



National Bank Act of 1863 brings an end to "Wildcat Banking"



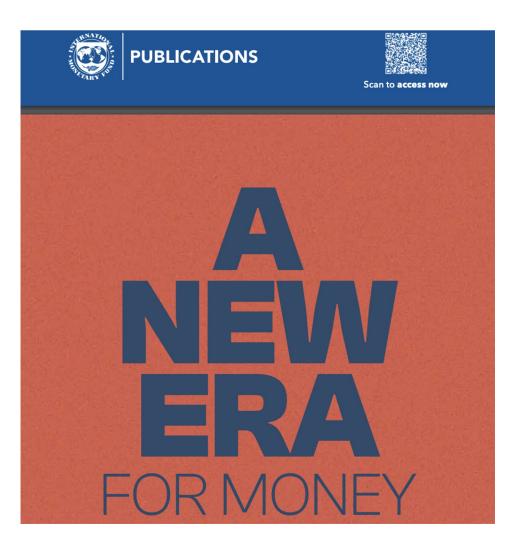
UDPN INTRODUCTION LAUNCH EVENT 2023

History repeating itself again in 2022: TerraUSD market cap collapsed by 99%



From \$1 to 2 cents

Regulators taking back control over digital money: CBDCs will be the reality





ASIA-PACIFIC BLOCKCHAIN CRYPTO REGULATORY WATCH & LISTEN

World Economic Forum argues for CBDCs, Australia latest to test use-case technology

With over 100 countries experimenting with the technology behind Central Bank Digital Currencies, the World Economic Forum of Davos fame lays out its views on the potential benefits and drawbacks of CBDCs.



Central Banks in over 114 countries are working toward launching their CBDC

Project Jura: French Central Bank and Swiss National Bank



Project Dunbar: Reserve Bank of Australia, Bank Negara Malaysia, MAS, and South African Reserve Bank



Project Dunbar International settlements using multi-CBDCs



Project Rosalind: Bank of England

Project Rosalind: developing prototypes for an application programming interface to distribute retail CBDC



Project Icebreaker: Central Banks of Israel, Norway, and Sweden

Project Icebreaker: Central banks of Israel, Norway and Sweden team up with the BIS to explore retail CBDC for international payments



Project Helvetia: SIX and Swiss National Bank



Project mBridge: HKMA, PBOC, Bank of Thailand, Central Bank of UAE

Project mBridge: Connecting economies through CBDC



The ECB will decide on a potential rollout this year

ECB publishes new digital euro report, rollout decision in fall 2023

In its second report, researchers go into the practicalities of a digital euro, even addressing concerns over privacy through the non-inference of balances.

Samuel Wan ♥ ⊠ Dec. 22, 2022 at 11:30 am UTC 2 min read Updated: December 22, 2022 at 11:11 am

The FED is not ready yet

Digital Dollar Is a Long Way From Reality, US Treasury Official Says

Need for CBDC currently doesn't exist, undersecretary says

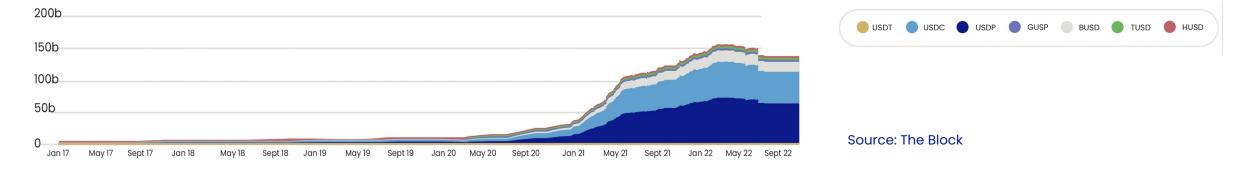
Fed won't issue CBDC without clear Congress, executive support

Digital money has several key characteristics and benefits

| Replace Cash | Same Value | Programmable ···· Money |
|--|---|---|
| Could replace cash (eventually) All transactions at all points of sale and between individuals and organizations will be digital. | Will have the same value as cash of today and be exchanged at a rate of 1:1 | Using regulated stablecoins and CBDCs will allow us to program functionalities that will benefit clients and entire economies. |
| Cost Reduction | Reduce Fraud | Traceability |

Will eliminate costs attributable to the production, distribution/transport , storage and protection of cash Will eliminate the effects of counterfeiting and forgery, one way of doing this is through the use of an immutable ledger (to track accountability) Will enable enhanced tracking and tracing of monies earned by business and individuals for the purposes of tax collection; dissolving of black/ grey market economies; real-time monetary policies...

Regulated fiat-backed Stablecoins are the bridge to CBDCs



USDC Liquidity (~44B*) is split between 8 different Blockchains

USDC Liquidity (~44B*) is split between 8 different Blockchains



Over USD 100 Billion in transaction costs could be saved annually

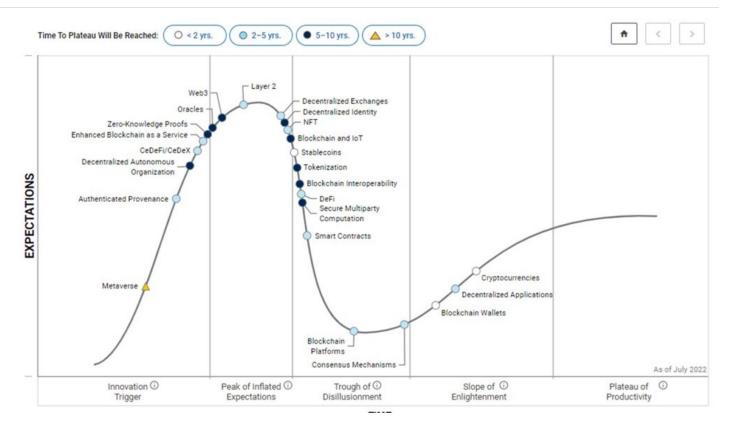


"A FULL-SCALE CBDC NETWORK WHICH FACILITATES 24/7 REAL-TIME, CROSS-BORDER PAYMENTS AND FX PVP SETTLEMENTS COULD SAVE GLOBAL CORPORATES NEARLY **\$100 BILLION ANNUALLY**."

