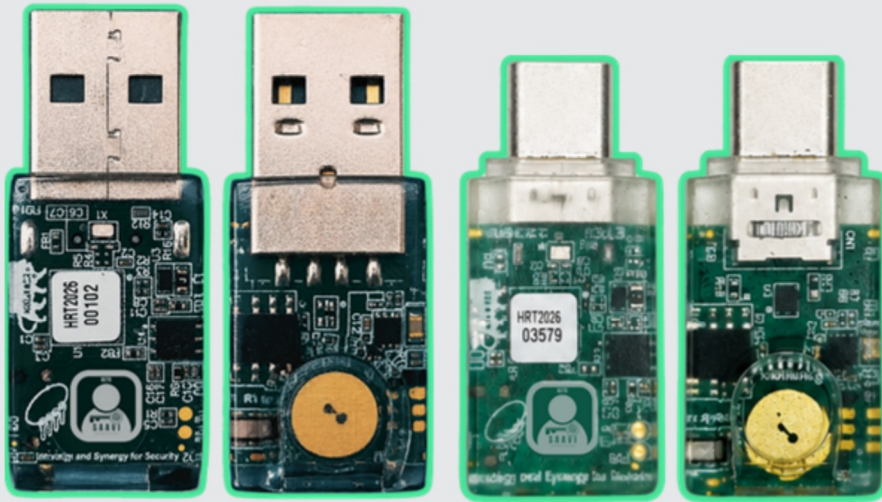




SETS-SAAVI Authenticator

SETS-SAAVI (Secure Authentication and Authorization via Verifiable Identity) is a passwordless, passkey-based authentication framework developed by SETS, built in compliance with the FIDO2 protocol to ensure interoperability across platforms. The framework includes a server-side package with full WebAuthn support for secure registration and authentication workflows. It also features an independent indigenous client-side hardware device designed for strong authentication, providing a robust and phishing-resistant solution for modern digital identity systems.



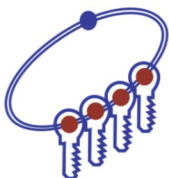
Features:

- ✓ Phishing-resistant authentication mechanism
- ✓ Replay and MitM attack resistant
- ✓ Cross-platform interoperability across web and enterprise systems
- ✓ FIPS 140-3 compliant chip for key storage & operation
- ✓ Supports ECDSA, Ed25519 digital signatures

- ✓ One-Touch authentication
- ✓ Device Attestation capability
- ✓ Device-based Authentication
- ✓ SAAVI Use-end Device Management Tool

Usage Scenario:

- Weblogin Security
- Password-less Authentication
- Username-less Authentication
- Multi-factor authentication (MFA) with hardware-backed credentials
- User Identity Verification



Strategy and Synergy for Security

SOCIETY FOR ELECTRONIC TRANSACTIONS AND SECURITY (SETS)

Cyber Security Research & Development Organization

Under O/o the Principal Scientific Adviser to the Government of India