

DTCC Digital Launchpad



BEYOND EXPERIMENTATION: BUILDING A SCALABLE PATH FOR DLT

The financial services industry is primed to fully embrace distributed ledger technology (DLT) driven by the need for greater efficiency, transparency, and scalability. However, the path to full-scale implementation is hindered by the complexity of industry collaboration and the high costs associated with iterative experimentation. To overcome these barriers, a cost-effective, scalable environment for innovation is essential – one that allows projects to move from concept to production, and provides a common place for capital markets players to align on incentives to drive critical scale while preserving the stability of financial markets today.

INTRODUCING THE FUTURE OF DIGITAL INNOVATION

DTCC Digital Launchpad is an open, innovation-friendly ecosystem where market participants, technology providers, and others can collaborate to achieve scalable digital adoption. At its core, the Launchpad is a multi-cloud technology platform with flexible connectivity options to a variety of public and private blockchain networks, a set of foundational Web3 tools that deliver core blockchain capabilities, and DTCC Digital Assets platforms to enable rapid development of scalable solutions with an end-to-end life cycle. In addition to DTCC's ComposerX™ production-ready digital assets suite of platforms, the Launchpad will also host products and services from leading fintech partners to allow participants to build and experiment with different kinds of technology solutions.

DTCC DIGITAL LAUNCHPAD | HOW IT WORKS

DTCC Digital Launchpad provides access to multiple blockchain networks, reducing adoption barriers for industry participants. Participants can connect to the Launchpad using either DTCC-hosted nodes or self-hosted infrastructure. In addition, the Launchpad can also enable access via Remote Procedure Calls (RPCs) and Application Programming Interfaces (APIs), providing participants with uninterrupted interaction with blockchain networks while adapting to any technology stack, including participants' existing applications.

DTCC Digital Launchpad features ComposerX suite of platforms — spanning the entire digital assets life cycle, including:

ComposerX™ Factory

Allows for creation of compliant tokens and smart contracts for on-chain real-world financial assets and mid/back-office workflow automation.

ComposerX™ Capital Markets Platform

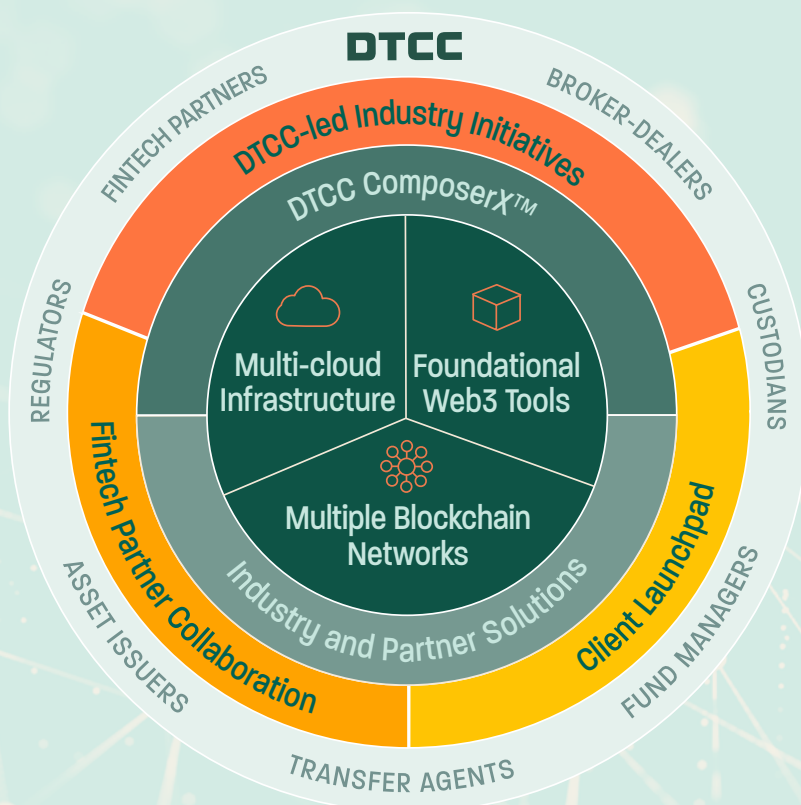
Supports full-stack token life cycle management, asset servicing and investor management.

ComposerX™ LedgerScan

Automates integration between digital ledgers and traditional finance data workflows, including allowing users to monitor and track on-chain assets for regulatory, risk and business reporting and advanced analytics.

DTCC Digital Launchpad will also feature an evolving selection of curated products and services from our fintech partner program, empowering the industry to build digital asset solutions with world-class technology, facilitating at-scale development and testing. It also provides private, dedicated environments for participants to develop their own pilots with platforms from DTCC and our fintech partners while leveraging our in-house expertise to bring their solutions to market.

INTEGRATED VIEW FROM DTCC DIGITAL LAUNCHPAD ECOSYSTEM



KEY FEATURES AND BENEFITS

➤ Scalable, multi-cloud infrastructure with end-to-end capabilities for participants at all stages of their digital asset journeys.