Source: Unlocking \$120bn value in X-Border Payments: Oliver Wyman and JP Morgan Source: WTO, UNCTAD reports, Oliver Wyman and JP Morgan Analysis

UDPN INTRODUCTION LAUNCH EVENT 2023

DLT adoption at the Enterprise-level becoming mainstream



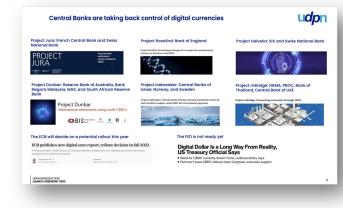
Gartner Blockchain Hype Cycle (2023)

"BLOCKCHAIN PRODUCTION READINESS VARIES BY INDUSTRY AND USE CASE. [...] WE SEE ENTERPRISES AND EXECUTIVES TALKING ABOUT THE EFFICIENCY GAINS AND ROI GAINS THEY ARE SEEING WITH BLOCKCHAIN IMPLEMENTATIONS."

DANIELA BARBOSA, THE LINUX FOUNDATION (OSSE22)

The time to build the infrastructure of tomorrow is NOW

Regulator's Push



FOR

Market Pull for Infrastructure

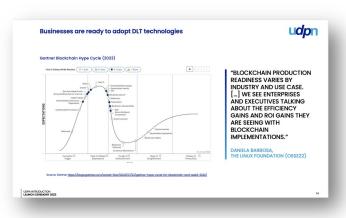




Stablecoins: The Bridge to CBDCs

| Stablecol | ns are the bridge to CBDCs | | udpn |
|--|---|---|---|
| Liquidity (~44B*) | is split between 8 different Blockchains | | |
| | | | 😑 usor 🔹 usoc 🌒 usor 🖷 dusir 🖷 auso 🜒 tuso 🖷 Huso |
| | | | |
| | | | |
| way the Sept the Jan 10 | May IB Sept10 Jan19 May10 Sept19 Jan20 May20 Sept20 | Jon 31 May 21 Sept 21 Jon 22 May 22 Sep | Source: The Block |
| Liquidity (-448*) | is split between 8 different Blockchains | | |
| | | | |
| | | | |
| | Ethereum- \$40.78* | Algora | ind- \$119M* |
| | Ethereum- \$40.78* | | ar- \$164M* |
| | Avalanche- \$637M* | Stella | ar- \$164M* |
| | | Stella | |
| f January II, 2023 Se: Circle | Avalanche- \$637M* | Stella Flow | ar- \$164M* |
| f January R. 2023 Jer Circle IRRODUCTION | Avalanche- \$637M* Solana- \$970M* | Stella Flow | ır- \$164M* \$11.7M* |

Business readiness of DLT Tech



UDPN INTRODUCTION LAUNCH EVENT 2023

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UDPN Introduction

Vision: a global payments messaging network for digital currencies





The UDPN is a **decentralized payments messaging backbone** connecting digital currency systems to enable seamless, efficient payments of **regulated stablecoins and eventually CBDCs.**



The UDPN allows **any entity** (natural or legal) to **transfer and swap digital currencies across borders,** currencies, and systems in a low-**cost and convenient manner**.

The UDPN is a **co-governed blockchain environment** that supports **third-party smart contracts deployment** and execution for value-added financial or payment-related services.

What is the UDPN?



The UDPN is the leading interoperable payments network for regulated digital currencies and leverages distributed ledger technologies to drive efficiency and transparency in digital payments.



SOLUTION

Decentralised permissioned network

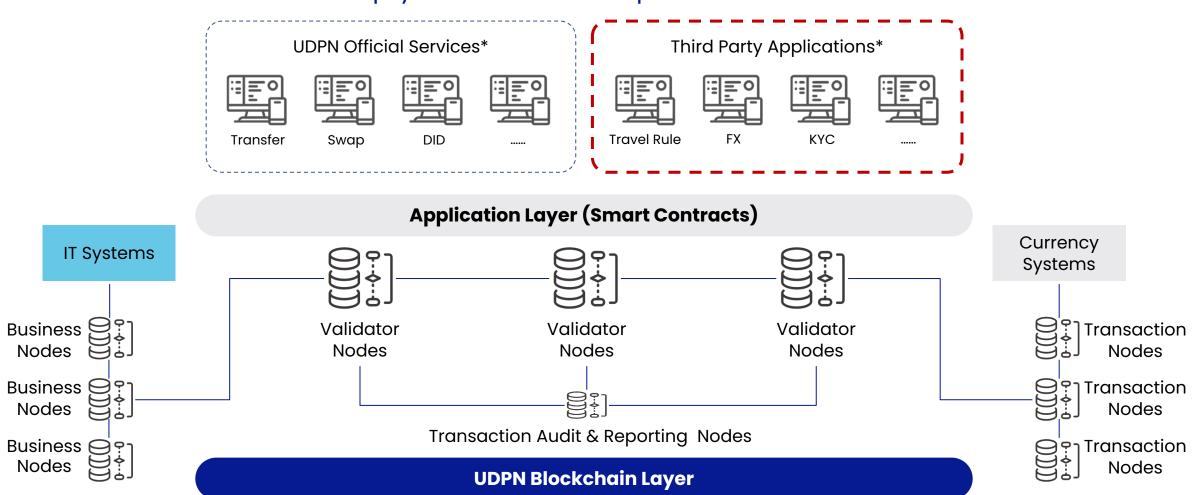
- Messaging backbone amongst various CBDC and stablecoin platforms and protocols
- Does not directly serve end-users, but rather grants access to IT systems to create UDPN DIDs, link/unlink wallets, and initiate digital currency transfers and swaps through the network
- Will only support CBDCs and governmentapproved fiat-backed stablecoins, not unregulated cryptocurrencies



