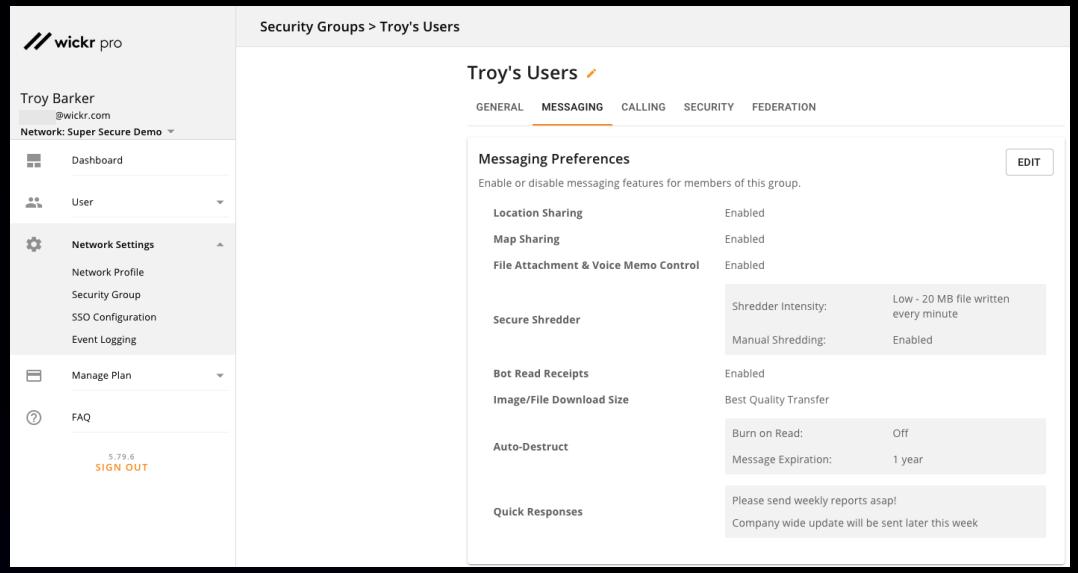
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Key features

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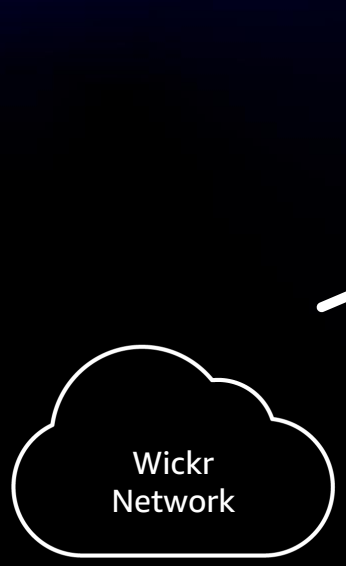
Security groups

Allow for granular feature and security policy assignment for your organization’s users



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Security group hierarchy



Security group 1



Feature set

Messaging
Attachments
Voice
Video

Security policy

Require 2-factor auth
Password Complexity: High
Device reset: 4
Account suspension: 3

Federation

Local federation: Enabled
Global federation: Enabled

Security group 2



Feature set

Messaging

Security policy

Always re-authenticate
Require 2-factor auth
Password complexity: Medium
Device reset: 10
Account suspension: 9

Federation

Local federation: Enabled
Global federation: Disabled

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Global federation

Enables cross-platform communication between Wickr SaaS platforms Me and Pro to self-hosted enterprise

