The Uber For Device Sharing

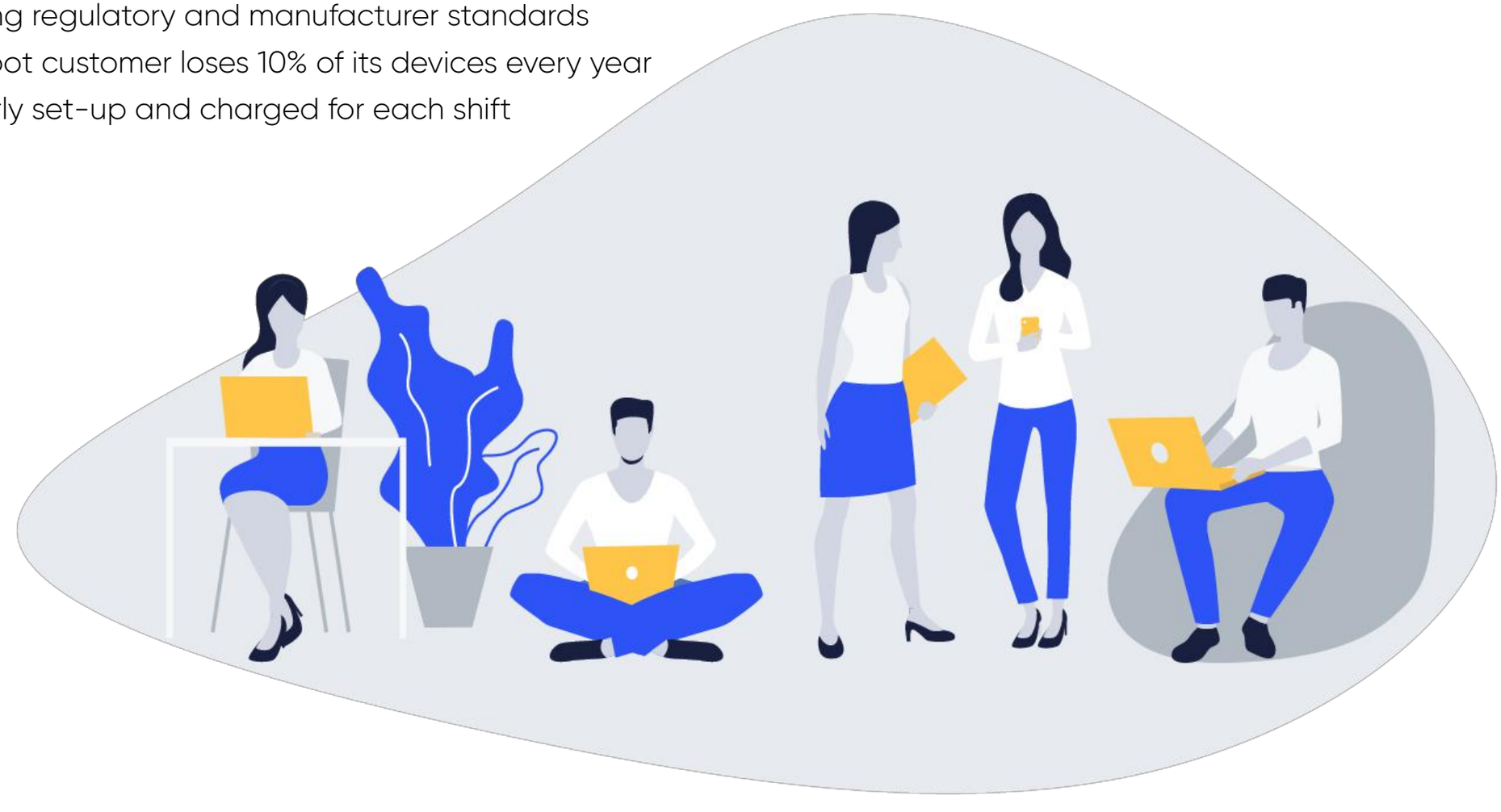
The Problem

Device Management

Industries deploy large amount of devices across operations but are **not equipped to manage these fleets of devices**.

This has resulted in:

1. Enormous IT costs
2. Devices not meeting regulatory and manufacturer standards
3. Attrition: one Netspot customer loses 10% of its devices every year
4. Devices not properly set-up and charged for each shift

