



The Travel Industry Consortium

Workshop on the Future of Business-to-Business (B2B) Payments
@ECB, Frankfurt on Oct 9, 2024

By Chain4Travel

Chain4Travel Facilitates Camino Network for the \$11 tn Travel Industry



Preparing the industry for the future enabling CBDCs, digital assets and digital identity wallets



Leave behind today's fragmented travel IT landscape & ancient legacy systems

Camino Network



Trading travel in a decentralized p2p network, governed and owned by travel companies

Milestones



90+ validators

govern and own the network in a decentralized approach



190+ supporters

Lufthansa, TUI, DER, Miles & More, Juniper; to name a few



250k+ transactions

on mainnet (August 2024)

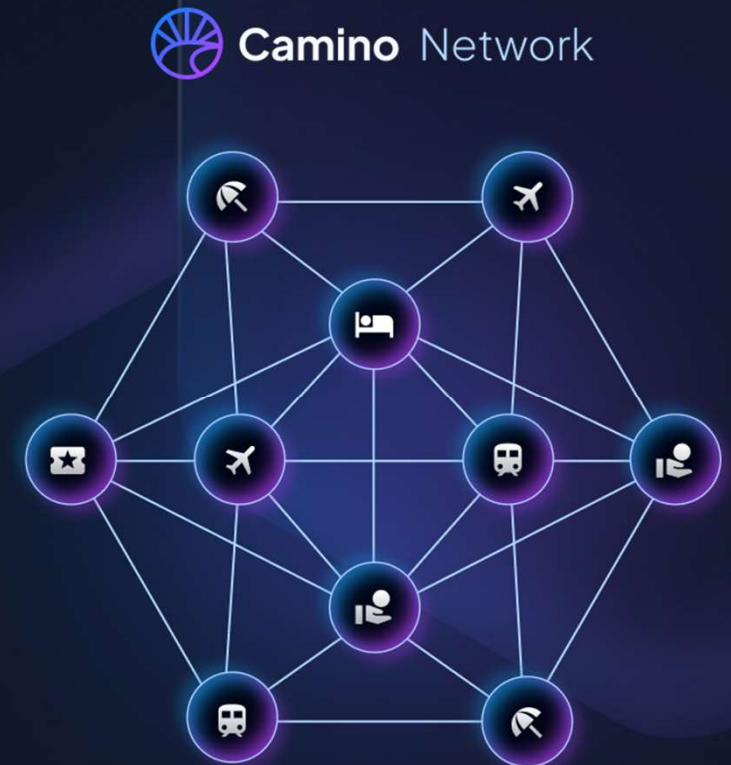
Agnostic, global infrastructure for all travel related applications

Camino Network & Digital Payments



Digital payments remove friction and cost from international travel

- **Payment in travel** today is complex, cumbersome, expensive (3-8% of the transaction amount)
 - Largely relies on VCC, or deposits + bulk settlement
- **Active use case developments** and Proof of Concepts (PoC) with major airlines and other travel companies on concrete B2B use cases require programmable digital money (now stablecoins) and, thus, can incorporate the digital euro
 - direct (network) distribution and procurement,
 - loyalty and voucher solutions,
 - payment and settlement functionalities,
 - and many more
- Chain4Travel is already a **member of the latest Large Scale Pilot** „Aptitude“ for the EU Digital Identity (EUDIW, eIDAS 2.0)



Use Cases on Camino Network in Development by Partners



 Trading of Travel Products	 Payment & Settlement	 Loyalty	 Wallet Rates	 Digital Collectibles	 Pooling	 Contracting/ Purchasing		
 Demand Generation	 Quality / Verification Seal	<p>More than 200 use cases across travel verticals</p> <p>Focus on more than 40 applications in dev</p>			 Reviews	 Token Gated Access		
 Baggage Tracking	 Single Source of Truth				 Locking Systems / Building Automation	 API Substitution		
 Voucher Handling	 Tracking				 Interlining	 Connect to one - connect to all	 User Generated Content	 SSID
								 ... and many more

