

# REAL MATTER



# iAM SmartGate



REAL MATTER

*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



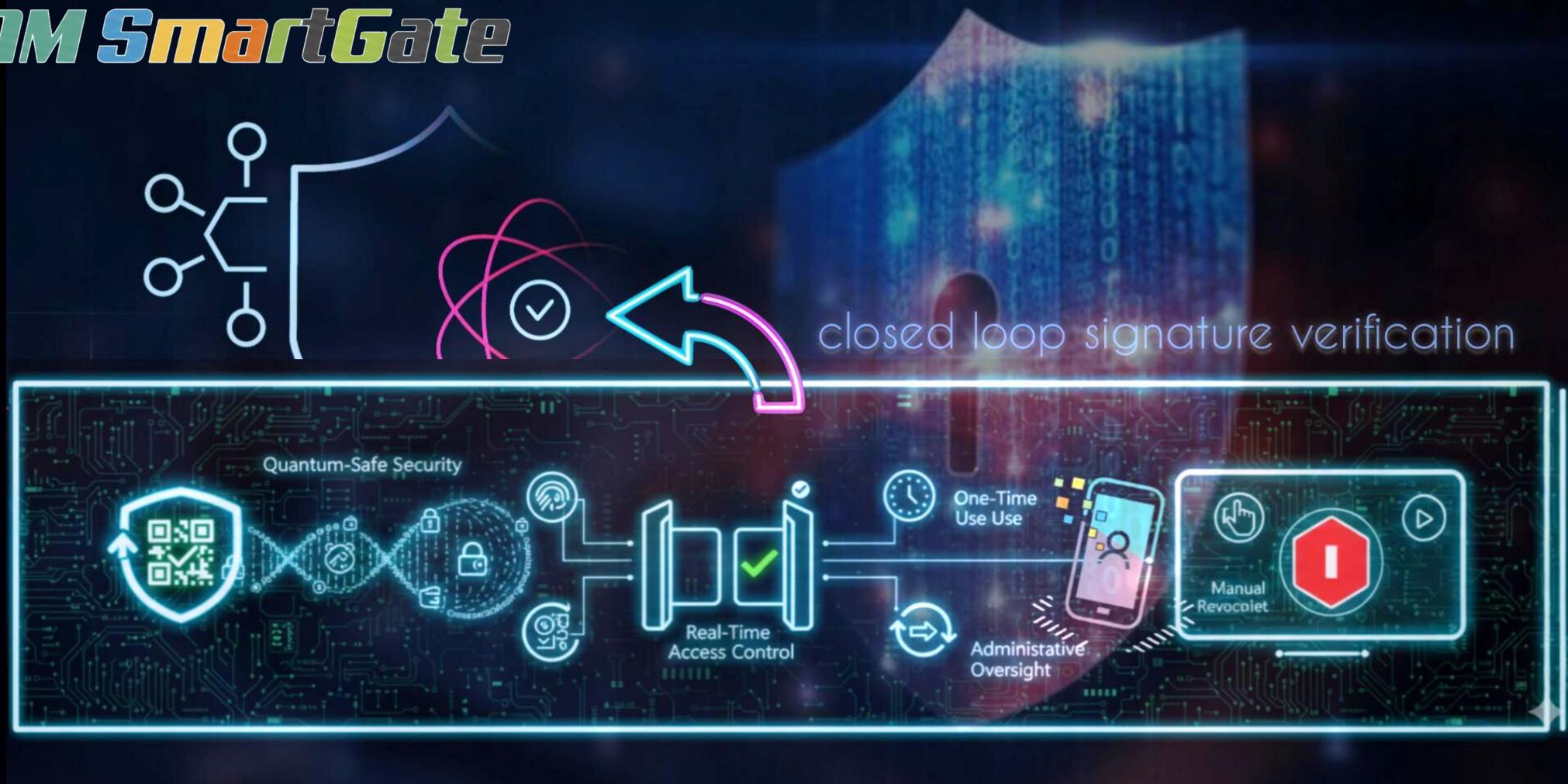


