Feature

Securing the blockchain against hackers

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Blockchain technology is transforming the way data is shared and value is transferred. However, there remain significant obstacles that must be overcome before blockchain is ready for mainstream adoption – most notably, security. How to protect both the cryptographic keys that allow access to the ledger and blockchain applications remains a top concern for any organisation or individual interested in using blockchain to transact anything of significant value.

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Protecting cryptographic keys remains a top concern. Using hardware security modules (HSMs) and trusted computers in place of digital wallets and as blockchain nodes will give security-conscious users and organisations assurance that no matter what blockchain application they choose, they have the means to protect digital assets, argues Olivier Boireau of Design SHIFT.