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Why FIDO2

- **Stop phishing:** cryptographic challenge-response bound to origin
- **Faster UX:** 1-touch login; no codes, no SMS
- **Lower cost:** fewer password resets and lockouts
- **Scales:** factory provisioning and CSV logging for up to 500/day

What to expect

- Defaults: PIN 0000 for new keys, touch-only login, fingerprint optional
- Linux login + sudo today (incl. GNOME lock screen); web apps on all platforms
- Hot-plug ready: user can plug the key when prompted and just touch

Cybersecurity in Germany

- **8 in 10 companies** affected by data theft, espionage or sabotage (2023/24)
- **€267B** total damage to the economy; ~2/3 from cyberattacks (Bitkom 2024)
- BSI 2024: persistently high threat level; ransomware & phishing remain key vectors

Sources: [Bitkom Wirtschaftsschutz 2024](#) · [BSI Lagebericht 2024](#)

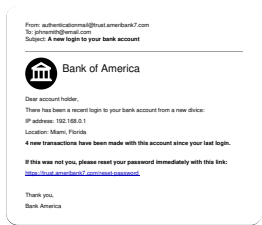


Image: "Example bank phishing email.svg", via Wikimedia Commons (CC-BY-SA-4.0)

Passwordless market (global)

- Market size ≈ **\$21B in 2024**; projected ≈ **\$55–60B by 2030–2032**
- Drivers: phishing risk, compliance, user experience, platform support

Sources: [Grand View Research 2024](#) · [Fortune Business Insights 2024](#)

Passkey adoption

- 2024: more than **15 billion** online accounts can leverage passkeys
- Enterprises report faster sign-ins and fewer account recovery events

Source: [FIDO Alliance \(2024\)](#)

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