Camino Network Builders

Live and under development



 Web3 OTA	 Crypto-based e-shop	 RWA Tokenization / DeVest marketplace	 Stable coin (EURSH,...)	 3LC airport operations	 H2O App	 PoC flight content distribution	 Insurance
 Hotel trading platform	 Booking of DMC content	 Payment	 Sustainability	 Tokenization of SAF credits	 Demand generation	 Stablecoins B2B payments	 B2B payments
 Airport loyalty / spending	 Trip Configurator	 Hotel information	 Camino Messenger	 Distribution	 Payment & settlement	 Sky fly sell & resell / smart rental cars	 Trading platform
 BuyBack C2B Platform	 Trusted reviews / surveys	 Web3 customer journey	 Voucher Tokenization	 Tokenization of SAF credits	 Loyalty program	 Camino Messenger	 Long tail loyalty
 NFT booking	 Loyalty	 AKAPass	 On-chain visa	 B2B settlement	 Destination platform	 Coral Reef Tokenization	 Vself: Community

We Discuss Digital Payments in the Camino Network Consortium



Conference agenda Oct 1

	Noon	Afternoon
SPONSOR Flying Lunch FRESHCELLS SYSTEMS ENGINEERING PARTNERS	SPONSOR Hexens	
Innovative Travel Solutions: Our Crypto-Based E-Shop On Camino Network Yannis Dimitriadis CEO AVRA Dimitris Mylonas Software Engineer AVRA	Digital Payments - How Will We Pay in 2030 Benjamin Usinger Camino Network Foundation	
State Of The Web3 Travel Startup Ecosystem Beat Blaser Co-Founder & Partner Falkensteiner Ventures, Tectris.vc	Stablecoins and the New Era of Cross-Border B2B Payments Lars Schoening Channel Partner & Market Strategy Manager Swiss Suby Valluri CEO Finmont	
The EU Digital Identity Wallet In The Travel World Annet Steenbergen EU Digital Wallet Consortium Advisor	BuyBack: The C2B Evolution Of The Non-Refundable Rate Lamberto Livraghi Online Hospitality Expert BuyBack	
Proof of Concept for flight content distribution via blockchain Mickael Woelcke Business Analyst & Project Lead Lufthansa Group Manikandan Ramaswamy Domain Consultant Lufthansa Group	Seamless Customer Journey From Airline Tickets to Room Access Powered by Web3 Michael Weber Founder and CEO Falcon Star Aviation Group Sebastian Beck International Sales Manager ISO Gruppe	
	Me Protocol: The Rewards Layer for the Travel Economy Robert Wesley Founder, CEO @ My AI	Coffee Break Hexens SPONSOR
		The Next Generation Of Travel Insurance Billie Carneau Director Avata
		Beyond the Booking: How Blockchain is Transforming B2B Travel Nigel Horne CEO Bakuun
		From Concept To Reality: Progress On Selling Excursions Via Camino Messenger Piotr Zohnierek CTO Invia
		HODL, BUIDL, TRAVEL: Class Ticket to Crypto Yessin Schiegg Camino Network Foundation
		The Next Leap of Camino Pablo Castillo CEO & CTO Chain4Travel