VALUE PROPOSITION

- The UDPN addresses the challenge of interoperability by creating a regulated global payments network designed for digital currencies across all technical platforms
- A UDPN Decentralized ID (DID) can be linked with accounts and wallets on CBDC and stablecoin systems: digital currencies can be easily transferred and swapped between UDPN DIDs, whereby all transactions would still occur within each CBDC or stablecoin system
- The UDPN hence lends critical universal messaging and interoperability functionality to all CBDC and stablecoin ecosystems





A payments infrastructure open to innovation

UDPN Official PoC Use Case Portfolio



UDPN USE CASE #1

Digital Currency Transfer and Swap

UDPN USE CASE #3

Bank-issued Stablecoin

UDPN USE CASE #2

Implementing the Travel Rule

UDPN USE CASE #4

Purchasing Digital Currencies with Fiat Money

UDPN USE CASE #5

Digital Currency Payment Gateway for E-Commerce

UDPN USE CASE #6 Enabling Gasless Transactions Using Public Chain-based Stablecoins

UDPN USE CASE #7

Cross-Institution KYC Verification

UDPN USE CASE #9

Facilitating Foreign Exchange on Digital Currencies

UDPN USE CASE #11

Auditable Digital Currency Transaction Service

UDPN USE CASE #8

Digital Asset Tokenization

UDPN USE CASE #10 Central Bank Digital Currency Issuing and Circulation (Hybrid Model)

UDPN USE CASE #12





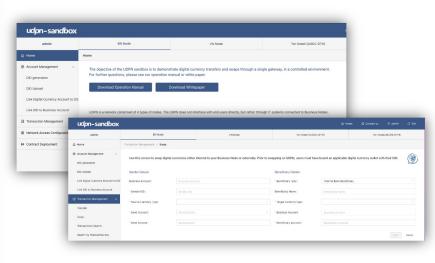
Visit our website: udpn.io

- 1. DOWNLOAD THE WHITE PAPER
- 2. APPLY TO JOIN THE SANDBOX
- 3. JOIN A PROOF OF CONCEPT

UDPN White Paper



UDPN Sandbox



UDPN Website



UDPN is a global messaging network supporting government-regulated digital currency systems, including regulated stablecoins and Central Bank Digital Currencies (CBDCs). The UDPN promotes financial inclusion by allowing enterprises around the world to connect directly with the centralised and decentralised digital currency systems of the future.



Ol Apply to join the Sandbox

- Have a self-installed (open source) or hosted Business Node.
- Play around with the web interfaces and test transfer and swap.
- Use Business Node APIs and SDKs to connect Business IT System to the sandbox.

02

Participate in the PoC Use Cases

- Follow the development and testing of three PoC cases.
- Access the PoC cases' source code, testing results, and documentation
- Develop part of the PoC from the Business IT System with GFT's support

03

Become an equal member of the UDPN Alliance

- Vote on all UDPN matters
- Access ALL UDPN source code
- Share potential revenues after commercialization

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SANDBOX

19

The UDPN Sandbox is Live



Following successful completion of the MVP we launched the UDPN Sandbox for controlled testing.

Objectives

1. BECOME FAMILIAR WITH UDPN ARCHITECTURE

2. TEST ALL UDPN BASIC FEATURES AND SERVICES

3. PARTICIPATE IN POC USE CASE AND FOSTER NEW IDEAS

- Understand all UDPN concepts from a practical PoV
- Access Sandbox functions via Web-based UI or BN
- · Test API endpoints when available
- Report bugs in a timely manner
- Provide suggestions and comments
- Maintain a discussion forum
 - Enjoy the industry-leading development experience
- Brainstorm new application/PoC ideas
- Formulate future digital currency norms and rules

