Trusted execution providing simpler and stronger priority access
Rivetz Corp
Richmond, MA
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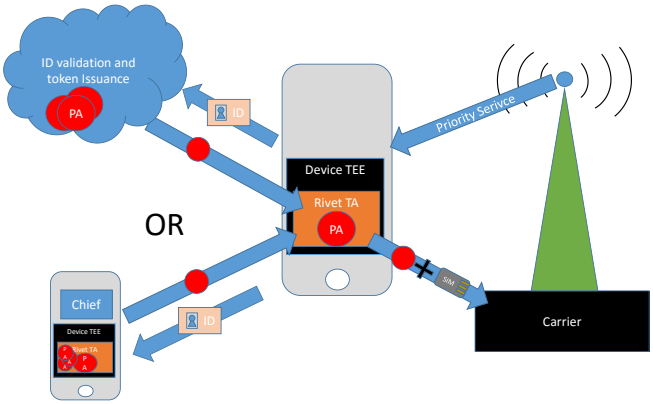
PRIORITY ACCESS



Self Service provisioning of priority access online or in person.

Relevance

- Implement and prove advanced cyber security based on hardware TEE to protect keys and process to grant and revoke Access
- Verify asynchronous identity validation both in person and on-line
- Provide full self-service capability with strong audit and security on limited bandwidth

Commercialization Strategy

- Offer new model of global network service delivery based on device identity.
- Enhance global cyber security for cloud access with a reference implementation of only known devices with a known user in a known condition connected to sensitive networks

Technical objectives

- Demonstrate a fully-operational TEE-protected service to enable granting and revoking subscriber access
- Integrate advanced identity verification with third-party attribute services
- Enable peer-to-peer provisioning for emergency network access
- Integrate attestation of the supply chain integrity of the TEE capabilities

Build plan

- Leverage existing Rivetz platform work and tools to shorten the project lead time
- Support the installed base of over 500 Million commercial devices already in deployed.
- Build for commercial launch

Deliver

Fully-operational alpha for simple & secure subscriber experience in a hostile emergency environment eenenvenvironmentenvironment of an emergency

Milestones

Part 1 – Detailed design specification and crypto protocol architecture
Part 2 – Agile development of grant and revoke services
Part 3 - Integration of advanced identity verification and embedded attestation controls
Part 4 Test and final deliverable for authentication and explore secure messages and proposal specification for Phase II work.

TEAM

Steven Sprague – 20 year veteran of trusted computing, self-encrypting drives, DRM, secure messaging and enterprise TPM.

Michael Sprague – 15 year veteran of advanced DRM and consumer services with TPM and advanced cloud based secure social media.

Sean Gilligan - Master developer with over 15 years of commercial software engineering and core developer on Omnilayer blockchain project.