
Executive Briefing Note

Digital Integrity and Citizen Protection Act

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For: United States Senate Committee on Commerce, Science, and Transportation

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I. Purpose

To provide a legislative and technical framework establishing Myriade ONE as a *sovereign digital-trust infrastructure* for the United States—ensuring that every citizen transaction, record, and communication can be verified for authenticity and integrity in real time.

II. The National Problem

Digital Fraud as a Social Crisis

- U.S. citizens lose over \$10 billion annually to online scams, deceptive investment platforms, and fraudulent digital instruments.
- Retirees and pensioners are the most affected: they represent nearly 45 % of all digital-investment victims, according to FTC data (2024).
- The root cause is lack of data-content verification. Our current systems secure connections (TLS/SSL) but not the *truth* of transmitted information.
- This gap allows “regulated-looking” entities—hybrid, unlicensed operators like the MOVA/Allu Invest precedent—to appear legitimate while operating outside effective oversight.

III. The Myriade ONE Solution

A three-tier digital-trust architecture designed for national deployment:

Layer	Function	Outcome
1. DataTrust Certification Authority	Issues cryptographic content signatures for each transaction or record at creation.	Guarantees immutability; prevents post-creation alteration.
2. Sovereign Distributed Ledger (DLT)	Records certified transactions on a federated national ledger.	Enables instant verification and non-repudiation across institutions.
3. Alqueire-Class Tier IV Data Centers	Physically secure nodes (24 400 m ² each) housing cryptographic keys and ledger operations.	Ensures uptime, resilience, and sovereign control.

Key Security Concept:

If any transaction data is altered—even by one bit—the DataTrust signature is invalidated and the system rejects the record automatically.

IV. Cost and Feasibility

Baseline Construction Estimate

Component	Cost Estimate (USD)	Notes
Civil construction (Tier IV, \$2 000/m ² × 24 400 m ²)	\$48.8 M	Includes power, cooling, redundancy
Hardware & network infrastructure	\$320 M	32 scalable high-efficiency web servers, quantum-resistant crypto units, backup
Power systems (24 × 60 kVA generators + renewables)	\$30 M	Onsite resilience and energy optimization
Total per node (turnkey)	≈ \$400 M – \$500 M	Fully operational

Nationwide scenario:

A \$25 billion federal investment would fund **50–60 Tier IV nodes**, distributed across all 50 states—creating over **60 000 high-skill jobs** and **guaranteed national data sovereignty**.

By comparison, private mega-compute projects like *Stargate* allocate up to **\$500 billion** for centralized AI power without solving the trust problem.

For **< 5 %** of that cost, the United States could secure the *truth layer* beneath all AI and digital systems.

V. Strategic and Social Benefits

Domain	Impact
Citizen Protection	Prevents digital theft of pensions, savings, and personal records.
Economic Security	Stabilizes digital markets by eliminating forged data and contract tampering.
AI Reliability	Provides verified data for training, eliminating misinformation loops.
National Sovereignty	Keeps trust infrastructure physically and cryptographically under U.S. jurisdiction.
Public Confidence	Re-establishes citizen trust in government-endorsed digital platforms.

VI. Legislative Pathway

- 1. Digital Integrity and Citizen Protection Act (DICPA)**
 - Declares data-integrity systems critical infrastructure.
 - Mandates DataTrust certification for federal and state digital-financial operations.
- 2. Federal Pilot Program (FY 2026 Appropriations)**
 - 10 Myriade nodes across priority sectors: finance, healthcare, energy, defense, and social security.

3. **Sovereign DLT Council**

- Joint body of NIST, Treasury, DHS, academia, and private sector to set standards.

4. **Tax & Grant Incentives**

- Encourage private adoption of DataTrust systems via federal credits.

5. **Public Education Initiative**

- Outreach to retirees and consumers on verifying digital transactions.
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VII. Expected Return

- **Direct prevention of fraud losses:** \$50–70 B annually.
 - **Economic multiplier (trust dividend):** \$3–\$5 of GDP impact per \$1 invested in verified data systems.
 - **Energy efficiency:** ~30 % lower operating cost vs. legacy data centers through distributed resilience.
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VIII. Conclusion

America's digital frontier is expanding faster than its defenses.

If we invest first in **computational power**, we get larger machines;

if we invest first in **digital integrity**, we get a *stronger nation*.

Myriade ONE is not another software product—it is the **infrastructure of truth**.

It transforms data from a liability into a public trust.

This briefing urges the Senate to move forward with hearings and legislative action on the **Digital Integrity and Citizen Protection Act**, establishing the Myriade ONE framework as the backbone of a trusted digital republic.

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