# iAM SmartGate





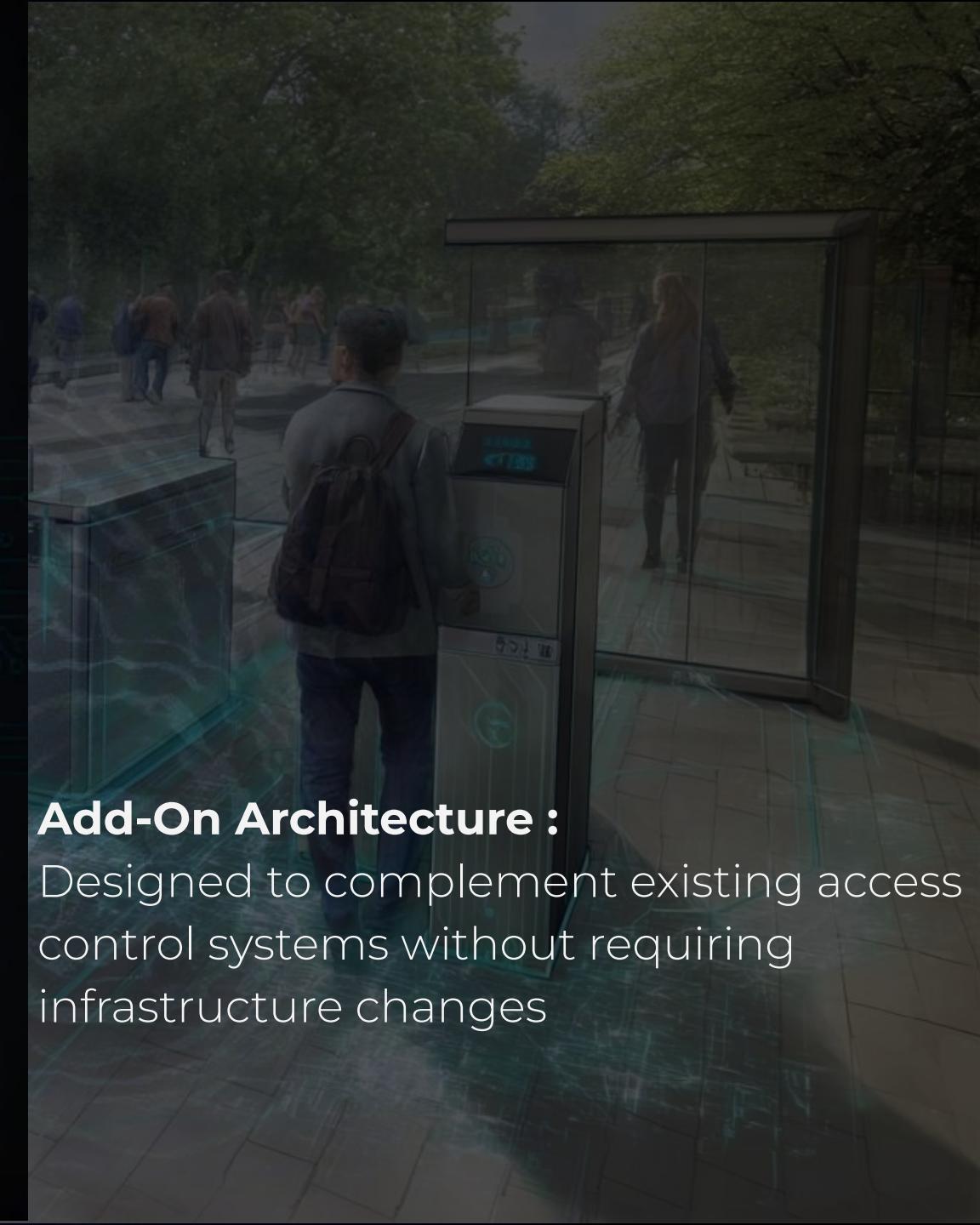
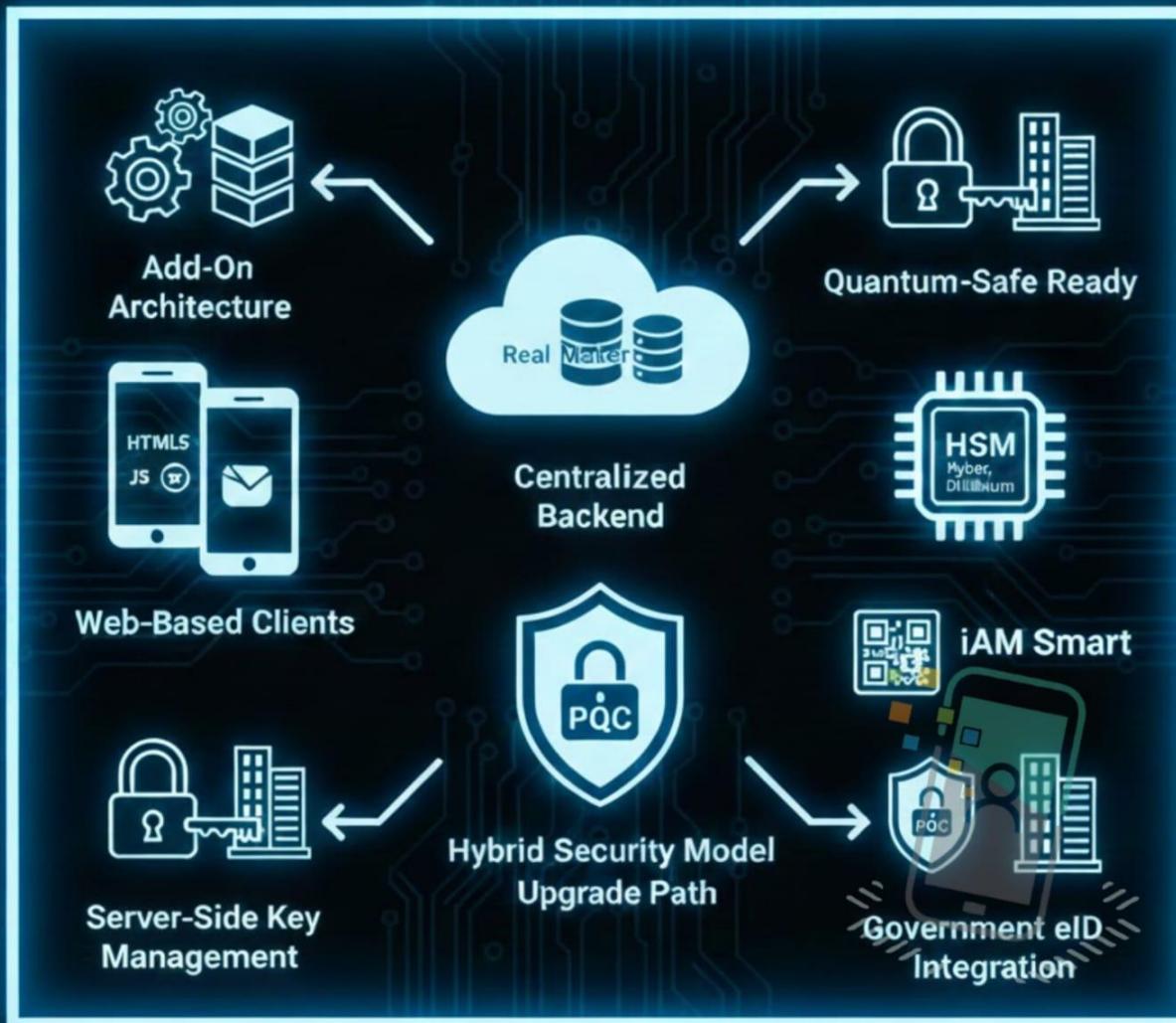
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**Closed-Loop Security :** Gate readers validate quantum-signed QR passes instantly with signature verification, single-use enforcement