Web Interface

| udpn-sand | dbox | | | | | | | | | | | | | | | | |
|--|-------------------------------|----------------------------|---|--|--|-------------|-----------------------------|-------------------------|---------|---|-------------|-------------------|-------------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------|
| admin | | | BN Node | | VN Node | | Txn Node | I (USDC-ETH) | | | | | | | | | |
| Home | | iome | | | | | | | | | | | | | | | |
| Account Management DID generation DID Upload Link Digital Currency Ac Link Dib to Business Ac Transaction Management | count | For further qu Download | estions, please see our operation d Operation Manual | manual or v Download 1 e UDPN does | | | | | | | | | | | | | |
| Network Access Config | udpn | -sandbox | 0 | | | | | ۵ H | 10774 | | D Contae | Contact us | Contact us | Contact us A | C Contactus A admi | 🗊 Contactus 🗚 admit | 🖾 Contact us 🛛 A admin |
| Contract Deployment | | threin | BN Node | | VN Node | | Tan Node1(US | DC-ETH) | | ĺ | 7 | Tan Ng | Tan Node2) | Txn Node2jEUR | Txn Node2(EUR3-ET | Txn Nodk2 EURS-E7 | Txn Node2(EUR3-ETH |
| | ⇔ Home | | Transaction Management / Swap | | - | | | | | | | | | | | | |
| | Account Mar DID generation | | Use this screen to swap digital cu | rrencies eithe | internal to your Business Node or externally. Pric | ior to swag | pping on UDPN, users must h | ave bound an applicable | digital | | currency wa | currency wallet w | currency wallet with th | currency wallet with their | currency wallet with their DID | currency wallet with their DID. | currency wallet with their DID. |
| | DID Uplaad | | Sender Details | | | | Beneficiary Details | | | | | | | | | | |
| | Link Digital 0 | Currency Account to DID | Business Account: | | | | * Beneficiary Type: | Internal Bank Banef | ficiary | | | | | | | | |
| | Link DID to 8 | lusiness Account | * Sender DID: | | | | Beneficiary Name : | | | | | | | | | | |
| | G Transaction | Management A | Source Currency Type: | | | | * Target Currency type : | | | | | | | | | | |
| | Transfer | | * Send Account : | | | | Business Account: | Business Account | | | | | | | | | |
| | Эмар | | " Send Amount : | | | | * Beneficiary Account : | | | | | | | | | | |
| | Transactions | | | | | | | | | | | | | | | | |
| | Search by Tr | ansaction Key | | | | | | | | | | | | | | | |

Two ways to access the Sandbox





via Web-based UI

via local Business Node APIs

UDPN SANDBOX ADDRESS: http://sandbox.udpn.io

CONTACT:

To apply for sandbox access, please contact us at contact@udpn.io



Thank you!

WWW.UDPN.IO



AGENDA

1. UDPN INTRODUCTION

2. SANDBOX & 10 UDPN USE CASES

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PoC Managment

POC Project Management Structure and Participant Roles/Responsibilities



PoC Project Team Structure

Project Manager (GFT)

Development Managers (GFT and Red Date)

Participants:

Developer:

- Develop any self-owned application based on open-source PoC codes, APIs, and smart contracts provided by GFT and Red Date.
- Participate in the development of the business requirements and technical design documents
- Attend regular weekly PoC meetings
- Contribute to the development of the PoC Use Case Report

Observer:

- Participate in the development of the business requirements and technical design documents
- Attend regular weekly PoC meetings
- Contribute to the development of the PoC Use Case Report

PoC Project Process

8

9

10

(11

12

- Participants complete Questionnaire
- 2 Participants complete MoU
 - Review and feedback on business requirements and technical design docs
 - Make decision on developer or observer roles
- 5 Kick-off meeting with all participants
- 6 Communication channel established (Slack, Telegram, etc.)
 - Gain access to all source codes and documentation
 - Developers receive daily support and Q&A on their own development from GFT and Red Date
 - Project Manager invites all participants to test
 - PoC officially deployed in UDPN sandbox
 - Project Manager leads development of PoC Use Case Report with participant input
 - PoC closed and report released

POC Timelines



All PoC Use Cases will be developed by GFT and Red Date. Participants as developers can choose to develop their own applications based on each PoC's smart contracts, APIs and source codes, or just install the Use Cases and test them in their own environment during the PoC development period. The following is the completion schedule table for the planned PoCs:

| | Technical Design | Development Kickoff | Testing | Deployment | Report | Closed |
|--------|------------------------|------------------------|-------------------------|----------------------------|----------------------------|--------------------------|
| PoC#1 | Done | March 15th | April 15 th | April 30 th | May 15th | June 15th |
| PoC#2 | Done | March 10th | April 15th | May 15th | May 30th | June 15th |
| PoC#3 | March 20 th | March 25 th | April 30 th | May 31st | June 10 th | June 15th |
| PoC#4 | March 25 th | April 1 st | April 20 th | April 30 th | May 20 th | June 15th |
| PoC#5 | March 31 st | April 5 th | May 10 th | May 20 th | June 1 st | June 15th |
| PoC#6 | March 15 th | March 20 th | April 15 th | May 1 st | May 20 th | June 15th |
| PoC#7 | March 30 th | April 15 th | May 20 th | May 31 st | June 15 th | June 15th |
| PoC#8 | April 10 th | April 20 th | May 31 st | June 10 th | June 30 th | July 30th |
| PoC#9 | April 20 th | April 31 st | July 15 th | August 31 st | September 30 th | October 31 st |
| PoC#10 | April 30 th | June 1 st | August 15 th | September 30 th | October 31st | December 31st |

UDPN PoC Milestones



Coming POC Milestones:

- Step 1: Onboarding PoC Use Case Participants
- Step 2: Participant Questionnaire and MoU
- Step 3: Team Assembly, Slack/Telegram, and GitHub Setup
- Step 4: Business/Technical Design, Work Allocation
- Step 5: PoC Use Case Development Management
- Step 6: Testing, Deployment, and Documentation
- Step 7: PoC Use Case Report
- Step 8: Project Closing, Report, Press Release (Optional), and Demonstration



Enterprise Business Node owners can deploy their smart contracts/applications on the UDPN network. These third-party smart contracts can be used for internal purposes only or open for other Business Nodes to call.

All Validator Node owners need to vote to allow the deployment of any third-party smart contract.

The smart contract owner or whoever calls the smart contract must pay a standard network fee to execute transactions.

If the smart contract is a paid service opening for other Business Nodes to use. UDPN Alliance will have a revenue-share deal.