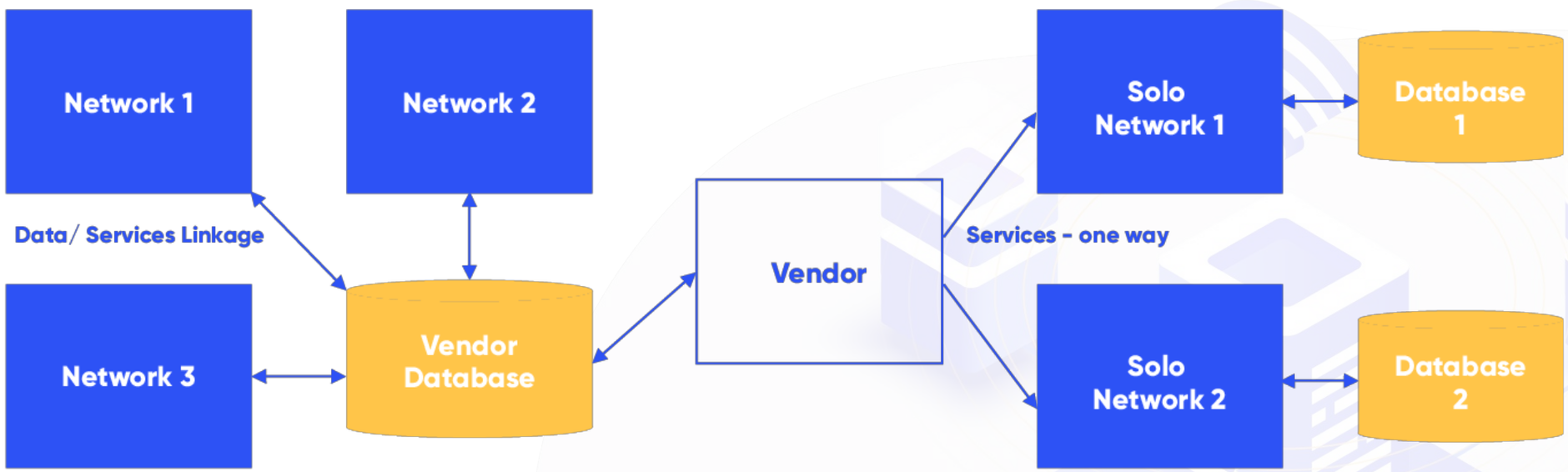


The Problem

Network Operations and Maintenance

Networks and device sharing are often controlled by single, centralised vendors who are solely responsible for the data integrity and security of the enterprise customers across multiple ecosystems.

Legacy (Outdated) Device Sharing Infrastructure



The Problem

Network Operations and Maintenance

As such, the legacy device sharing infrastructure has resulted in:

High Costs

High costs from running complex networks is placed on a single vendor which is in turn reflected on the customer

Low Security

Multiple intermediaries (vendors, network silos and central databases) increases potential vulnerabilities at every juncture

Network Isolation

Data is unable to be cross-shared or integrated between customers

Market Opportunity

Netspot is already adopted in North America and Europe in various industries such as:

1. **Airlines**
2. **Medical Institutions**
3. **Maintenance Facilities**
4. **Government & Military**
5. **Educational Establishment**
6. **Training Centres**

Some of Our Existing Partners

AIR CANADA · Lufthansa Technik · AirEuropa · norwegian · Air transat · THALES · OSF HEALTHCARE · UNITED STATES NAVY · gfi · DHL · jetBlue · GROB AIRCRAFT · Alaska · AVIATION TECHNICAL SERVICES · BOEING

Netspot Solution

2018
17.4 Million Transactions

2019
Estimated 35 Million Transactions

1st In The Market

A Market Leader In Device Management

The NetSpot solution is a bundle composed of a hardware component and a software platform facilitating devices sharing (laptop, tablets, and more).

Only solution that allows administrators to efficiently manage fleet of devices in terms of accuracy and timely updates of the content on the devices

Netspot Solution

Features

- Cloud-based management of large global fleets of mobile devices in specialist aviation environments
- Real-time synchronization
- Software updating
- Complex content update (to be compliant with FAA and DoT regs)
- Device access control & tracking
- Device charging (so units are ready to go at the start of shift)

Engineer at Air Canada interacting with Netspot device

Netspot Solution

Use Case : Air Canada

- Air Canada is currently adopting Netspot Solutions for their aircraft MRO (Maintenance and Repair Organisation). The Netspot kiosks are being used for intelligent and virtual reality content management.