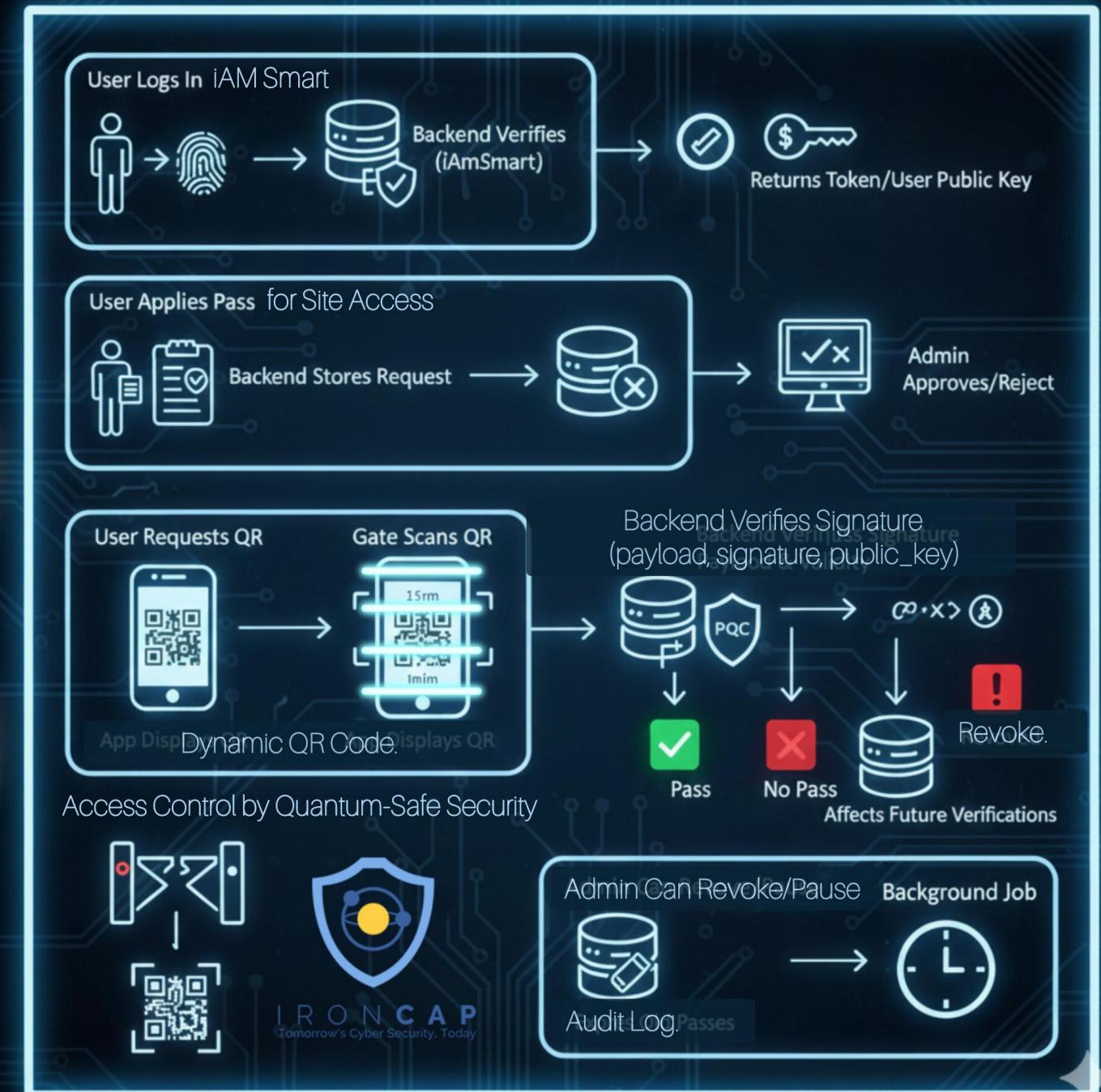


# iAM SmartGate



## Add-On Architecture :

Designed to complement existing access control systems without requiring infrastructure changes





# iAM SmartGate

## Mockup Demo



## Youtube



### Admin Console

iAM SmartGate Management & Dashboard

System Active

**Total Users: 2**

**Total Gates: 4**

**Pending Requests: 0**

**Approved Passes: 1**

**Used Passes: 3**

**Revoked Passes: 0**

#### Site Statistics

Main Campus

Approved: 1	Pending: 0	Used: 2	Revoked: 0
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Student Halls

Approved: 0	Pending: 0	Used: 1	Revoked: 0
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Research Center

Approved: 0	Pending: 0	Used: 0	Revoked: 0
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### Visitor Pass & User Wallet

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Wallet ID:  Apply for Pass  My Passes

#### Access Pass QR Code

42

Pass ID: PASSA4736447C30B

#### Debug Log

```
[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  
[下午5:09:36] Generating QR code for pass: PASSA4736447C30B  
[下午5:09:36] QR code generated and saved to file  
[下午5:09:36] Scan result: Pass
```

### Access Gate QR Code Reader

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#### Scan Result

ACCESS GRANTED

#### Pass Details

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

#### Debug Log

```
[下午2:09:29] Ready to scan QR code  
[下午2:09:29] QR code detected at position [30, 40, 200, 250]  
[下午2:09:29] QR code decoded: PASSA4736447C30B  
[下午2:09:29] Scan result: Pass
```

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*

[www.realmatter.io](http://www.realmatter.io)