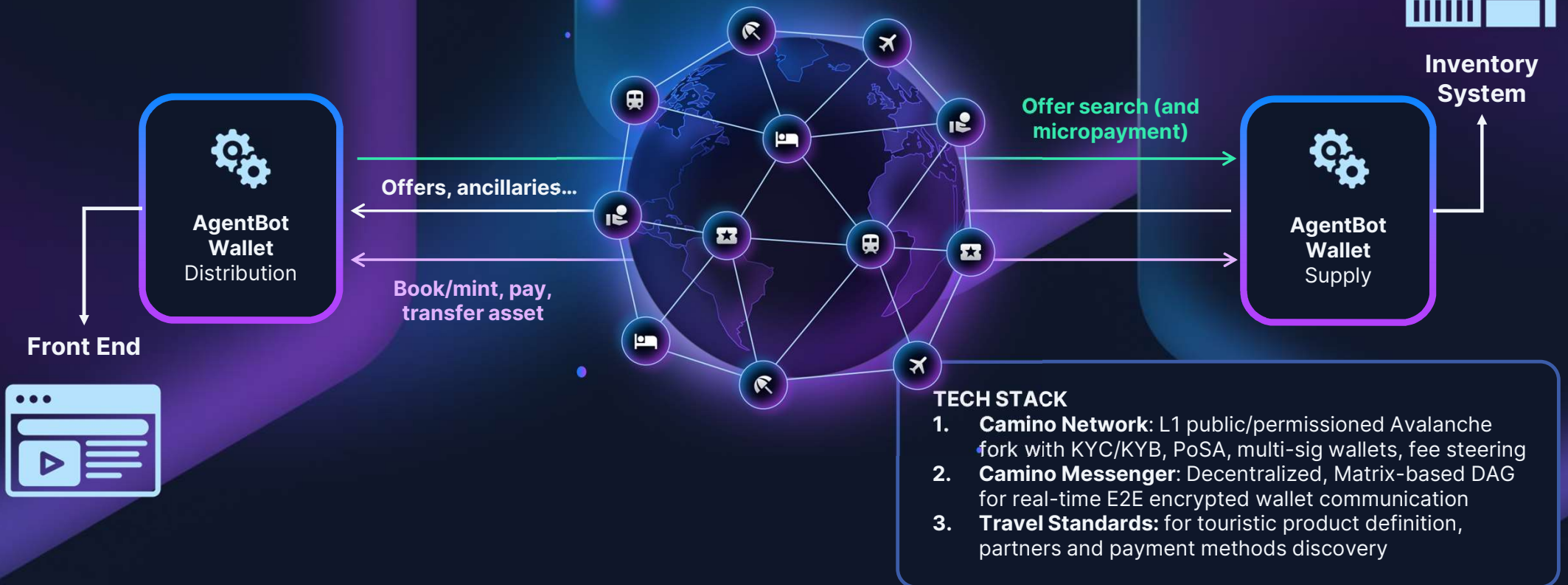
Example Use Cases

The Core B2B Business: Selling & Buying Travel

Camino Messenger: Sourcing and distributing travel assets with atomic payment