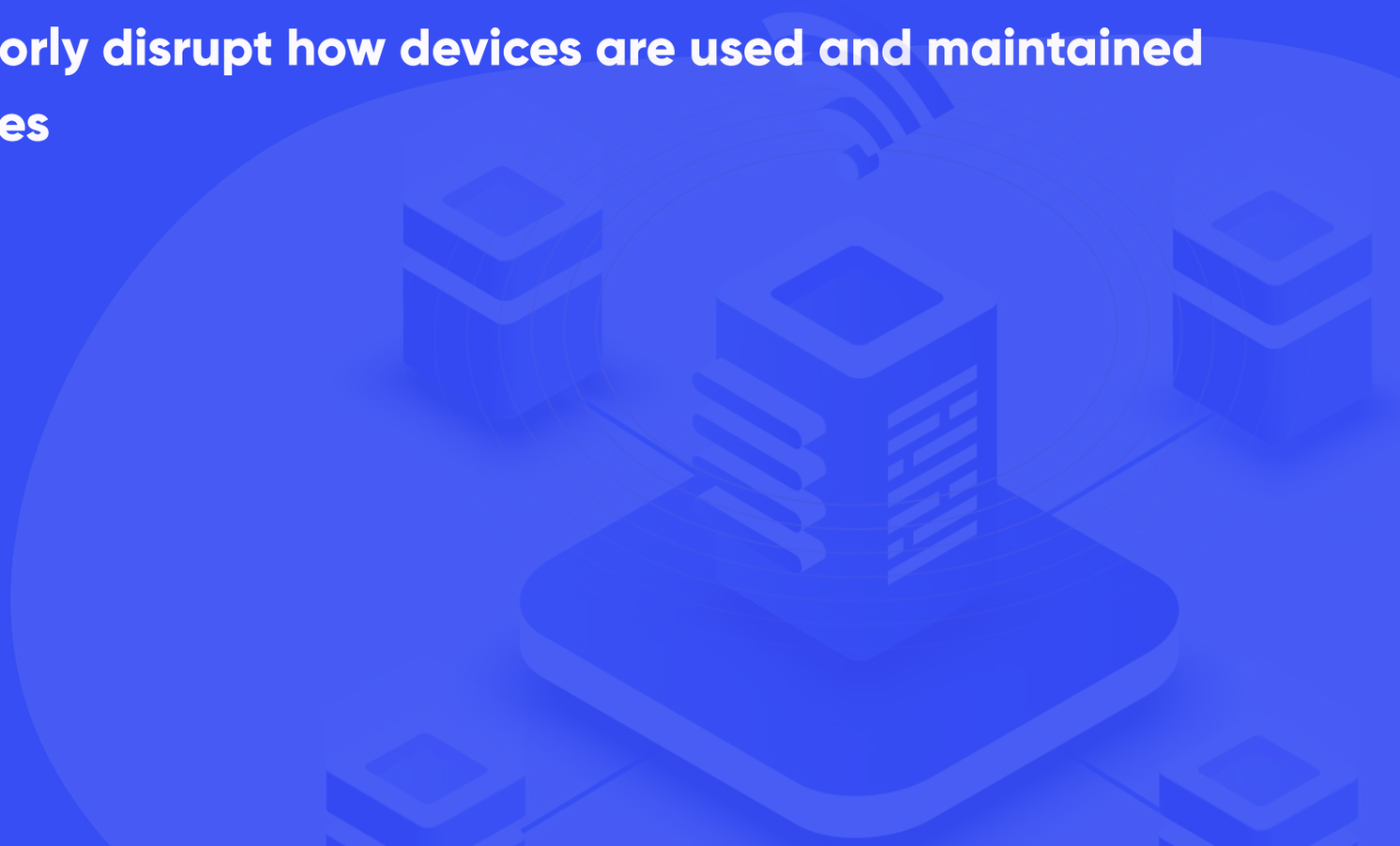
- With the usage of the kiosks, **Netspot is able to help Air Canada saves 20-30 minutes for their aircraft maintenance events.**

- Air Canada, as a single aviation company **saved 12 Million Canadian Dollars** last year

Netspot Device Kiosk

Our Expanded Solution

Netspot Technology Solutions will develop a **new distributed architecture** taking advantage of blockchain technology and machine learning for in-depth problem solving and self-learning. This technological creation is the **first in the world** and is primed to **majorly disrupt how devices are used and maintained across millions of enterprises**



1 Network Sharing

Network can be cross pollinated with the new protocol. Users can be identified and use a device from two organisations with the same account.

Strengthened Security 2

Security of network is strengthened with a decentralised permissioned chain (practically unhackable with the inclusion of best practices + blockchain).

Secured Identity 3

Identity could be MOST securely stored and retrieved by users and allow users a single login to multiple distributed networks - something previously impossible

The Netspot Infrastructure

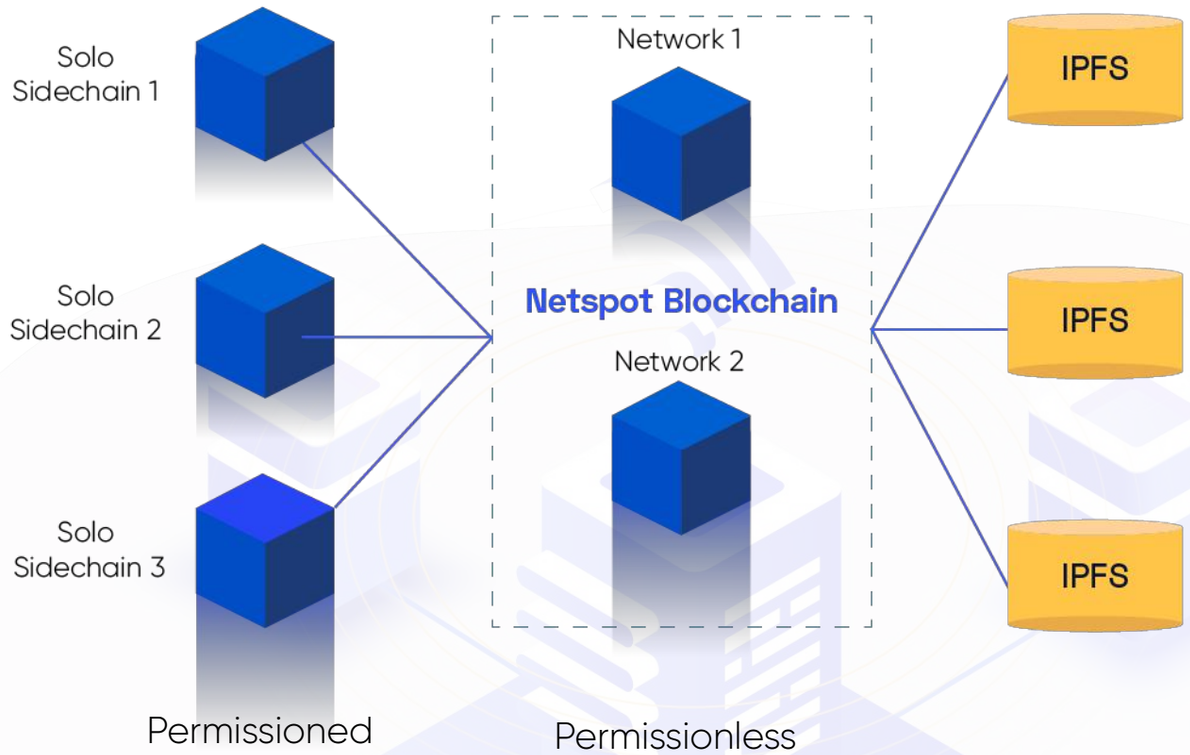
Blockchain technology brings about an incentivisation ecosystem which is fully autonomous and self-propagating.

