Open Source Hardware Security For Cloud Protection

Risks	70% of attacks succeed b/c of passwords, phishing. 2FA and passwordless login protects!	Compromised cryptographic keys can risk company assets. Hardware Security Modules (HSM) are like 2FA for the cloud
Compliance (e.g. GDPR, PCI)	Two-factor authentication (2FA) of users	Cloud/Infrastructure with HSM store cryptographic keys
Solutions	Nitrokeys	NetHSM
Reasons	• Proprietary security devices can't be trusted* • Easy to hide flaws and backdoors in electronics and firmware • Security systems have to be open source • Souvereignty requires trusted hardware made in EU	

* Verbatim, Lepin (2022), Yubico, Safenet, eyeDisk (2019), Samsung, Crucial (2018), Fujitsu, Zalman, Apricorn, Satechi, Startech (2016), Western Digital (2015), Xystec (2012), RSA (2011), Kingston, SanDisk, Verbatim, MXI, Corsair's Padlock (2010), Raidon's Staray-S-Serie (2009), 9Pay, A-Data, Transcend, Digittrade (2008), Excelstor (2005), Lexar (2004)

Nitrokey
secure your digital life