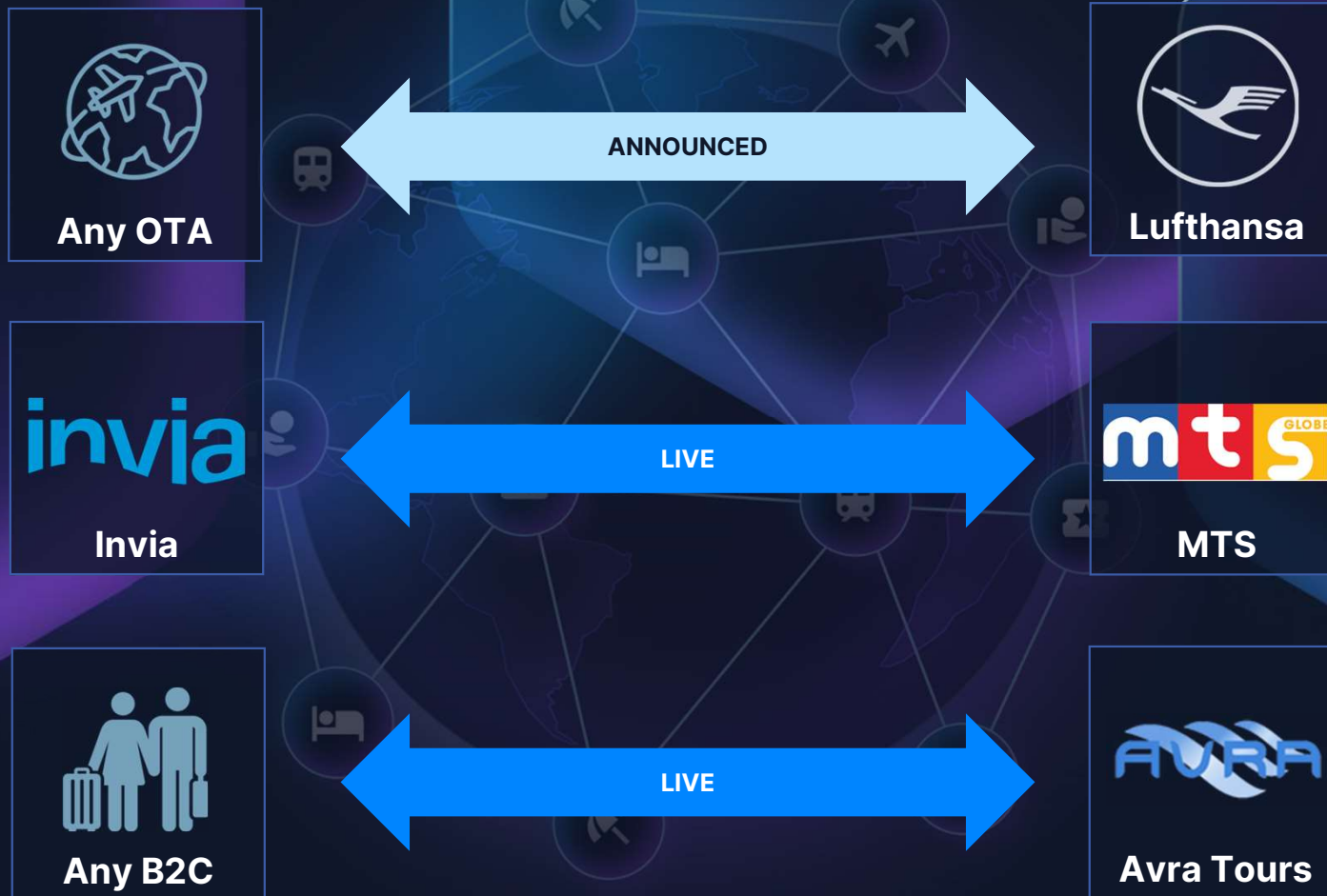


Inventory System



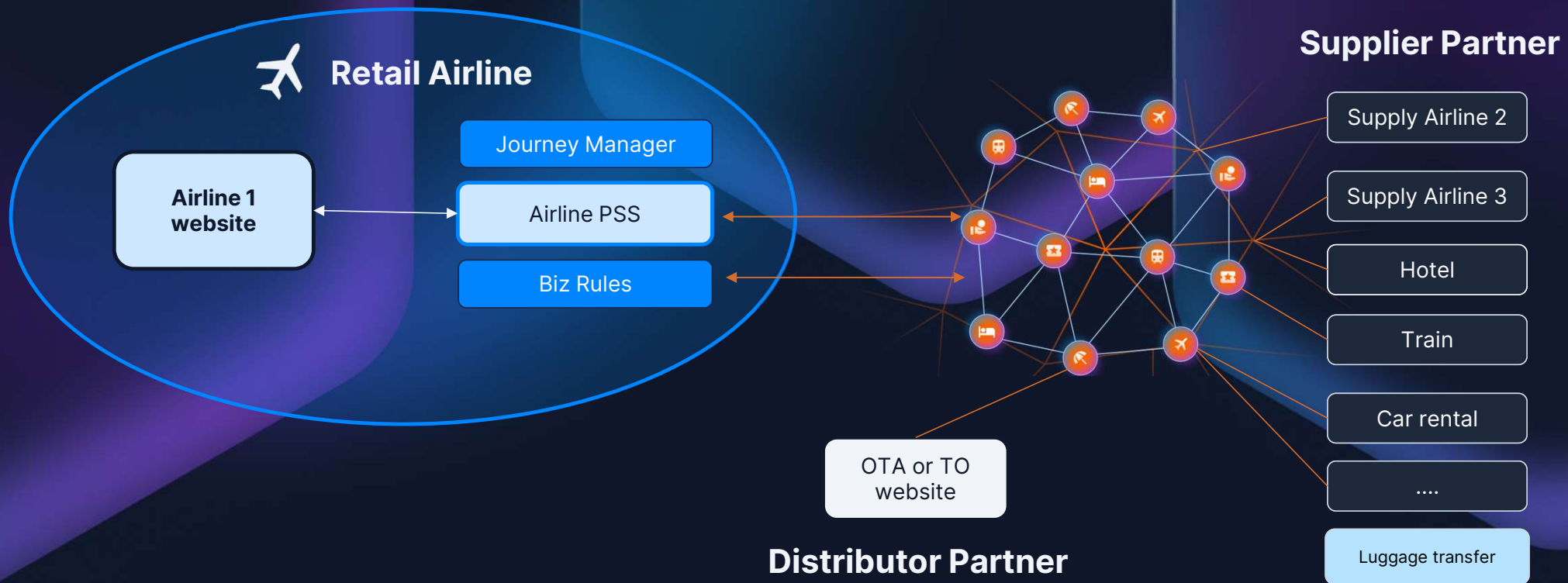
The Core B2B Business: Selling & Buying Travel

