



Advantages of a blockchain built for securities



Asset Onboarding

Challenge with general purpose blockchains

Most digital securities are programmed using smart contracts, which means that each new token needs to be integrated individually by custodians, exchanges, and others. Standards like ERC 1400 make this process much more efficient because they standardize the token configuration and eliminate the need for technical due diligence, but there is still room to make the process faster and more automated.

How Polymesh overcomes it

Polymesh is built on the foundation established by ERC 1400, but in contrast to general purpose blockchains like Ethereum, assets on Polymesh are created at the protocol layer, which means that instead of creating a smart contract for each asset, the issuer calls a function and the protocol creates the token natively. As a result, custodians, exchanges, and other market participants can integrate once with the Polymesh blockchain and then quickly onboard new assets, rather than integrating each asset individually.

Assets on Polymesh are created at the protocol layer and as a result custodians and exchanges can integrate once and then onboard new assets quickly.

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