Wickr RAM



Fully accredited DoD ATO IL-4



Global federation



FIPS 140-2 validated crypto



Battlefield deployed & tested



Authorized for gov & personal devices

DoD cloud

Wickr Enterprise



Network administrative console



Global federation



Custom deployments



Integrated with corporate IT



Private labeling

Private/Hybrid cloud

Wickr Pro



Network administrative console



Global federation



Flexible hosting model



Custom integrations



For small- & medium-sized teams

Delivered as SaaS

Wickr Me



Anonymous, private, & ephemeral



Global federation



20B messages

2.2M+ MAU



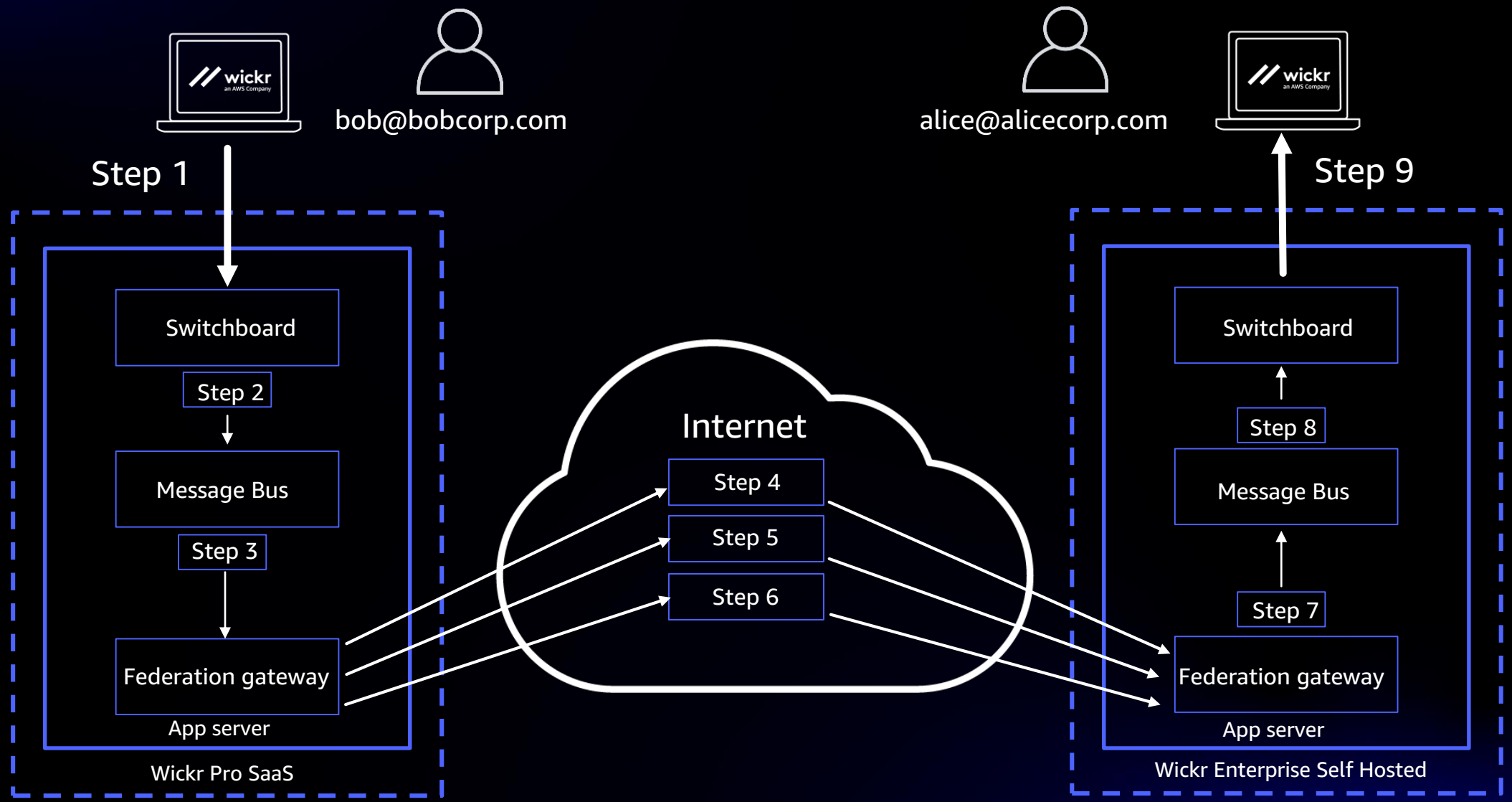
15M+ downloads

Free to use

Messaging, voice, video, file share, screen share on desktop & mobile

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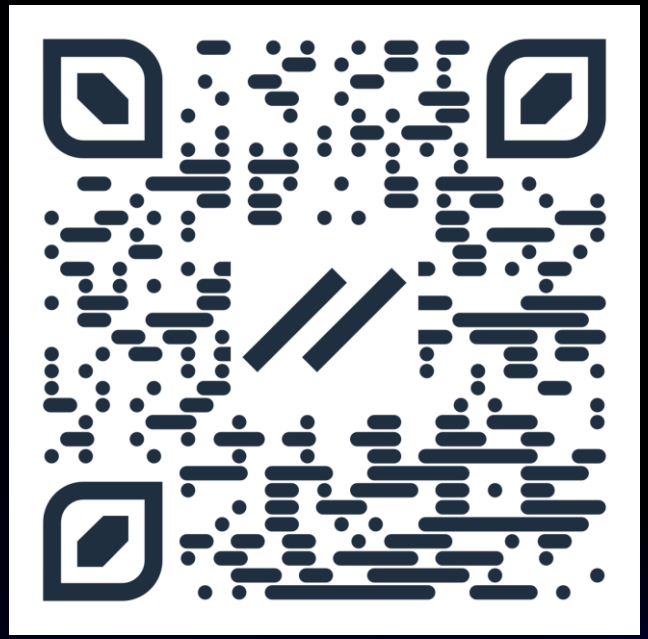
Federated message send flow



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Bots

- Wickr IO integration engine on Docker
- Applications (Broadcast Bot, Compliance Bot, ZenDesk Ticket Bot) written in NodeJS
- Integrations (REST-based APIs)



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Thank you!

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