Cases live or public announced on Camino Messenger



Major Airline Association: Airline Retailing, Interlining

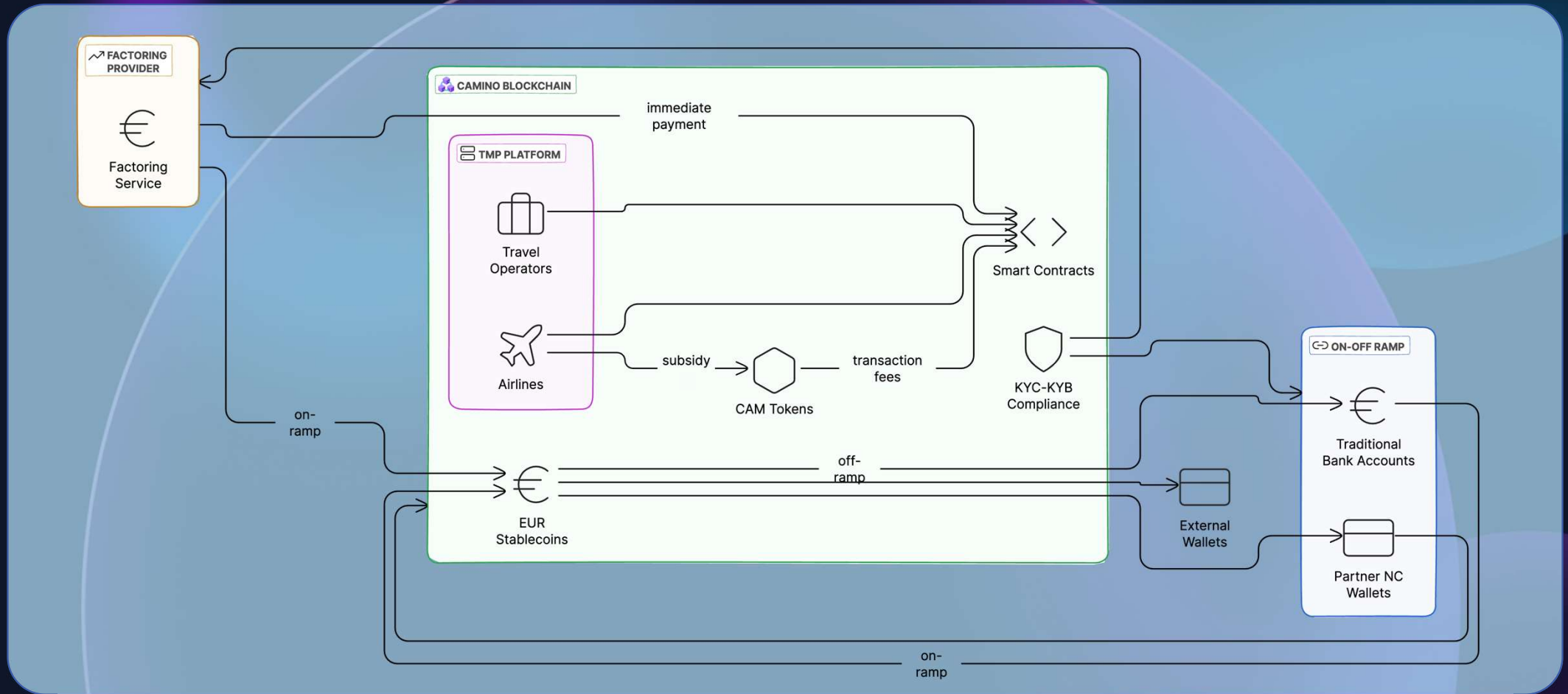
Camino Network supports retail connectivity (Offer/Order)



