

REAL MATTER



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iAM SmartGate



iAM Smart Public Access Gate System PoC

- Easy Public Access with Quantum-Secure Closed-Loop Control
- Mobile-Friendly for All Stakeholders
- Government-Grade ID Authentication
- Add-On to Existing Systems



iAM SmartGate



Modernizing Visitor Access, Security, and Quantum Readiness

Built-in public visitor flow or link to iAM Smart eID

Digital signed, one-time, short-lived QR passes

Today's encryption could break in a quantum future

PUBLIC
ACCESS



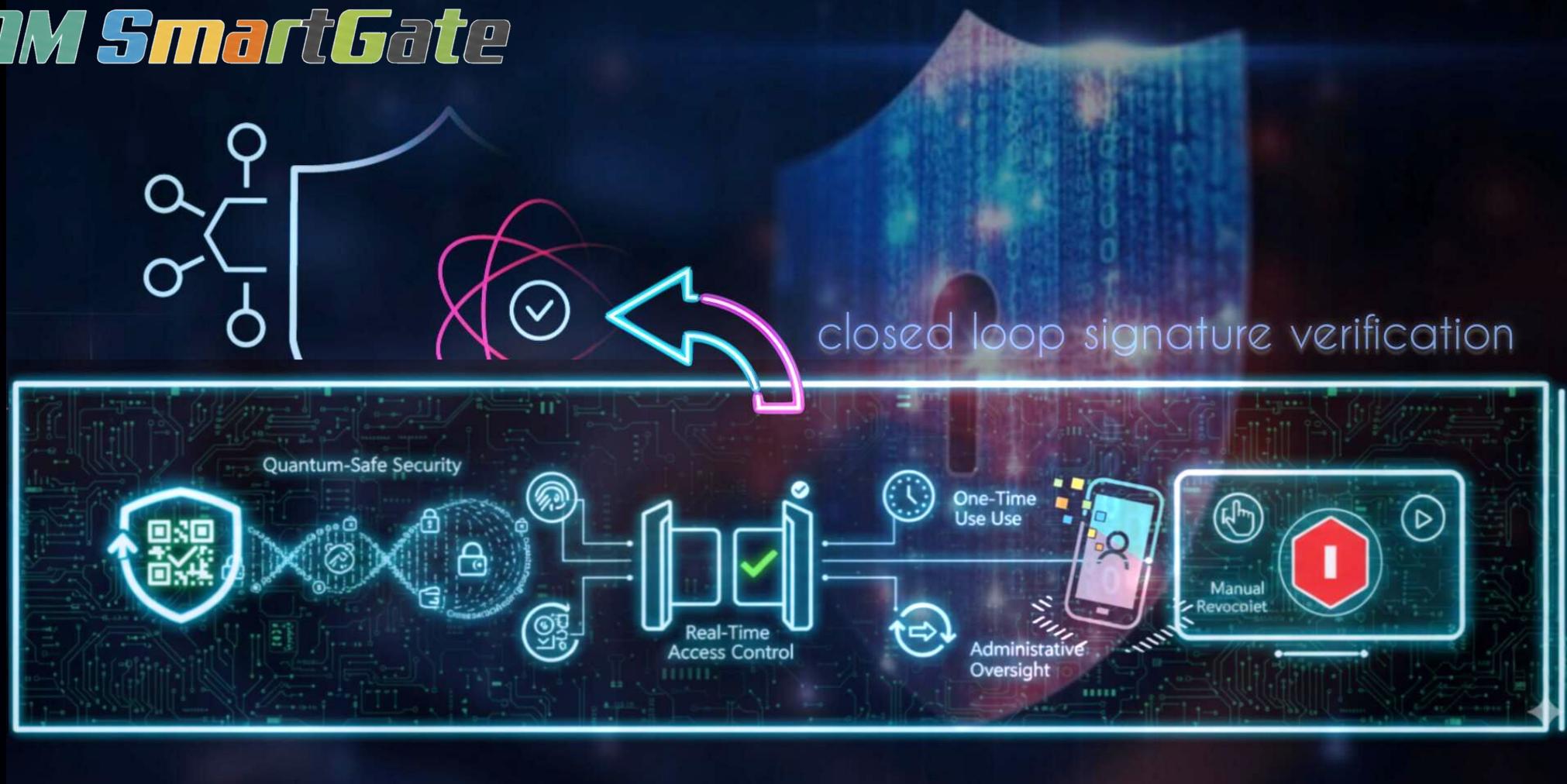


iAM SmartGate





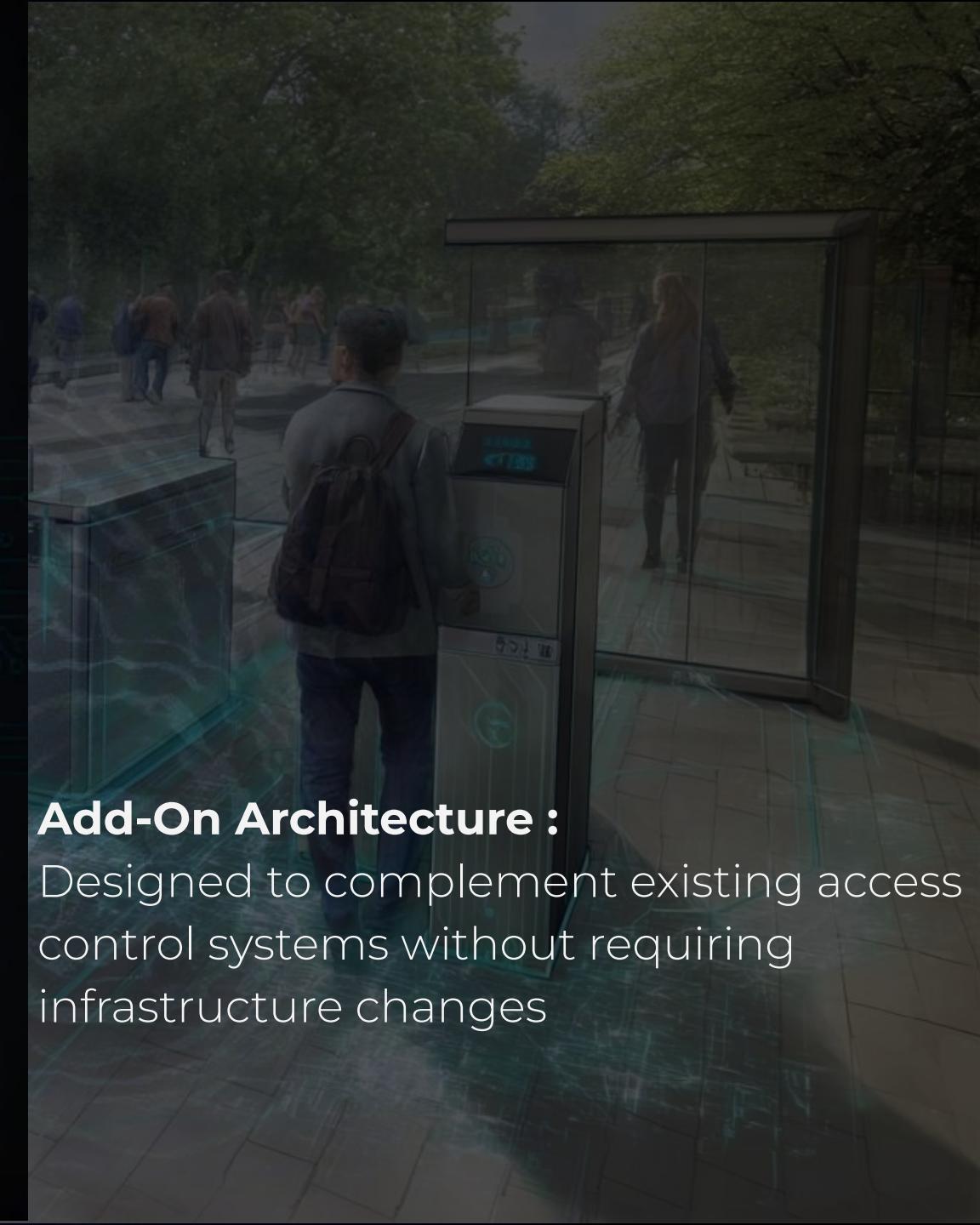
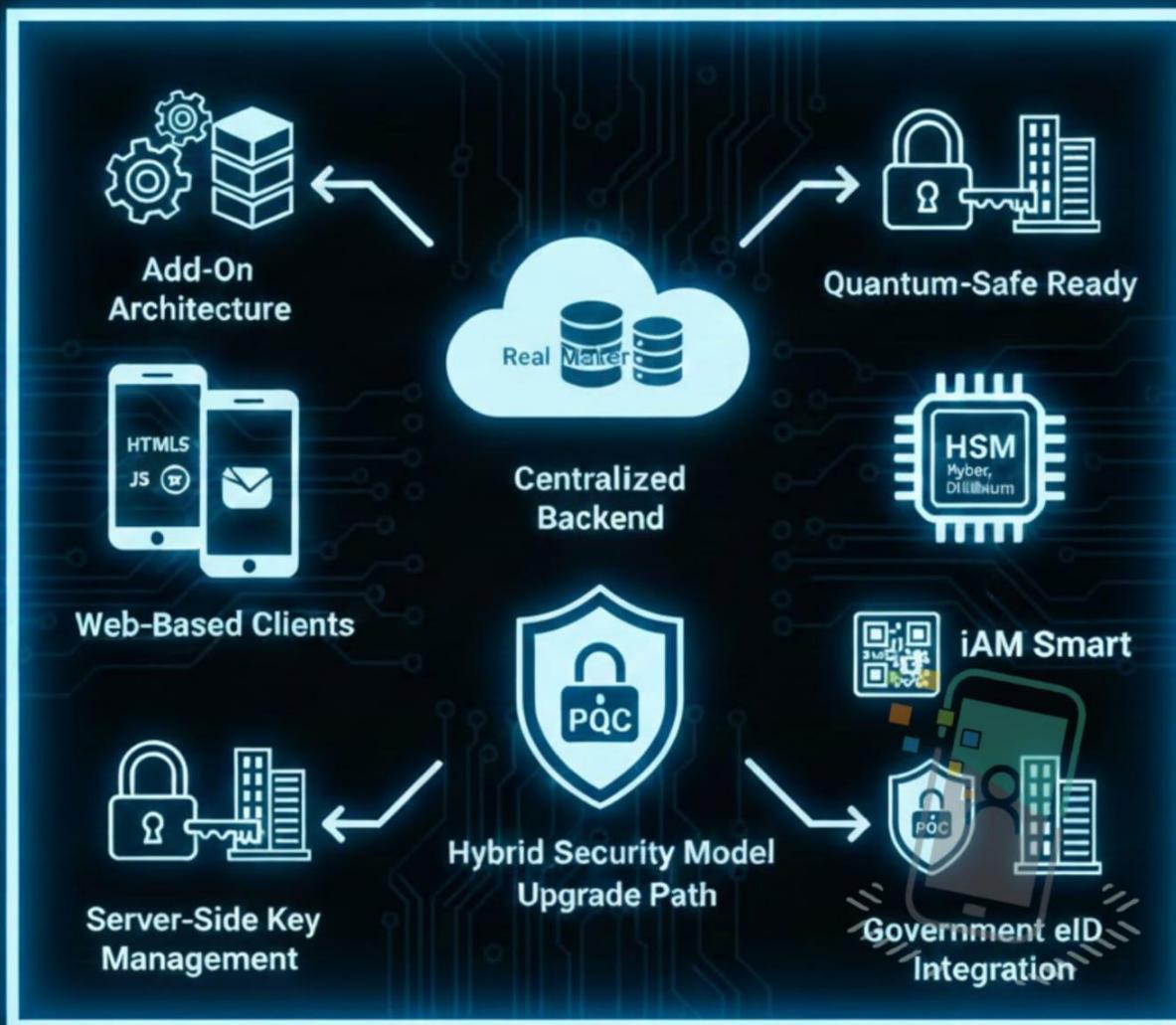
iAM SmartGate