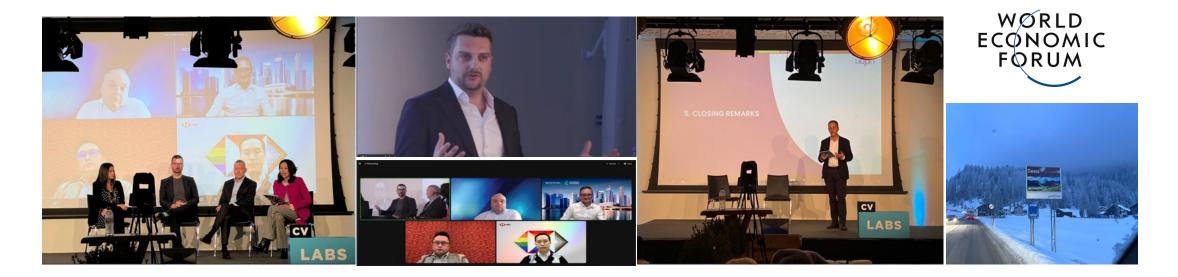
The smart contract can be executed by any Enterprise Business Node owner at any time with the smart contract owner's permission.

The smart contract can only be called by regular Business Node owners after becoming a UDPN basic service like transfer and swap through an application process to the UDPN Alliance.

We are live!

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⁹ UDPN launch event (in person and virtually) at Davos during the World Economic Forum week 2023.





Discover UDPN.io

The UDPN is one of the most advanced payment infrastructure

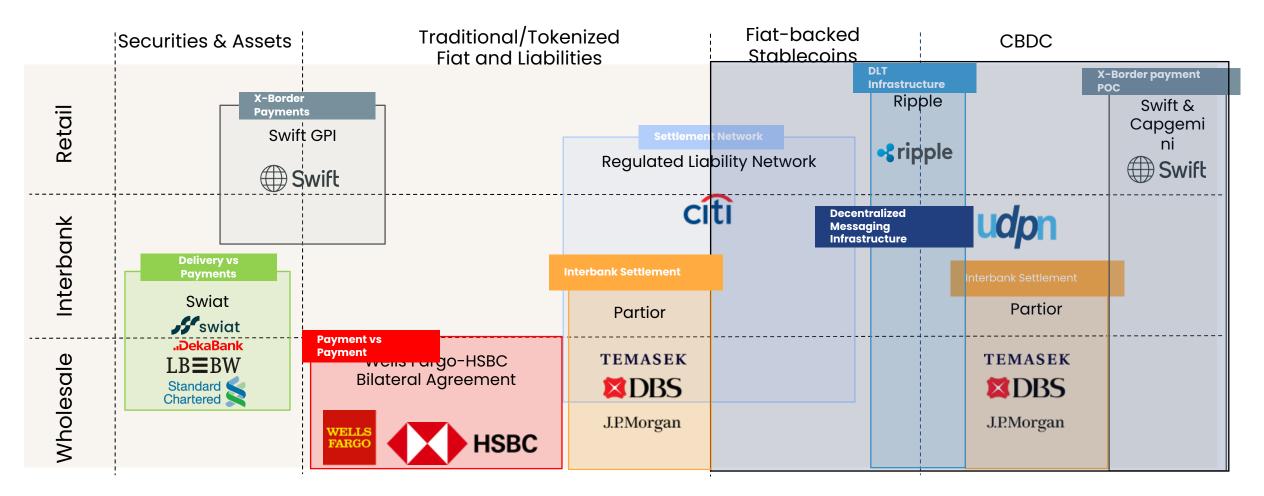


| | UDPN | mCBDC Bridge | RLN | Ripple | Partior | SWIFT |
|-----------------------------|---|---|---|--|----------------------------------|---------------------------------------|
| Focus | Universal | Wholesale | Wholesale | Cryptocurrency | Wholesale & Interbank | Wholesale & Interbank |
| Asset Focus | Regulated Fiat- Backed Stablecoins & CBDCs | CBDCs | CBDCs | All digital currencies linked back to cryptocurrency | Fiat Money | CBDCs, tokenised assets |
| Targeted Customers | All businesses including Financial Institutions | Central Banks, Commercial Banks | Public and private regulated Financial Institutions | Individuals, FIs and traders | Financial Institutions | Commercial Banks and Central Banks |
| Governance | Decentralised, no entity in control | Individual governance of its own system | Centralized. Entity approach. | Individual governance of its own system | Centralised. Entity approach. | Centralised / hub and spoke |
| Function | Messaging | Settlement | Settlement | Settlement | Settlement | Messaging |
| Open Source | Yes | No | No | Yes | No | No |
| Sandbox | Yes and Live | No | No | Yes | No | Yes |
| POC Use Cases | Il Use Cases | Yes (X-border payment) | No | Yes | Yes | Yes |
| Third-Party Applications | Yes | No | No | Yes | No | No |

The UDPN'S Positioning in the evolving digital currency landscape



Unlike others, the UDPN is a universal, token-less infrastructure; decentralized; and also a working application.