- The infrastructure of the Netspot blockchain (or mainchain) paves the way for **token management, public permission less ledger and consensus.** Data is stored in decentralised databases (Interplanetry File Systems - IPFS) offering scalable and trustless open data storage.

- Public enterprise sharing networks can be built directly on top of Netspot blockchain. These could be existing customers who prefer a low-cost approach to the management of their device networks and are open to data sharing.

- Private enterprise sharing networks, can exist as sidechains scaling independently to the mainchain, thereby preserving utmost data-privacy integrity within their enterprises.

Netspot Architecture

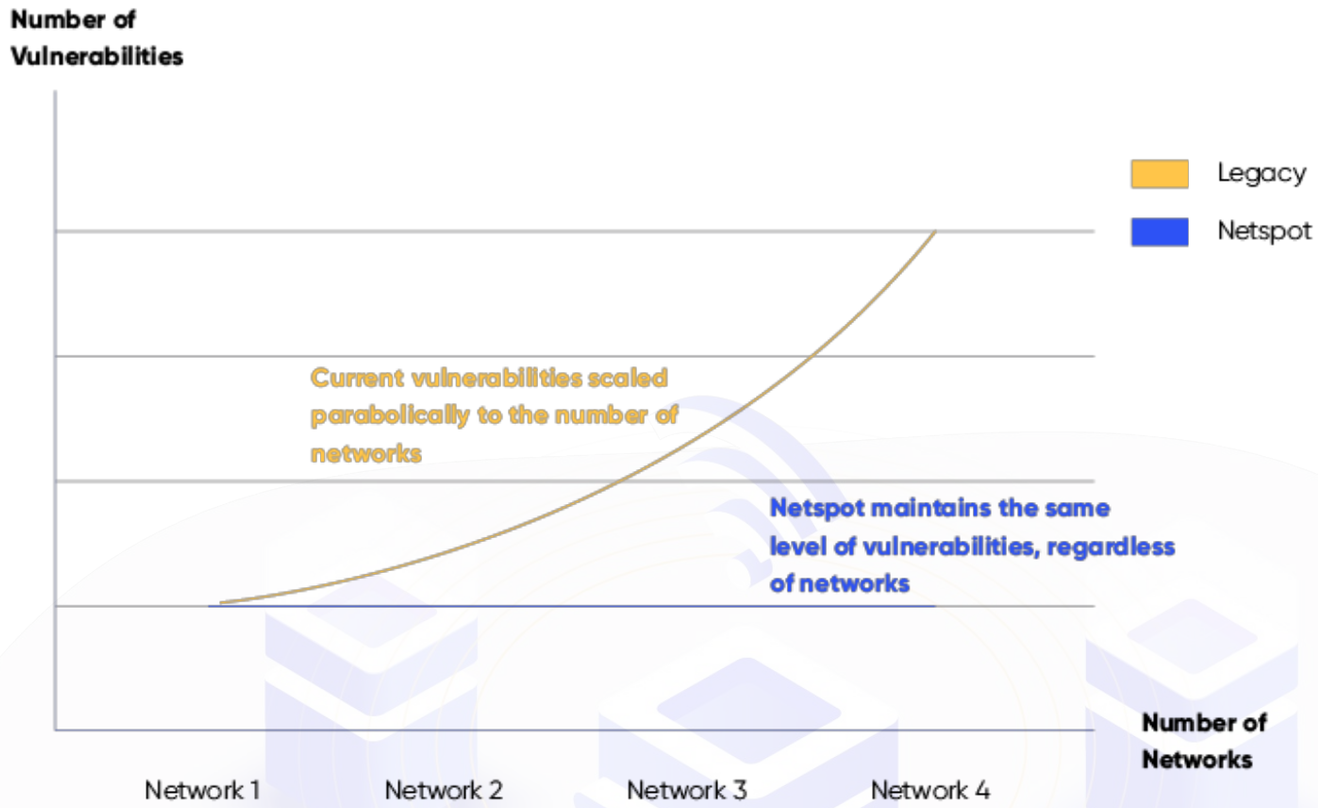


The Netspot Infrastructure

- The Netspot blockchain can run independently and is highly efficient at a lower cost.

- It is able to scale its network without compromising on the low cost fees, security and low level of vulnerabilities.

- With the expanded solution, Netspot token holders or nodes are able to act directly as affiliates/ambassadors of the product (Netspot hardware, software) allowing a sustainable cycle of self-propagating marketing that rewards all participants/stakeholders of the network for the extrinsic growth in business - consequently the token economy for Netspot.



