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A key element of public distributed ledger technologies is that anyone hosting a node on the network can a barrier to entry for enterprises and startups who wish to deploy blockchain applications but order to maintain their competi-

# **What Mantle delivers**

Mantle solves the problem of privacy and anonymity by adding an additional layer of security on top of any blockchain application that supports smart contracts.

This enables confidential data to be encrypted within smart contracts and kept anonymous, whilst other data can be shared on the ledger for users to see.

Mantle enables data caching to greatly improve system performance and data retrieval to run application operations.

- Mantle and its layers

Encrypted data





Blockchain platform

# The layers of Mantle include



## Wallet

Generate and store private/public key pairs belonging to a user or to another entity, call Smart Contracts and sign transactions



#### Key recovery

Provides two different kev recovery mechanisms



#### **Anonymity**

Cryptographic key issuance and storage to securely manage the identities of network members



# **GDPR** compliance

Enables the "right to be forgotten"



## **Privacy**

Compatible on most blockchain. platforms, and allows private data to be encrypted and accessed by selected parties



#### Enterprise key management

Integration with AWS Key Management Service and Azure Key Vault



#### Platform independent

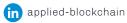
application that supports



AD / LDAP

Directory services integration









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Can be used on any blockchain smart contracts