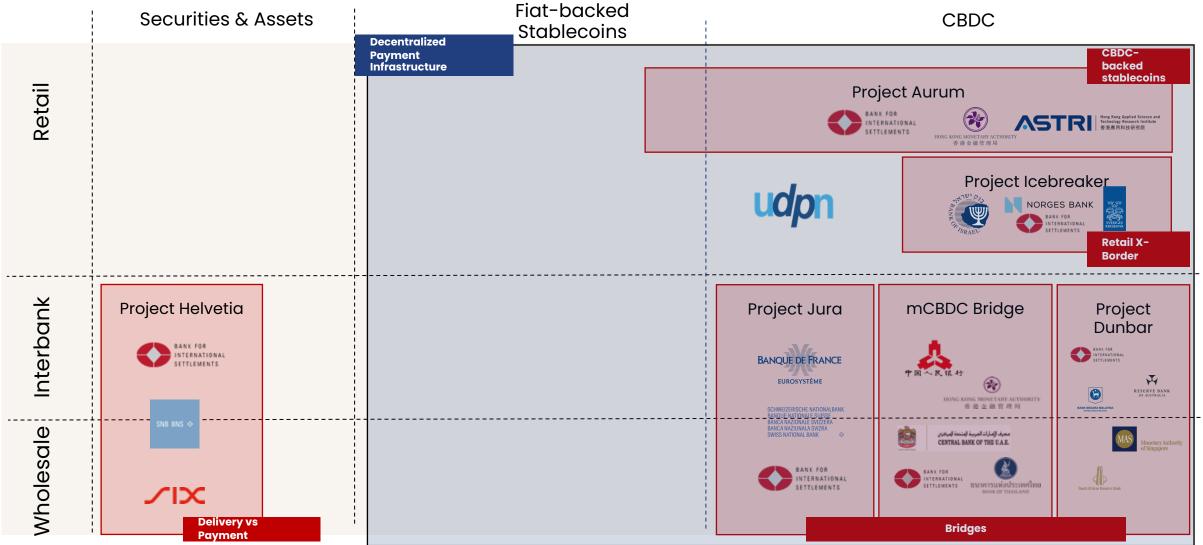


Source: GFT Analysis, Secondary Research, and Expert Interviews

UDPN & BIS Projects Synergies



The UDPN has maintained an ongoing dialogue with the Bank of International Settlements to discuss potential collaboration.



Source: GFT Analysis, Secondary Research, and Expert Interviews

High-level UDPN Architecture

User1

User2

User3

udpn PERMISSIONED BLOCKCHAIN Payment Gateway Customer IT **TAR Node** Processing Core Auditors or System A Regulators Archive Processing Core **Business Node** Node Query Gateway Payment Gateway Processing Core Stablecoin Public Transaction Node Customer IT Processing Core System B Gateway Capital Pool **Business Node Transaction Node** Gateway Peer Gateway Peer Processing Core Processing Core Governance CBDC CBDC Governance System System System A System B Transaction Node Transaction Node Gateway Gateway Validator Node Capital Capital Validator Node Pool Pool **Transaction Node Transaction Node Universal Digital Payments Network** Operates Operates A Commercial A Commercial Owns Owns Bank Bank Settlement Token System between Banks:

(mCBDC bridge, Finality Global Payment, JPM Coin)

UDPN enables interoperability and higher-efficiency payments



The UDPN difference

1. TIME TO MARKET

The UDPN is a working infrastructure ready to be tested in our Sandbox.

2. DECENTRALIZED GOVERNANCE

The UDPN is governed by the UDPN Alliance members, not shareholders.

Payment Systems Comparison

3. DECENTRALIZED ARCHITECTURE

Each node has its own function and is run by different stakeholders.

| Metric | Payment Systems Today | Payment Systems Tomorrow | UDPN Today |
|--------------|-----------------------|--------------------------|--|
| Speed | Days | Instant | Instant |
| Cost | 7-11%** | <1%-11%** | <1%* |
| Transparency | Limited | Transaction Transparency | Transaction & Smart Contract Transparency |
| Model | Traditional Messaging | Hub & Spoke | Distributed Messaging via Multiple Nodes |
| Governance | Centralized | Centralized | Decentralized |

*TBD by Alliance partners **Estimate avg. cost taken from multiple sources

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We want to offer financial institutions and interested parties the opportunity to better understand the future payment-related digital currency landscape and ecosystem by taking the UDPN journey step by step.

First Step:

Read the whitepaper, receive a demonstration, and access the Sandbox (via the web)

01

Second Step:

Participate in one or more of the UDPN PoC Use Cases in the Sandbox (via selfinstalled Business Node)

02

Third Step:

Join the UDPN Alliance as an equal member to be fully involved in the governance of the UDPN

03

The UDPN Alliance



The UDPN is governed by an alliance of financial institutions and technology companies. Alliance membership will be capped at 24 participants. Each member will operate a Validator Node and has equal voting power.



Ownership and control are fully decentralised,

with no single Alliance member having more authority than the next. There will not be any legal entity or board members for UDPN.



All governance actions are determined through a **voting mechanism** attached to each Validator Node. Some actions only require two votes, while some require a **supermajority**.



| | Action Requiring Voting | Voting Threshold Needed |
|----|--|-------------------------|
| 01 | For new member entry and the establishment of new Validator Nodes | 80% |
| 02 | For the establishment of Business Nodes | 2 votes |
| 03 | For onboarding new currencies and the establishment of Transaction Nodes | 60% |
| 04 | For matters related to the upgrade of UDPN node software | 60% |
| 05 | For matters related to the upgrade and deployment of third-party smart contracts | 60% |
| 06 | For deciding the fee structure for UDPN official services and network | 80% |
| 07 | transactions For deciding the revenue share model | 80% |
| 08 | For the deployment of new UDPN official services on the Network | 60% |

Alliance Member Contributions and Benefits



| Contrib | utions | Benefits |
|------------|--|-----------------------|
| | Bring expertise from across different industries to help reshape the landscape of digital currencies and establish the rules of play | |
| Ø | Govern the UDPN by operating a Validator Node and participating in voting | ג <u>י</u> י: גולי |
| Se | Help develop the UDPN by providing insights to development teams | R |
| \$ | Capital contribution (~ USD 50K per year in Validator Node operating costs) | P |
| () | Promote and market the UDPN | |

S



Share revenue equally with all UDPN Alliance members (transaction fees, service fees, entry fees, etc.)