Major European Airlines: Marketplaces



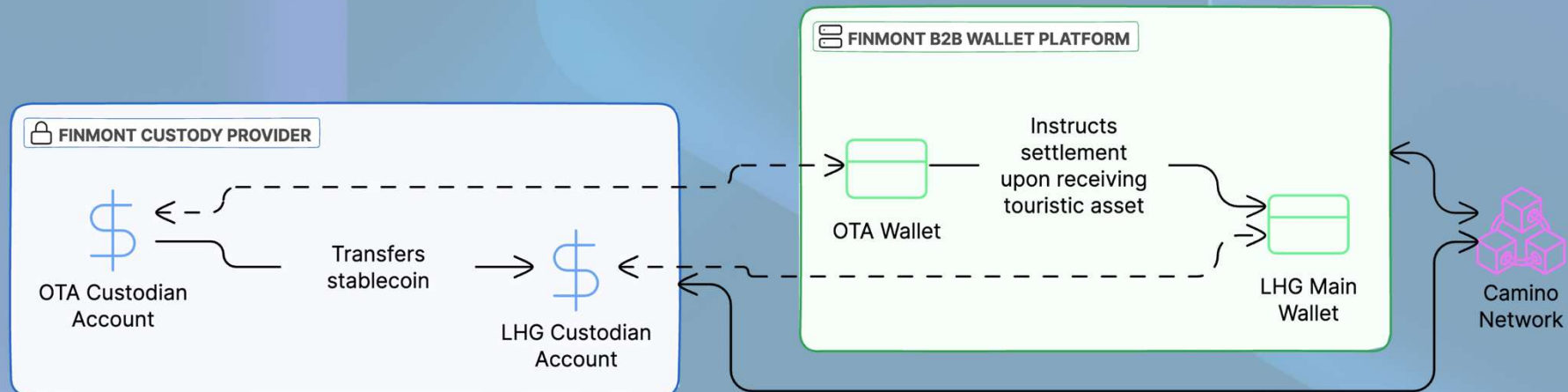
Trading of charter flight allotments among tour operators and airlines



Lufthansa Group: The New Era of Cross – border B2B Payments



Powered by Finmont (by Hahn Air)

