

NOVAK PROTOCOL LAWS

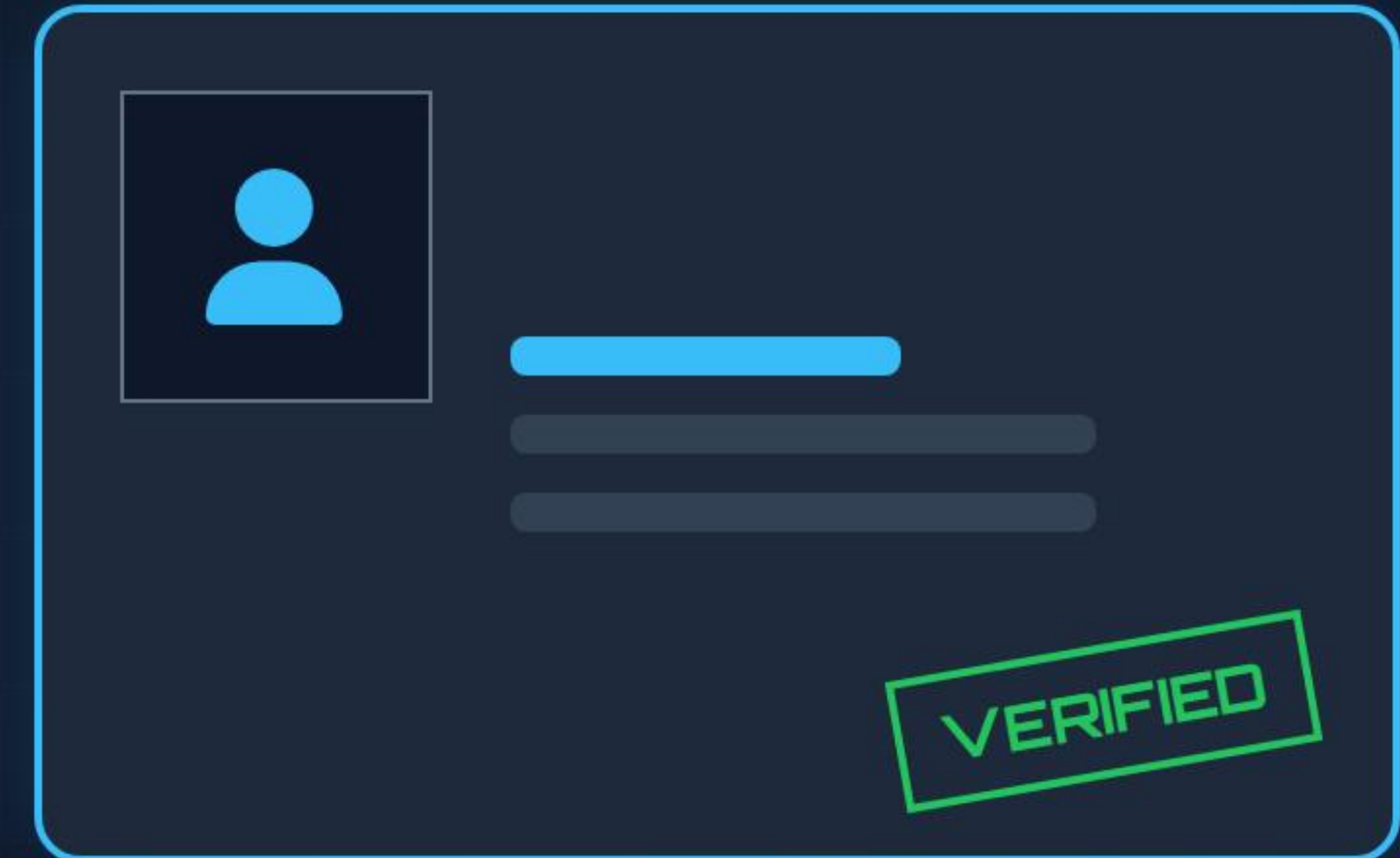
Law L6: Execution Identity

The End of Anonymous Execution

Authoritative Edition

L6 Definition

"Every action must be cryptographically bound to a specific, verified identity. No action may occur anonymously."



The Identity Equation

Identity is not just a username. It is a composite hash.

$$HI = \text{Hash}(\text{Actor} + \text{Device} + \text{Jurisdiction} + \text{Intent})$$

This hash binds the "Who", "Where", and "Why" to the "What".

The 4 Pillars of Identity



Actor

User ID, Service Account, or AI Model ID.



Device

Hardware Root (TPM/PUF) via PL-X.



Jurisdiction

Legal Domain (VA, DoD, EU).



Intent

Behavioral Profile via PS-X.

Auth vs. Binding

Authentication

"Let me in."

