**Non-Proprietary, Unclassified Data**

**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.

**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

**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

Trusted execution providing simpler and stronger priority access

Rivetz Corp

Richmond, MA

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