



Worldwide Verifiable Digital Signatures for All!

Verus digital signatures, based on Verus ID, offer the first worldwide verifiable, decentralized, single or multi-sig friendly-name signatures for content such as messages and files, authentication, and attestations, with full support for revocation and recovery in case of key loss or theft.

Bitcoin, which was first to enable worldwide, P2P decentralized blockchain transactions, and most of its derivatives, offer ways to sign messages with specific private keys that can be verified against public addresses. While that does offer some limited signing capability, it does not offer capabilities that can compete with centralized services offering more sophisticated key management. A single public/private key pair lacks critical capabilities to make it suitable as an actual identity, most notable and obvious being the ability to recover from loss or theft of private keys, but arguably as important are friendly name aliases, modifiable multi-sig signing, updates, privacy, and the association of signed attestations by other identities to statements about properties of the identity.

Verus ID enables free verifiable digital signatures for all through the Verus ID protocol as just one of the many new capabilities it enables. It is also the foundation upon which many new applications and additional capabilities can be built.

For example, using Verus ID signatures, it's possible for any journalist anywhere to sign photos, videos, and content, establish a reputation for authenticity, and counter the potential for deep-fakes to make the truth harder to find. Open source projects can now create their own identities and digitally sign their binary releases, ensuring that not only can a file be verified by hash as the one downloaded from a particular server, but by signature as the actual file initially signed by the developer or release engineer. Signatures also form the basis for any attestation of one party to the validity of another. In fact, there are so many applications for digital signatures, from things listed already, to physical entry systems, to workflow applications, to new earning opportunities that a full discussion of use cases would overwhelm these release notes.

In any case, we are happy to release digital signatures for all, and we hope you enjoy using this new, simple capability, maybe even think of a new use case you'd like to pursue yourself as a business opportunity on the Verus Network!