Gain access to all the UDPN source code and documentation



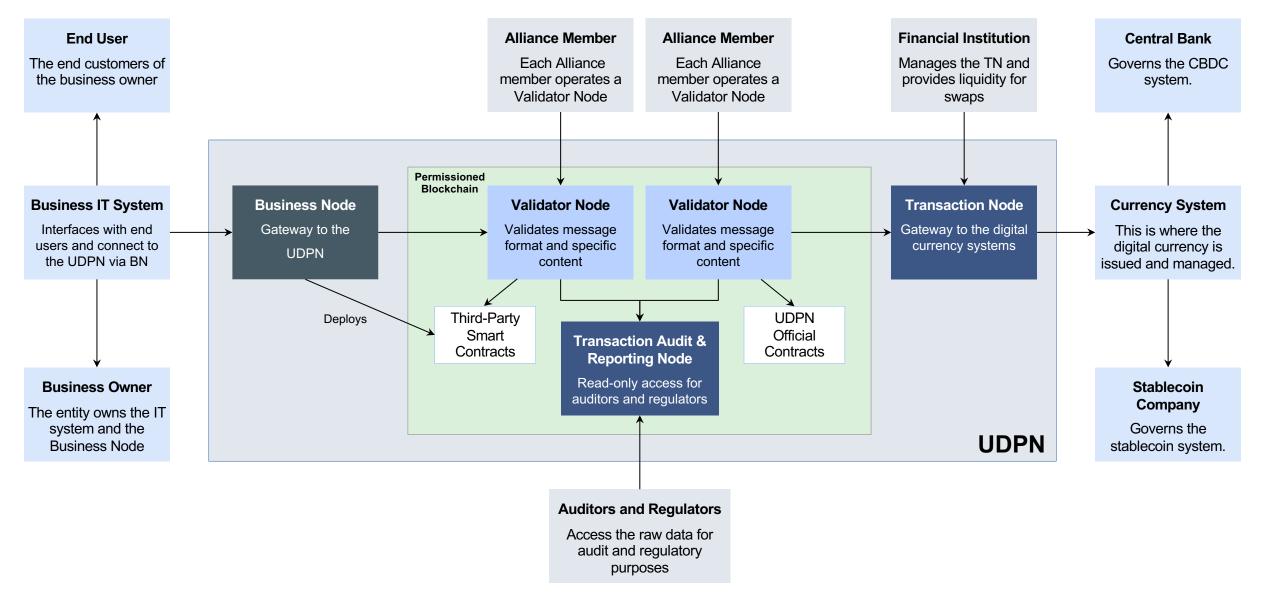
Maintain voting rights on all matters related to the UDPN

Enjoy a first-mover advantage in building services and applications on the UPDN

The opportunity to guide this unique shift for finance

The UDPN Ecosystem and Roles

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The UDPN Commercialization and Business Models



The UDPN is expected to be commercialised in the **second half of 2023**. Some of the revenues shared by all Alliance members are as follows:

01

The network transaction fees are calculated based on the smart contract transactions initiated by Business Nodes. 02

The official UDPN services may charge an additional service fee to the transaction fees, such as FX or digital currency swaps.

03

For third-party smart contract services deployed on UDPN, a 20% revenue share will be enforced through the network.

It is recommended that Alliance members should also consider building their own business models based on UDPN infrastructure.

Regulatory Compliance



Compliance and Privacy



The UDPN doesn't require special regulation in most regions and countries as a messaging network because it doesn't hold or move money directly, just like SWIFT.



UDPN's Transaction Node operators must be regulated money service providers since they move money from capital pools to user accounts. All Transaction Node operators for CBDCs must be commercial banks.



The UDPN doesn't collect end-users' personal information; all such information is stored locally in the source IT systems or by locally installed Business Nodes' private storage (not on-chain).

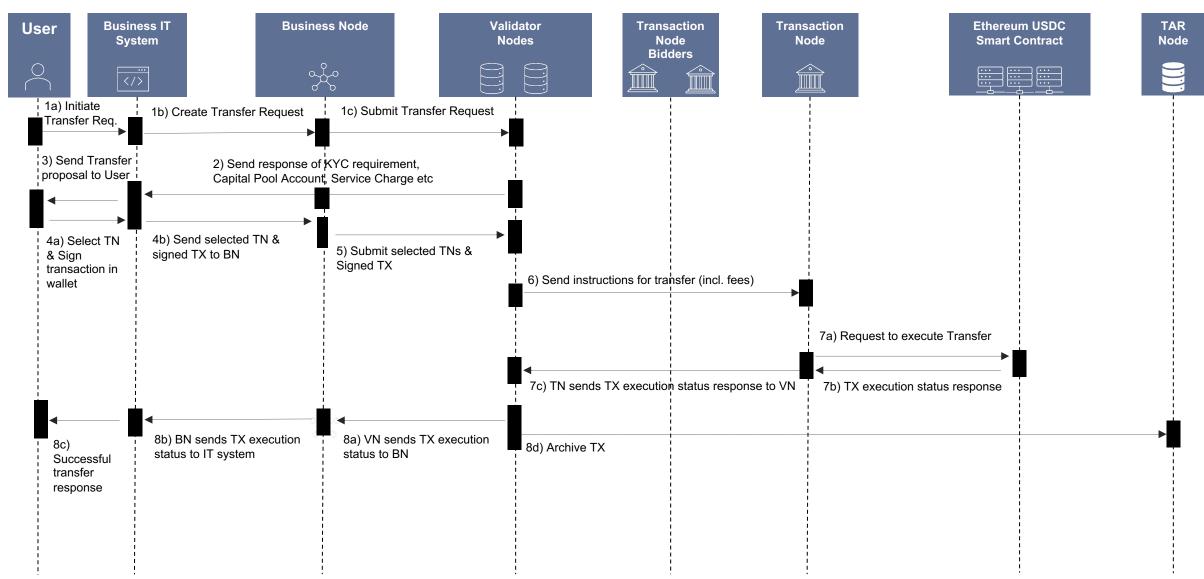


The Business Node and Validator Node software will be open source. All source codes can be accessed and reviewed at any time by all Alliance members.