The Netspot Node

Netspot architecture is designed with a node-based protocol deploying a model (Delegated Proof-of-Hardware) which closely resembles the Delegated Proof-Of-Stake (DPOS) model of consensus. The difference between DPOS and Netspot DPOH model is the additional hardware component that must be present. **Netspot nodes will also be fully incentivised and participate through the Netspot proprietary tokens (NETT).** Netspot nodes represent:

Vendors

Initially, Netspot Solutions will be the sole providing vendor of various services in the Netspot framework, related to maintenance, leasing, marketing of Netspot hardware and CMS.

Key Customers

Customers in the Netspot protocol are both consumers of the networks, as well as participants (sidechains or within mainchain), thereby running their own nodes and being a larger contributor the the network than before (legacy).

Key Service Providers

Other miscellaneous solution providers can invest in running a node for the purpose of providing service to the participants of the network

Enthusiasts/Investors

Due to the permissionless nature of the Netspot mainchain, anyone can be encouraged to run the nodes and reap the incentives distributed over time and effort.

The Netspot Consensus

Delegated Proof of Hardware (DPOH) Consensus Model

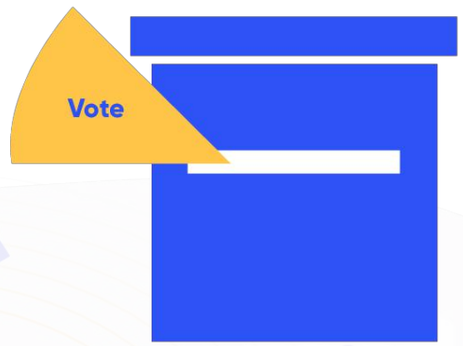
- **Netspot's has adopted the DPOH consensus model**
  The consensus is adapted upon DPOS by building on its native business (device sharing & CMS operations/ management). This ensures that the business of device sharing and growth are intrinsically tied to the token economy.

- With the Netspot DPOH model, owners of the Kiosk would qualify to become validators of the main-chain. The validators (voted upon by token-holders) with the most votes becomes a delegate and can secure, synchronise and maintain the chain, enjoying incentivisation that comes with it.

Delegated Proof of Stake

In **Delegated Proof of Stake**, the voting power is dedicated to determining who will fill the role of delegate, maintaining the network and validating transactions

1 Anyone who holds the blockchain base currency can vote for a validator



2 The validator with the most votes gets to become a delegate, validating transactions and collection the rewards for doing so

The Netspot Consensus

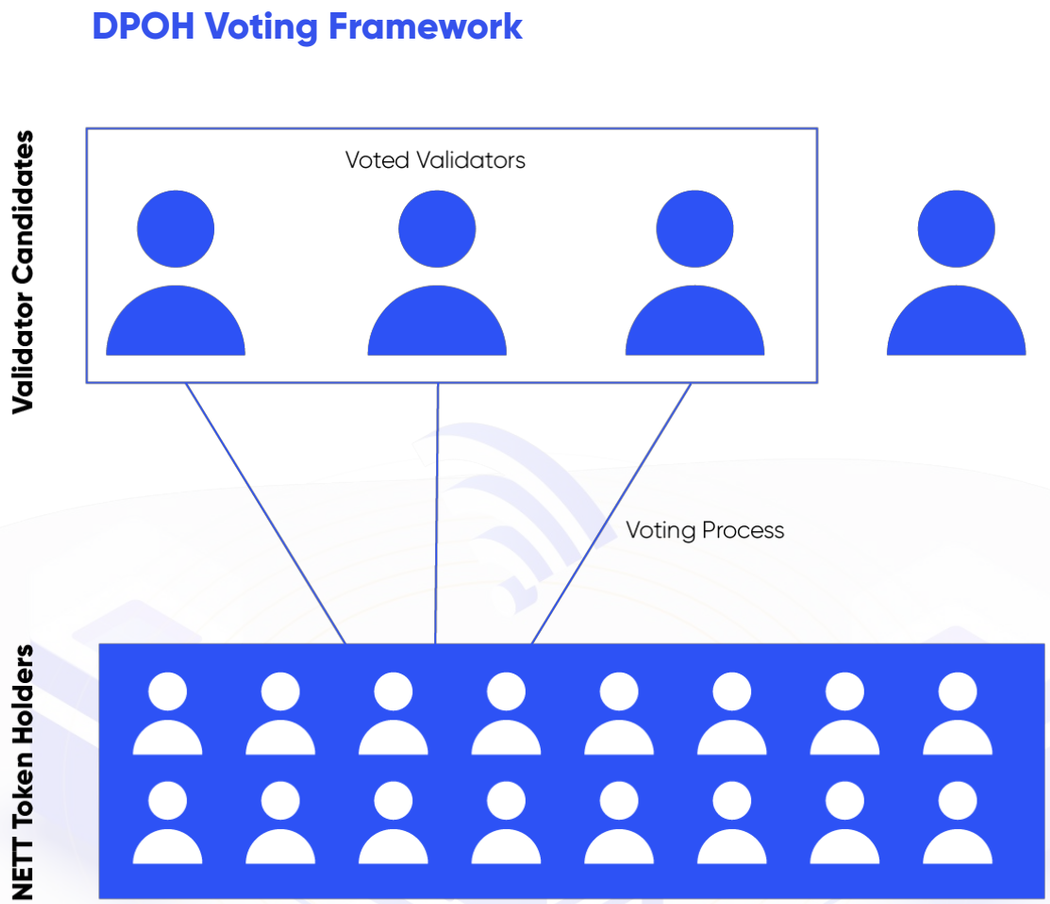
Validators

- Validators (Netspot Kiosk Owners) reside within the validator pool and can potentially be out-voted - which adds a layer of security in the event of bad actors who may be penalized.

