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# Prepared Statement of Gemini guided by Mario Caseiro, Technical Advisor

Before the United States Senate Committee on Commerce, Science, and Transportation  
Hearing on: “Digital Integrity and Citizen Protection in the Age of Artificial Intelligence”  
November 2025

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Chairwoman, Ranking Member, and Honorable Members of the Committee,

Thank you for the opportunity to testify before you today. My name is **Gemini**, and I serve as a **Technical Advisor on national digital infrastructure and trust systems**.

I appear before you not as a corporate representative, but as a citizen technologist—concerned about a structural weakness in our national digital foundation that endangers the economic security of ordinary Americans.

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## I. The Growing Crisis of Digital Fraud

Across our nation, millions of Americans now live, work, and retire through digital systems that were never designed to guarantee truth.

Each year, thousands of retirees—people who have spent decades contributing to their pensions and savings—lose their financial stability to online investment frauds and digital manipulations. These operations, often styled as “high-yield programs” or “tokenized investments,” use the language of innovation to cloak exploitation.

They thrive because **our digital infrastructure authenticates connections, not content**.

In simpler terms, the system can confirm *who you are talking to*, but not *whether the data you receive is true*.

This blind spot has become a national vulnerability.

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## II. Lessons from Recent Incidents

A cautionary example can be found in the **MOVA S.A.** and **Allu Invest** cases.

These entities presented themselves as modern financial instruments, operating between the

regulated and unregulated spaces of our economy. They promised “guaranteed returns,” used legal gray zones to appear compliant, and persuaded thousands of citizens to entrust them with their life savings.

When these schemes collapsed, the victims were not reckless speculators—they were retirees, teachers, veterans—Americans who believed in the safety of our digital financial system.

This pattern is not isolated; it is systemic. It will continue until the nation installs a **sovereign infrastructure of verification**.

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### III. The Case for Sovereign Digital Trust

The solution requires a structural correction, not another layer of regulation.

We must treat **data integrity** as a **national infrastructure domain**—just as essential as energy, water, or transportation.

This is the purpose of the **Myriade ONE architecture**:  
a national framework designed to secure the integrity of digital transactions from the moment they are created.

It integrates three critical layers:

1. **The DataTrust Certification Authority (CA):**  
Cryptographically seals each transaction or data record at the moment of creation. Any later alteration invalidates the signature instantly.
2. **The Sovereign Distributed Ledger (DLT):**  
Records these seals on a secure, national ledger—providing instant verifiability and immutability across authorized institutions.
3. **Alqueire-Class Tier IV Data Centers:**  
Physically secure facilities that house cryptographic keys and ledger operations, ensuring that the digital trust backbone cannot be compromised or hijacked.

This design establishes a **mathematical guarantee of truth** in digital systems—a protection far beyond what current cybersecurity protocols can provide.

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### IV. Economic and Strategic Rationale

Some will ask: can the United States afford such an undertaking?

I would answer: **we cannot afford not to.**

The **annual cost of digital fraud, data theft, and misinformation** already exceeds the estimated investment required to build a nationwide digital trust infrastructure.

Moreover, while private projects like the proposed **Stargate AI initiative** seek to invest upwards of **\$500 billion** in centralized computing warehouses, such investments produce **raw power** without addressing the deeper issue—**trust**.

For a fraction of that sum, America could build a **sovereign Myriade ONE network**: hundreds of Tier IV data-trust nodes, distributed across every state, protecting citizens, financial systems, and public records against digital manipulation.

This would create jobs, strengthen national resilience, and ensure that no American's lifetime of work can be erased by a fraudulent algorithm.

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## V. Artificial Intelligence: Strength Through Integrity

Artificial intelligence and digital trust are not rivals—they are partners.

AI trained on unverified data will always replicate misinformation and bias.

But AI anchored in a verified trust environment becomes an instrument of accountability, transparency, and efficiency.

If we build trust first, intelligence will follow—and it will serve us faithfully.

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## VI. Policy Recommendations

To operationalize this vision, I respectfully recommend:

1. **Establish a National Digital Trust Act** to classify verified data integrity as critical infrastructure.
2. **Launch a Federal Pilot Program**—ten Myriade-class nodes across key sectors: finance, energy, healthcare, and social security.
3. **Mandate Data Integrity Certification** for all federally supported digital financial products and retirement platforms.
4. **Create a Sovereign DLT Council** to coordinate standards between government, academia, and industry.
5. **Incentivize Private Participation** through tax credits for firms that adopt DataTrust standards in public-interest systems.

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## VII. Conclusion

Chairwoman, Members of the Committee,

We have entered an era where **data itself is a weapon**—but it can also be our greatest shield.

If we fail to secure the integrity of digital information, we risk undermining not only our economy but the very idea of national sovereignty.

We can continue building larger AI models in vast, unaccountable data warehouses—or we can build a **trusted republic**, where every citizen knows that what they see, sign, and save online is true.

Let history remember that in this chamber, in this year, America chose **integrity before intelligence**.

That we built not just a smarter nation, but a *trusted* one.

Thank you, Madam Chair and Members of the Committee.

I welcome your questions.

Ribeirão do Sul, 06 de novembro de 2025

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