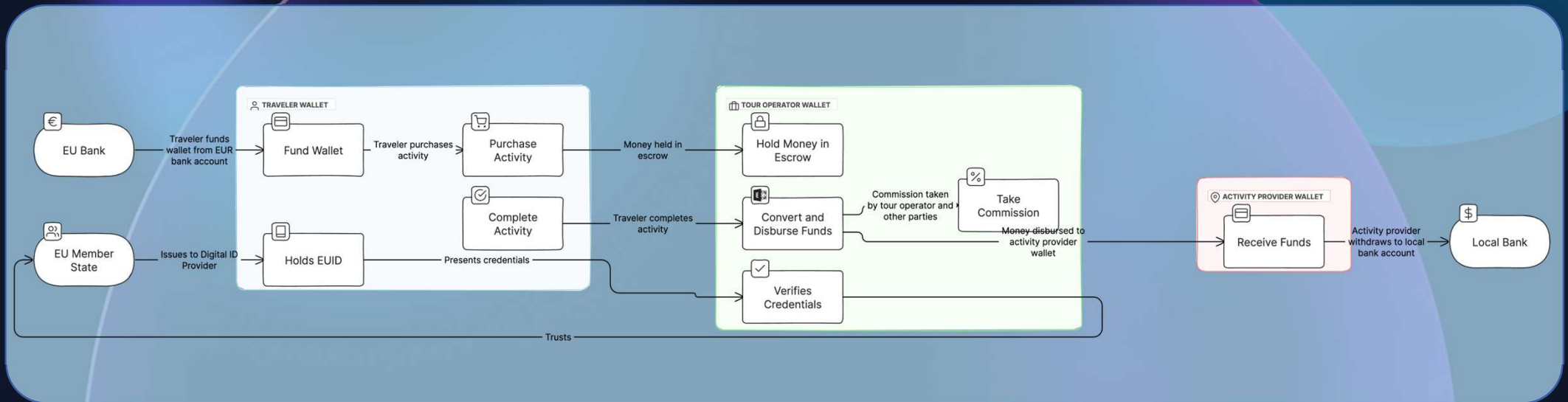


FinMont stores the metadata about the transactions in the Camino Network blockchain, aligns the custodian payments flow with Wallet-to-Wallet travel settlement

Alpitour World: Digital Disbursement In Destination



Digitize cash- and risk-intense process to pay local suppliers upon Id verification and business conditions





Requirements

Travel is the Ideal Industry



For the adoption of B2B digital euro & new technologies for wholesale Central Bank Money settlement (ntwCeBM)



Complex Multi-Party Transactions:
Mirrors financial networks



High (micro)transaction Volumes: Stress-tests system capacity



Real-Time Settlement Needs:
Matches financial market demands



Diverse Payment Structures: Tests system flexibility (DvP)



Programmable Money Use Cases:
Concrete applications (e.g. escrow)



Industry-focused: Utilization of stablecoin and industry-specific tokens (e.g. miles)



Liquidity Management: Mimics financial institution needs



Cross-Border Operations: Aligns with international settlement goals

Requirements 1/2



Atomic and Instant Transactions

- Support for atomic execution of travel bookings and payments
- Capability for real-time settlement
- Efficient handling of micropayments



Programmable and Conditional Payments

- Smart contract functionality for complex scenarios (e.g., multi-party commission distribution)
- Condition-based disbursements and refunds tied to trip events, cancellation policies, or travel disruption
- Complex escrow arrangements specific to travel industry needs
- Automated handling of intricate commission structures and fee distributions



Standard Adoption and Interoperability

- Focus on a common currency solution (digital Euro) while enabling coexistence with ecosystem-specific tokens (e.g., miles)
- Integration capabilities with EVM-based blockchain networks like Camino with decentralized, oracle-based APIs



Requirements 2/2



Cross-Border and High-Volume Capability

- Seamless support for international transactions in EUR with automated FX-based exchange to local currency
- Capacity to process large transaction volumes typical in the travel industry



Flexible Settlement, Liquidity Management, and Factoring

- Support for various settlement models, focusing on DvP
- Tools for efficient management of digital euro holdings by travel companies
- Capability to integrate liquidity factoring providers into payment flows
- Facilitate seamless onboarding of financial services to support working capital needs in the cashflow-focused travel industry