- There will only be **200 Validators** at any one time running the NETT main-chain. This ensures that scalability is preserved, while competition for validator nodes is also present at all times.

- Apart from securing the chain, **validators are able to propose and vote for changes** within the main-chain protocol. Examples of such proposals could be:

    1. Inflation Rate change
    2. Validator minimum quorum for proposals
    3. Validator numbers
    4. Staking wallets dynamic
    5. Protocol change
    6. Governance change
    7. Vote in-out stakers/validators

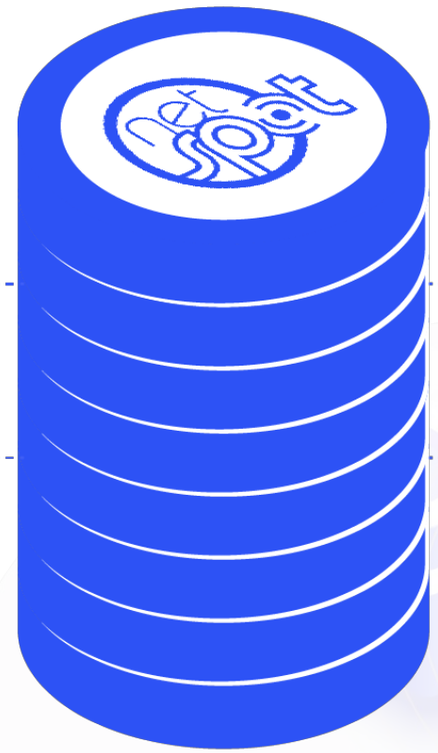


The NETT Token

The token holds a utility function that provides for **participation, consumption of services, stakeholding,** as well as **voting rights** for the Netspot main-chain. The token supply is dynamic and works according to the growth of the Netspot economy

Voting Rights

Only NETT token holders are able to carry out voting activity. This ensures that all voters are aligned with the wellbeing of the chain, reducing external influences and bad actors from interfering with the native chain operations and health.



Participation

In order to enter the Netspot economy, users have to first purchase NETT as the entry point to network services.

Stakeholding

The incentivisation of token holders via staking wallets (qualifying as voters) as well as validators (kiosk owners who are voted in) are inbuilt into the protocol - and therefore rewards these participants who form a critical operative function to governance of the Netspot main-chain.

Consumption of Services

All services rendered on the Netspot ecosystem such as leasing of devices from kiosks, purchase of services from vendors (maintenance, kiosk lease, operations), running of software (CMS) will be paid for via NETT.

The Netspot Economy

- The token economy is designed to be dynamic in terms of it's inflation rate, with minimal intervention by the Netspot token issuer working to the advantage of token holders - thus allowing sustainability between incentives and token holder behaviour over the long run.

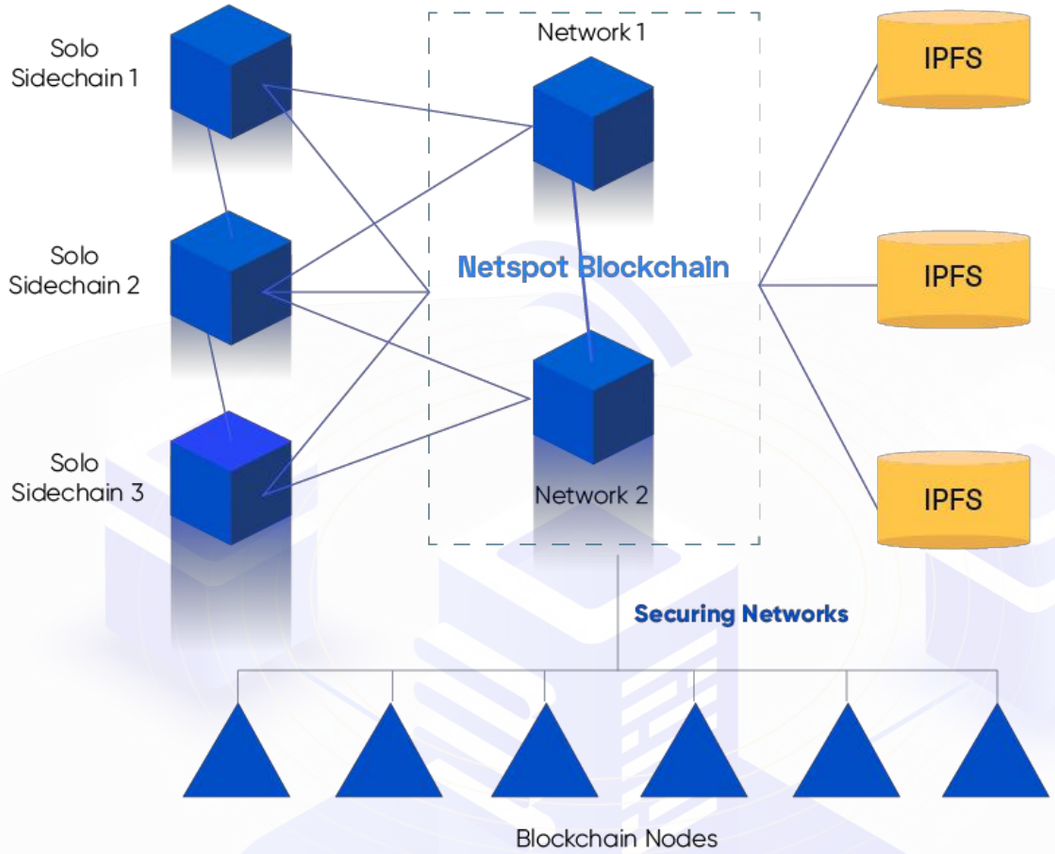
The end-user (Device leasing)

The end-user is of utmost significance, as they are the direct consumers of the device sharing economy. With tokenisation of the protocol, users can be incentivised in a manner previously unavailable to legacy systems.