Appendix A: Transfer Transaction Flow



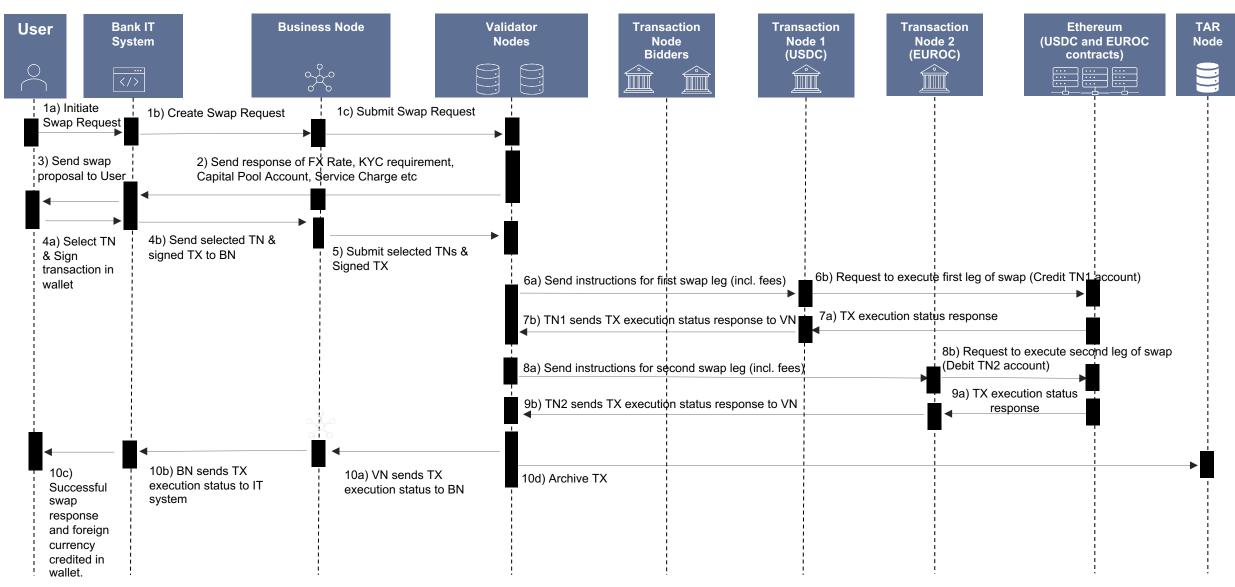
This time sequence illustrates a single currency transfer initiated by a bank client and enabled end-to-end by the bank via UDPN.



Appendix B: Swap Transaction Flow



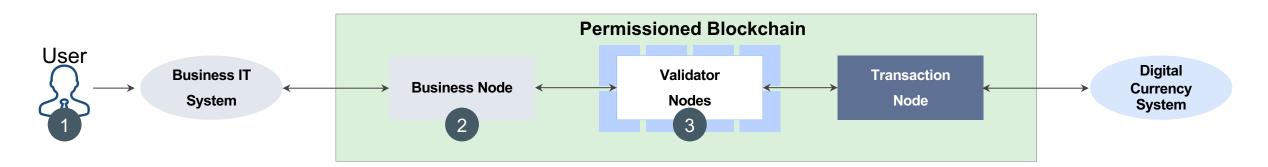
This time sequence illustrates a swap transaction between 2 digital currencies initiated by a bank client and enabled end-to-end by the bank via UDPN.



| | In order to clone below UDPN repo, user needs to first get permission from the UDPN admin. |
|---|---|
| 1 | Download the business repo and clone it: <u>https://github.com/UDPN/VN-Sandbox-selfservice-public</u> > git clone git@github.com:UDPN/BN-Sandbox-selfservice-public.git |
| 2 | Go to the business node docker-compose directory > cd BN-Sandbox-selfservice-public/docker-compose/ |
| 3 | Use the start/stop commands to start/stop the business node > sudo docker-compose up -d |
| 4 | Follow the instructions to register the business node with a validator node via <u>Business Node Self-Onboarding Manual</u> for the UDPN Sandbox |

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Appendix D: UDPN Decentralised Identifier (DID)



What is a UDPN Decentralised Identifier (DID)?

A UDPN Decentralised Identifier is a unique identifier used to represent all UDPN stakeholders from validator node operators to end users.

DID Creation Process

- 1 Submit a DID creation request
- ② Generate the DID document and private key locally with the DID SDK. Submit the creation request to the Validator Nodes
- (3) The creation request is validated and written to the permissioned blockchain. A response is sent back to the IT system

Linking a DID and a Digital Currency Account

A linking transaction maps the UDPN DID to a digital currency account before allowing the DID holder to initiate transfers and swaps on the UDPN.

Linking Process

- (1) Send a linking request and relevant information for a potential KYC/AML check to the IT system
- (2) Submit the linking request to a Validator Node
- (3) A Linking request is validated and written to the permissioned blockchain. A response is sent back to the IT system



Thank you!

WWW.UDPN.IO