➤ Access to DTCC Digital Assets' production-ready platforms for pilots and industry initiatives spanning the entire tokenization life cycle.

➤ Availability of products and solutions from top fintech providers.

DTCC Digital Launchpad provides both shared and dedicated environments for participants to collaborate on industry solutions with DTCC or develop their own solutions in a private environment. The objective is to provide flexibility for clients at different stages of their digital journey.

- 1. Industry Launchpad** – An open ecosystem for broad collaboration. These strategic initiatives are designed to align market participants around solutions which address critical pain points and pave the way for scalable solutions that drive industry-wide transformation.
- 2. Client Launchpad** – A dedicated space to leverage comprehensive digital asset capabilities from DTCC Digital Assets. Clients can explore new business models and develop their own innovative use cases without substantial investment. DTCC's professional services team is on hand to offer guidance and provide product support to bring these initiatives to production.

DIGITAL ASSET ADOPTION CHALLENGES

DTCC Digital Launchpad addresses the key challenges market participants encounter on their digital assets journey. It accelerates digital adoption and eliminates barriers to progress by providing a common infrastructure that drives experimentation and collaboration. By supporting organizations at every stage of their digital transformation, DTCC Digital Launchpad facilitates development of scalable solutions that establish a robust foundation for a digital asset-driven financial ecosystem, enabling the transition from innovation to full-scale production.



EXPERIMENTATION WITH PRODUCTION-READY PRODUCTS THAT CAN SUPPORT THE ENTIRE DIGITAL ASSET LIFE CYCLE

CHALLENGE: Many financial institutions lack the technology infrastructure, expertise, and guidance to experiment with digital assets. They also require training and consulting to develop use cases and design solutions.

SOLUTION: **DTCC Digital Launchpad** provides ready-to-use environments with integrated DTCC **ComposerX** platforms and access to expert support, empowering institutions to innovate with confidence.



UNDERSTANDING THE IMPACT OF TOKENIZATION AND SMART CONTRACTS ON BUSINESS MODELS

CHALLENGE: Understanding the full potential of tokenization and smart contracts is challenging without direct experimentation. To date, the industry has relied on estimates to understand and quantify the benefits of DLT for their businesses, lacking real-world validation of these assumptions. Additionally, the high costs associated with large-scale experiments have hindered meaningful exploration of these technologies.

SOLUTION: **DTCC Digital Launchpad** offers a cost-effective testing environment where implementation barriers are abstracted, allowing users to develop and evaluate new solutions.



DRIVING SCALE AND ADOPTION OF DIGITAL MARKET INFRASTRUCTURE

CHALLENGE: Many transformative initiatives are conducted in siloed environments with limited transparency, often spearheaded by firms heavily invested in digital assets. This limits broader participation across the market.

SOLUTION: As a leading provider of infrastructure, DTCC is positioned to unite the market through our **Digital Launchpad** environment. Our collaborative sandbox empowers firms to accelerate their digital initiatives.



PARTICIPATION IN THE DIGITAL TRANSFORMATION OF CAPITAL MARKETS AS A FINTECH PROVIDER

CHALLENGE: Emerging fintech providers struggle with gaining industry visibility and driving client adoption.

SOLUTION: Fintech providers can introduce and integrate their products into **DTCC Digital Launchpad**, showcasing their solutions to potential clients and creating mutually beneficial opportunities for growth and exposure.

LEARN MORE

DTCC Digital Assets is at the forefront of driving institutional adoption of digital technology with a steadfast commitment to innovation anchored in security and soundness. As the financial services industry's trusted technology partner, we pride ourselves on empowering a globally interconnected and efficient ecosystem.



To learn more about us, please visit
dtcc.com/digital-assets

ABOUT DTCC

With over 50 years of experience, DTCC is the premier post-trade market infrastructure for the global financial services industry. From 20 locations around the world, DTCC, through its subsidiaries, automates, centralizes, and standardizes the processing of financial transactions, mitigating risk, increasing transparency, enhancing performance and driving efficiency for thousands of broker/dealers, custodian banks and asset managers. Industry owned and governed, the firm innovates purposefully, simplifying the complexities of clearing, settlement, asset servicing, transaction processing, trade reporting and data services across asset classes, bringing enhanced resilience and soundness to existing financial markets while advancing the digital asset ecosystem. www.dtcc.com

ABOUT DTCC DIGITAL ASSETS

DTCC Digital Assets offers scalable institutional-grade technology solutions for clients to create and manage the life cycle of tokenized assets. Our capabilities support multiple blockchains, provide advanced on-chain data access and actionable intelligence, facilitate near-real-time payments, and automate back and middle office functions, all while prioritizing regulatory compliance. Designed for interoperability with a client's existing systems and capabilities, DTCC's ComposerX suite of platforms will provide the foundation for an industry-wide ecosystem bridging DeFi with TradFi.