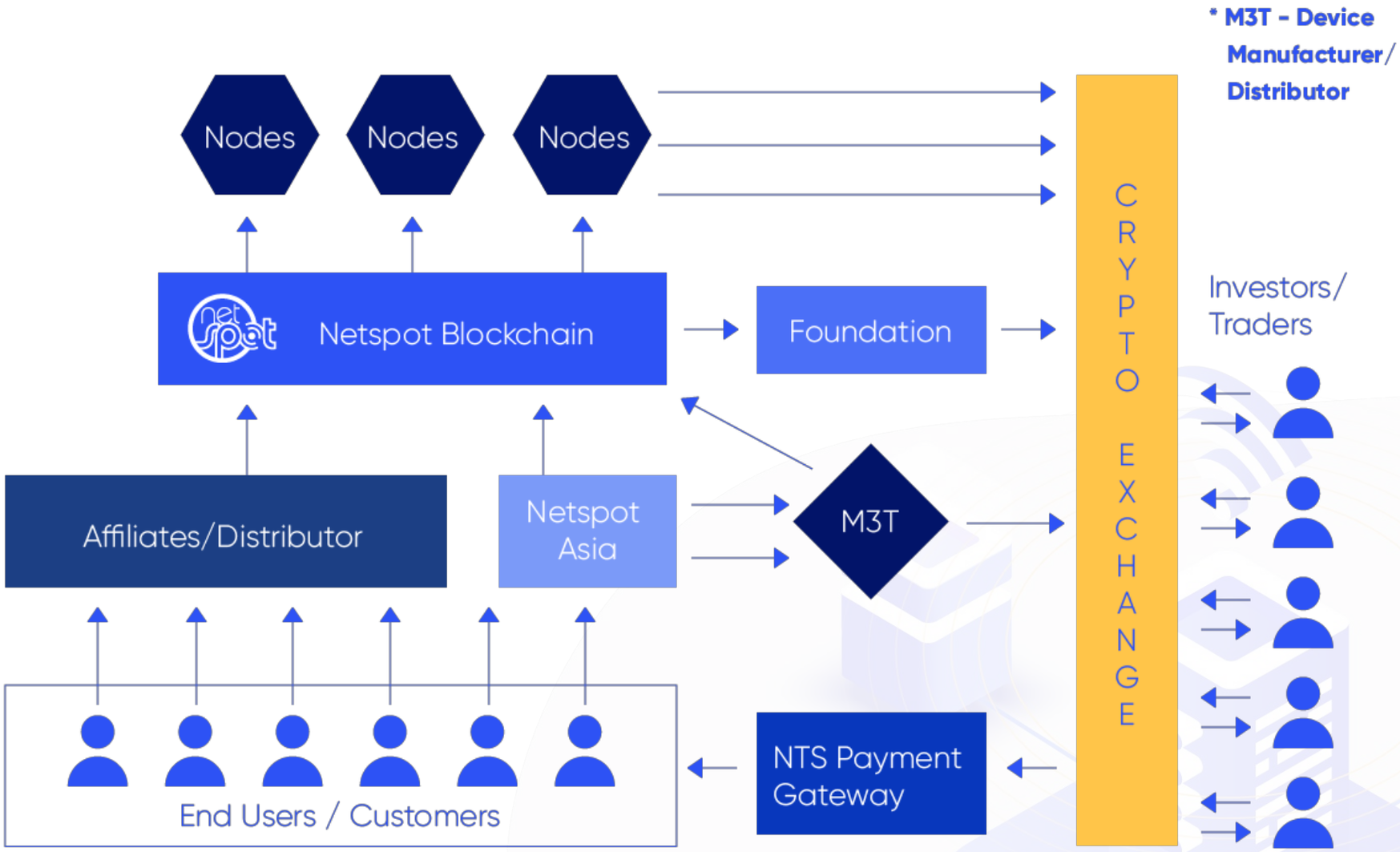
Cross (side) Chain / data sharing potential

With the side chains built on the native Netspot protocol, enterprise networks are able to interconnect and collaborate on a high level scale, while preserving data integrity within the off-chain IPFS databases.