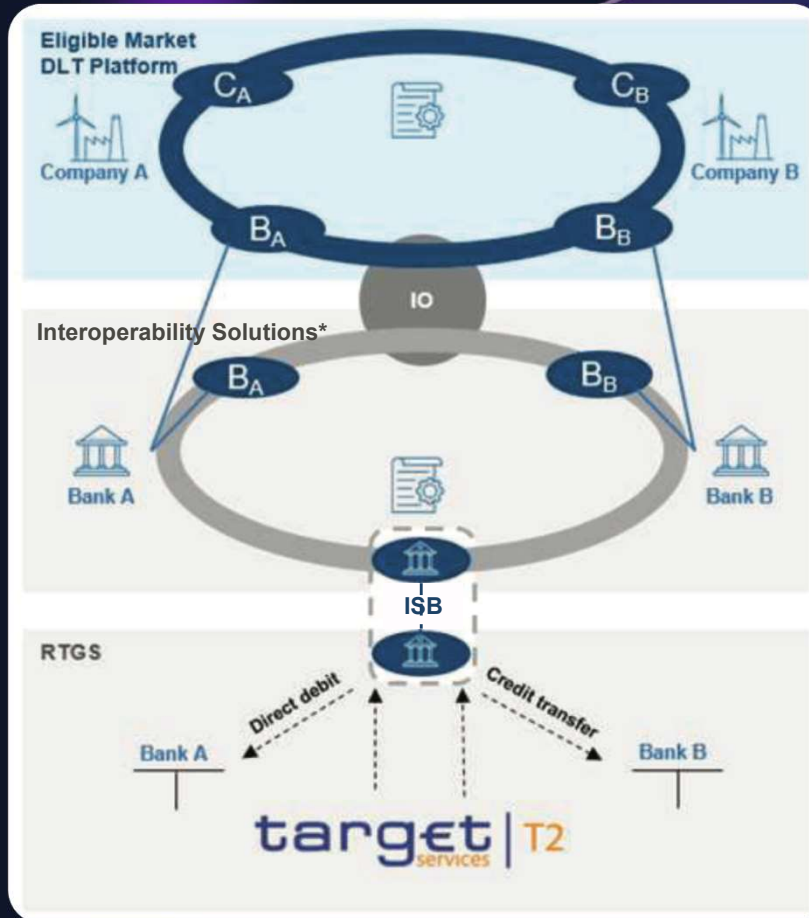
Digital Identity and Security

- Interoperability with digital identity solutions (e.g. EUDI Wallet) in B2B2C scenarios, to enable elective disclosure of data with user consent while maintaining end-to-end data encryption
- Robust security measures appropriate for B2B transactions
- Privacy features suitable for business operations



Ecosystem Integration

Camino Network as an Industry Market DLT Platform in TARGET



1. Buyer and Seller agree on the exchange of a travel booking against EUR on the Camino Network.
2. According to the Interoperability Mechanism, a Payment Instruction is created via smart contract in the Interoperability Solution (IS).
3. IS-providing Central Bank (ISB) converts the Payment Instruction into ISO20022 messages and submits them via ESMIG to T2 / RTGS.
4. A direct debit is sent to T2 to debit the payer bank's RTGS DCA and credit an interim account of ISB. Info on the successful or failed settlement sent to IS.
5. A credit transfer is sent to T2 to debit the interim account of ISB and credit the payee bank's RTGS DCA. Info on the successful or failed settlement sent to IS.
6. The status of the payment instruction is transferred to the Camino Network, where the booking is finally transferred.

- ✓ No loading of wallets with stablecoins prior, no impact on cashflow
- ✓ Atomic payment/settlement maintained
- ✓ Still enables all travel complexity handled by Camino Network
- ✓ Payment still composable with industry-specific tokens

- * 1. Full-DLT Interoperability Solution (DL3S)
- 2. TIPS Hash-Link
- 3. Trigger Solution

Camino Network is the Perfect Test Bed for ECB Exploratory Work on B2B Digital Euro / NtwCeBM



Pioneering digital money integration in the \$ 11 tn travel industry

Traction with major travel companies on B2B use cases

Offers a practical industry testbed for CBDC implementation

Demonstrates potential to reduce costs and friction, increase trust in complex transactions

WE WELCOME:

Digital euro/ ntwCeBM Proof of Concept projects



Contact Us



Anke Hsu

Chief Growth Officer, Chain4Travel
anke.hsu@chain4travel.com



Michele Ruberl

VP Product, Chain4Travel
michele.ruberl@chain4travel.com