Closed-Loop Security : Gate readers validate quantum-signed QR passes instantly with signature verification, single-use enforcement

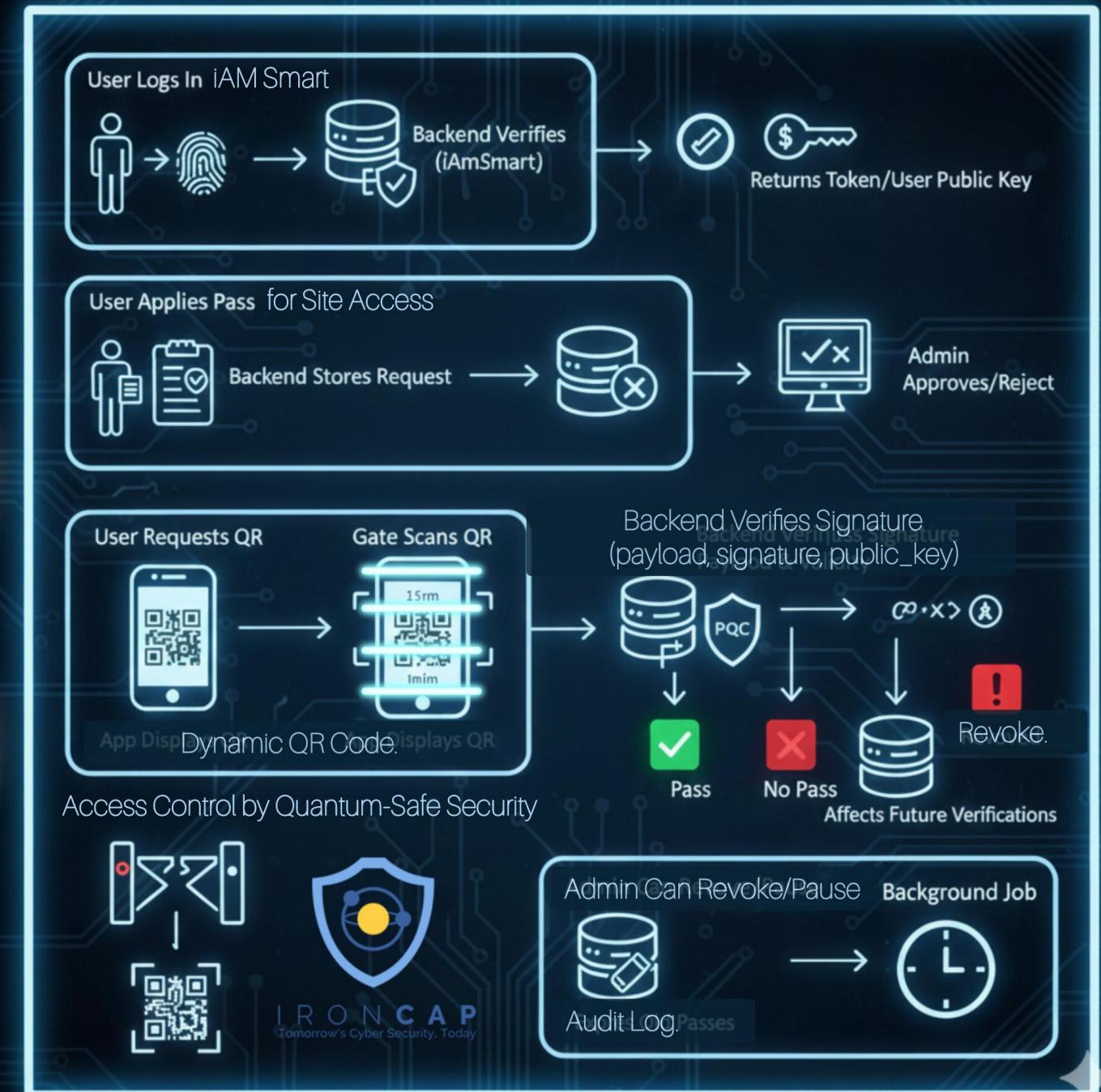


iAM SmartGate



Add-On Architecture :

Designed to complement existing access control systems without requiring infrastructure changes





Mockup Demo



The screenshot shows the Admin Console interface for IAM SmartGate Management & Dashboard. The top navigation bar includes links for Dashboard, Pending Passes, All Passes, Audit Logs, and System Configuration. Below the navigation, a green header bar displays the status "System Active". The main content area features six cards arranged in a grid:

- iAM Smart API: 2 Total Users
- Quantum-Safe HSM: 4 Total Gates
- Quantum-Safe SSL: 0 Pending Requests
- Approved Passes: 1 Approved Passes
- Used Passes: 3 Used Passes
- Revoked Passes: 0 Revoked Passes

Below the cards, there are sections for Site Statistics, Main Campus, Student Halls, and Research Center, each with its own set of statistics.

The screenshot shows the Visitor Pass & User Wallet application running on a mobile device. The top navigation bar is teal with the title "Visitor Pass & User Wallet" and the subtitle "IAM SmartGate". Below the navigation bar are five tabs: "Wallet ID" (selected), "Apply for Pass", "View Status", "My Passes", and "Logout".

The main content area is titled "Access Pass QR Code" and displays a large QR code with a green border. Below the QR code is the text "Pass ID: PASSA4736447C30B".

At the bottom of the screen are two buttons: "Regenerate QR" (green background) and "Back to Passes" (white background). A sidebar on the left contains a "Debug Log" section with the following entries:

- [下午5:09:36] QR code displayed for pass: PASSA4736447C30B
- [下午5:09:36] Navigating to qr-page
- [下午5:09:36] QR code rendered

A red "Logout" button is located at the bottom right of the screen.

The image shows the "Access Gate QR Code Reader" app interface. At the top, it says "Scan Result". Below that is a large green box containing a green square with a white checkmark and the text "ACCESS GRANTED". Underneath this, in a light gray box, are "Pass Details": Pass ID: PASSA4736447C30B, User: USER, Site: SITE001, Purpose: PURP001. There are two buttons at the bottom: a teal "Scan Another" button with a camera icon and a white "Back to Gate Info" button with a back arrow icon.

Pass Details

Pass ID: PASSA4736447C30B
User: USER
Site: SITE001
Purpose: PURP001

Scan Another

Back to Gate Info

REAL MATTER TECHNOLOGY LIMITED

@ Hong Kong Science Park

Established

2022 \| 7 team members

Supported by

Hong Kong Science Park

Hong Kong Metropolitan University

Mission

Revolutionizing Web3 Finance &

Governance through Chip Security

Competitive Edge

Quantum-Safe Entropy Fabrication

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