Happens once at login. Can be stolen. Session tokens can be hijacked.

Execution Binding (L6)

"I did this specific thing."

Happens at every single action.
Cryptographically sealed to the output.

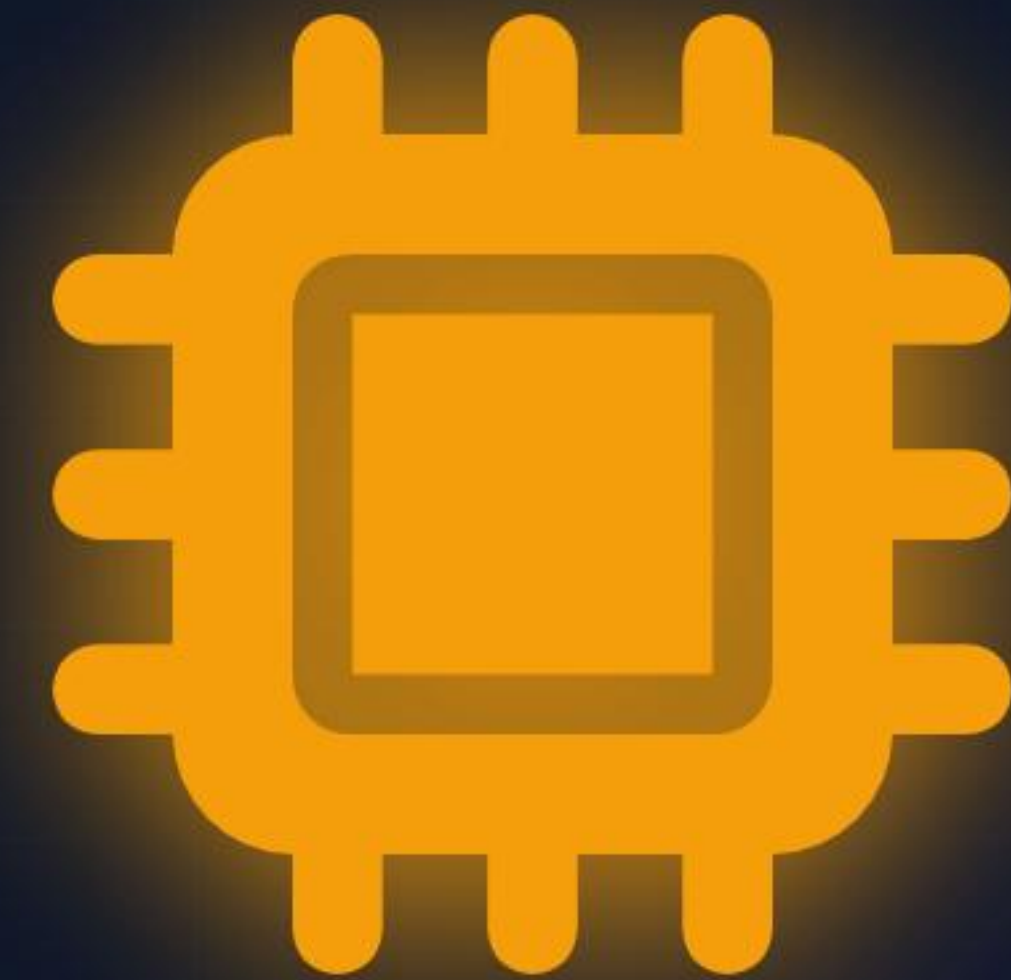
Hardware Roots (PL-X)

Software identity is cheap. Hardware identity is expensive.

 **TPM 2.0:** Trusted Platform Module.

 **PUF:** Physical Unclonable Function.

 **Binding:** The device signs the action.



No Ghost Actions



The Problem

In legacy systems, logs can be deleted, and actions can be "orphaned" (no owner).

The NOVAK Fix

Without a valid Identity Hash (HI), the Safety Gate **blocks execution**. Ghosts cannot act.

The Artifact: EIR

L6 produces the **Execution Identity Receipt (EIR)**.

This is the permanent, immutable proof of who did what.

NOVAK RECEIPT

ID: User_882a...
Device: TPM_77f2...
Action: Approve_Loan
Time: 2025-12-01...

SIG: 0x99a2f...

Summary

The logo consists of the letters 'L' and '6' in a stylized, blocky font. The 'L' is a single vertical bar with a horizontal base. The '6' is formed by a vertical bar and a horizontal bar that curves around to form a loop at the bottom.

Identity
Binding

Accountability

L6 ensures that every digital action has a permanent, undeniable owner. It eliminates the "It wasn't me" defense.

Questions?

NOVAK Protocol Standards Series

Law L6: Execution Identity Law