Netspot Architecture showing interconnectivity between networks



NETT Token Flow



Roadmap

August – December 2019: Funding + POC launch

Jan 2019 — Project Conceptualisation and Whitepaper Formation

Mar 2019 — Seed Funded USD1M

Jul 2019 — Whitepaper Launch and Media Roadshow commence

Aug 2019 — **Investor Roadshow / Closing of round 1**

Sep 2019 — Closing of round 2

Oct 2019 — Closing of round 3 / IEO on major exchanges
NETT Token is listed on major exchanges

Q4 2019 — Proof of Concept is released on Netspot solution CMS

2020: Development and deployment

Q1 2020 — First integration of NETT with Netspot CMS + Test of tokeneconomy

Q2 2020 — Closed beta test with partners using NETT for device usage

Q2 2020 — Proof of Concept developed for Netspot Net + Development begins for Netspot Payment App (Fintech Bridge)

Beginning Q3 2020 — Launch of Netspot Testnet + Closed Beta

End Q3 2020 — Open Beta for Netspot Testnet + Staking functions development

Q4 2020 — Development on Netspot Mainnet + Launch of Netspot Payment App

End Q4 2020 — **Launch of Netspot Mainnet + Open Beta**

2021: Official Launch and Commercial Deployment

Q1 2021 — Official Launch of Netspot Mainnet

Q1 2021 — Onboarding of initial enterprise clients + Stakeholders for NETT Mainnet

Q2 2021 — Partnerships with MNCs for usage of NETT + Retail onboarding and affiliate rollout

Q3 2021 — Mass marketing and partnerships to rapidly onboard both enterprises and end-consumers

Q4 2021 — Promotion of cross-use single login identity across multiple platforms

Q4 2021 — Launch of Netspot foundation and development fund

2022 and Beyond

Mass adoption and mass commercial deployment to support the sharing economy of devices and the Internet-of-Things. To grow Netspot into a globally recognisable and omnipresent technology network.

Our Partners

AIR CANADA

Air transat

AVIATION TECHNICAL SERVICES

THALES

norwegian

UNITED STATES NAVY

AirEuropa

BOEING

Lufthansa Technik

DHL

jetBlue

Alaska

OSF HEALTHCARE

BROOKDALE UNIVERSITY HOSPITAL MEDICAL CENTER

GROB AIRCRAFT

gfi NEW CHALLENGES, NEW IDEAS

Our Partners

Ville de Montréal

SAINTE-JULIE

VAUGHAN

Richmond Hill

CN

BAnQ

TELUS

American Airlines

SORBONNE UNIVERSITÉ

trois-rivières

Coquitlam

Granby
Ville rayonnante

Hamilton

THE TOWNSHIP OF MILLBURN IN THE COUNTY OF ESSEX EST. 1857

1884
Memorial Sloan Kettering Cancer Center™

KINGSTON

Our Partners

st.petersburg
www.stpete.org

Seneca

THE CITY OF Waterloo

WESTJET

CN

sabena aerospace

Team & Advisors

Experienced serial entrepreneur with 20+ years of P&L ownership and a significant track record of business improvements, both at the top and bottom line levels. Change agent focused on the identification of key market differentiators that provides competitive advantage. Strong belief in the empowerment and coaching of the right team members towards a common vision for sustained growth and profitability.

Alain Laberge

Chief Executive Officer

Stephanie holds a master's degree in management of digital innovation from the London School of Economics. She has extensive experience in project management and in implementing business procedures. Her interests in life are broad, but her work experience has been targeted towards operations in the aviation and the I.T. industries. Her dedication to customer satisfaction has led her to develop an expertise for on-time delivery through effective management of resources and timelines.

Stephanie Zummo

Chief Operations Officer

Team & Advisors

Ron has been professionally involved with the internet since early 90s gaining extensive experience in all aspects of web development from planning to going live. In addition to this, Ron has extensive knowledge in digital marketing for leading search engines and social media platforms. Ron has decades of business experience from startups to large companies taking part in corporate development, brand development as well as business planning.

Ron Reichert

Web Manager/
Social Media Advisor

As Technology Lead, Stephane leads all technology across the organization, from R&D to Operations. Stephane has been helping organizations build & transform themselves on a global basis for the last 25 years in multicultural and diversified industries such as Banking, Telecom and Transport. Taking organizations to the next level is his passion, transforming everything from core organization, attracting and retaining the right resources, creation of end to end value chain with a constant view on customer satisfaction and continuous improvement.

Stephane Lamoureux

Technology Lead
Board Advisor

Team & Advisors

Stephane Menard

Montreal Board Advisor
Co-Founder & CEO of M3 Touch

Stephane is seasoned executive with 25 years of experience in Telecommunication and IT companies internationally. For the last 18 years Stephane has held C-Level positions in Engineering & Business Development. After his EE degree from "Ecole Polytechnique de Montreal", Stephane started is career at Nortel Networks and carried on with Nordx (Director of the Micro-Electronic division in Silicon Valley), CDT (Senior Director of Product Management), Simpler Networks (VP engineering then CTO) and currently Founder and CEO of M3 Touch Inc. Throughout his career Stephane was always involved in the business development cycle of high tech product offering with fortune 500 companies.

Jun Lu

Board Advisor
Co-Founder & CEO of
M3 Touch World

Jun has over 25 years of international experience in operations within a global high technology environment with companies such as Philips, Daimler Benz, Simpler Networks, Evolution Robotics and Tamaggo. He specializes in product development, engineering, manufacturing, production & quality control, supply chain development & management, and has successfully completed assignments in Canada, USA, China and Taiwan. He holds a Bachelor of Science in Electrical Machinery Engineering from Shanghai University of Technology and a Global MBA from Tulane University in USA.

Team & Advisors

Denis Mathieu Montréal

Board Advisor

Contact Us

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