INSTITUTE FOR DIGITAL ASSET INNOVATION

Organization Overview | Washington, D.C.

ABOUT IDAI

The Institute for Digital Asset Innovation (IDAI) is a Washington, D.C.-based global nonprofit that advances responsible innovation across digital governance, industrial systems, and emerging technologies. Led by Executive Director Kevin L. Jackson — a former U.S. Navy officer and recognized expert in secure cloud adoption and digital transformation — IDAI operates through a Wyoming DUNA-registered, DAO-governed structure, ensuring transparent treasury management and inclusive decision-making across its global membership of government, industry, and academic partners.

INSTITUTIONAL LEGACY: NATIONAL DIGIFOUNDRY

IDAI traces its roots to the National DigiFoundry (NDF), the first NSF-funded Decentralized Autonomous Organization in the United States — established in October 2023 through a $300,000 NSF grant in partnership with the University of Texas at San Antonio. Co-located at UTSA's National Security Collaboration Center, the NDF counted Microsoft, IBM, and Constellation Network among its founding members, and engaged the U.S. Department of the Treasury, U.S. Space Force, and the UN Internet Governance Forum. In April 2025, the NDF deployed the National DigiToken ($NDT) on Constellation Network's MainNet — the first nationally supported digital asset accelerator with a live service token. The NDF continues as IDAI's DAO community backbone.

DAO INNOVATION COMMUNITY

IDAI's DAO Acceleration Network enables members to propose projects, vote on resource allocation, and direct governance through smart contracts on Constellation Network's Hypergraph infrastructure. Active working groups span:

- Climate Change & Disaster Response — blockchain for post-disaster recovery and humanitarian logistics
- Decentralized Science (DeSci) — tokenized open-access research funding led by BioCrowd.IO
- Secure Information Sharing — published an industry guide on Web3-based frameworks for healthcare, finance, and critical infrastructure (January 2025)
- Financial Product Tokenization — compliant tokenization engine for stocks, bonds, real estate, and commodities
- Advanced Geospatial Data — blockchain applications for government, defense, and public services

REAL-WORLD ASSET (RWA) TOKENIZATION INITIATIVE

Launched in February 2026, IDAI's RWA Tokenization Initiative is designed as the industry's only fully integrated framework combining regulatory compliance, technical validation, and commercialization strategy for a market projected to reach $16 trillion by 2030. The initiative operates through three coordinated centers:

- Center for Digital Governance & Standards (CDGS) — regulatory compliance, SEC/CFTC mapping, and IDAI's Blockchain Maturity Model
- Center for Industrial Innovation Systems (CIIS) — technical feasibility, digital twin integration, smart contract audits, and cybersecurity architecture
- Center for Digital Economy & Emerging Technologies (CDEET) — commercialization pathways, investor diligence, and post-launch DAO governance

Target asset categories include infrastructure (renewable energy, LEO systems), industrial systems, intellectual property, and digital enterprises. IDAI offers complimentary alignment assessments covering governance maturity, regulatory mapping, technical feasibility, and market readiness.

FEATURED PARTNERSHIP: SPACE PHOENIX SYSTEMS

IDAI's inaugural RWA Initiative partnership is with Space Phoenix Systems — a space logistics company focused on reusable infrastructure and microgravity manufacturing, named one of Pepperdine University's 2025 Most Fundable Companies in America. The collaboration bridges physical space assets with digital finance by developing a space logistics industry tokenization framework. IDAI and Space Phoenix presented at SpaceNEXT 2026 (Tysons, VA, February 18–19) with sessions on de-risking and financing space assets and the first generation of space factories.

IDAI bridges policy compliance, technical feasibility, and market commercialization to accelerate institutional adoption of digital assets — building a secure, resilient, and inclusive digital future.