



COINWEB™ | LABS

A turnkey cross-chain solution, shipped by Coinweb Labs & built on top of the Coinweb Protocol.

There are significant problems in the blockchain space that act as a barrier to entry for everyday usability and prohibit mass adoption.

The technology is difficult to assess and utilize as a project or traditional business. Many L1 blockchains and solutions built on top of them make similar claims and promises, with few good options to differentiate between them. To add a further complication, digital assets have a high barrier of entry due to a wide and unpredictable regulatory landscape that is predisposed to knee-jerk reactions from governing bodies as they navigate uncharted territories. Not to mention, the difficulties for projects and traditional businesses to find skilled developers that combine blockchain expertise with UI/UX experience to deliver functioning end-products that consumers find useful, when in contrary, overly funded blockchain projects have had the pick of the litter with the ability to remunerate them with fiat and the unparalleled capital appreciation promise of tokens.

Coinweb Labs is a boutique incubation environment built on top of the Coinweb Layer 2 cross-chain computation platform, that has already delivered a number of projects successfully to the market. The core focus is to advise, build and ship products enabling easily accessible touch-points with the technology. Building on top of the Coinweb protocol delivers flexibility, mitigates risk and considerably cuts costs for anyone who wants to build blockchain-related applications.

In addition to advising and building products, Coinweb's sister company, OnRamp, maintains a number of digital asset consents and licenses around the world, which in turn enable multiple fiat rails that projects can leverage, solving the key issue of liquidity. The above services and strategy have the ultimate aim of delivering mass adoption for blockchain technology in a frictionless environment at an affordable cost.

Are you ready to unlock the power of blockchains?

Coinweb has released a number of products and features to date, helping to alleviate the above-mentioned bottlenecks. These include white-labelled wallets with multiple fiat rails that support more than 170,000 unique users.

Component parts of the platform working today include:

 <p>Cross-Chain Tokenisation</p>	 <p>Cross-Chain Broadcasting</p>	 <p>Cross-Chain Routing System</p>	 <p>Fiat Rails with regulatory licenses</p>
 <p>Multi-Tenancy Wallets</p>	 <p>Coinweb Explorer</p>	 <p>CWEB Token</p>	 <p>CWEB Staking</p>

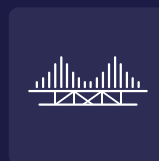
We're not stopping there...

Solutions in architecture & development for delivery in the medium term



Parallel execution of smart contracts

Our computation model scales horizontally, reducing bottlenecks in smart contract code execution.



Trustless Bridges

Bridging through Coinweb does not require consensus or validators - we use deterministic computations.



Cross-chain liquidity pools

Using CWEB as a medium of exchange on Layer 2, we are able to provide and acquire liquidity over multiple chains.



Developer Suite

Coinweb uses the WebAssembly runtime environment (WASM), allowing programmers to use any language and toolchain they already know.



Cross-chain smart contracts

Coinweb's reactive smart contracts operate on shards over multiple chains, enabling applications to utilise properties, functionality, and information from those blockchains.



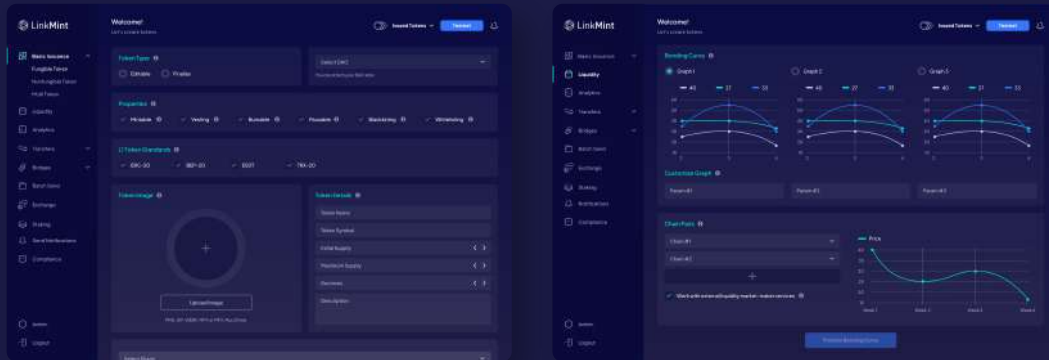
Cross-chain erasure coded transactions

Coinweb ensures easy, cryptographically-secure merging of information between blockchains, allowing dApps to use the merged information in smart contracts without compromising security.



Cross-Chain Tokenisation Platform

linkmint.io



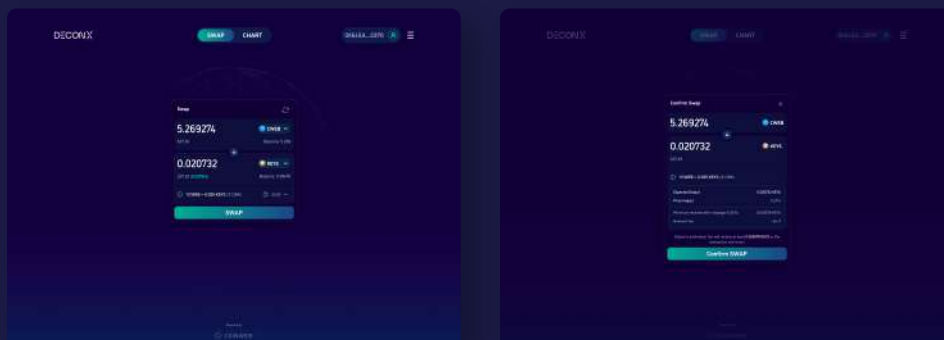
Through Coinweb Lab's cross-chain tokenisation platform - LinkMint, users, developers and businesses can create blockchain-agnostic tokens that can move across chains without requiring any coding knowledge. Its user-friendly portal lets users choose from a set of pre-designed tokens (incl. NFTs), smart contracts and liquidity structures, and adjust each setting as required. The platform will allow its users to design tokens and their functionality from scratch. The token structures have unique properties including the ability to abstract away the underlying L1 & native CWEB gas fees, meaning that the end user can just hold a balance of their own token which they have issued to interact with all blockchains, solving a key bottleneck to mainstream adoption.

Once created, these assets are embedded into a layer 1 blockchain of choice and can be moved across chains at will. They can be traded between Coinweb wallets and within a built-in simple marketplace, Decon X, and users will be able to bridge them down to any chains that are connected to the Coinweb cloud, allowing the tokens to eventually connect with nearly all major exchanges and dApps in the space. This gives Coinweb's users access to blockchain's immense benefits while mitigating individual platform risks and downsides.



Simplified Cross-Chain Marketplace

deconx.io



CWEB, STBL and all tokens created in our ecosystem by our Cross-chain Tokenisation Platform, LinkMint, will be instantly supported by the Coinweb protocol and tradable within the ecosystem. Coinweb's sister company, OnRamp, has already secured regulatory licenses in multiple jurisdictions worldwide – enabling numerous fiat rails to deliver liquidity for The Coinweb Wallet, Multi-Tenancy Wallets and Marketplace. The Marketplace will focus on custom and newly minted Coinweb tokens where users will be able to perform atomic swaps to access broader exchanges and higher liquidity.

Multi-Tenancy Wallets

Organisations can partner with Coinweb Labs to create their own branded wallet with custom designs and functionalities, allowing their communities to create and trade cross-chain tokens within their own ecosystem.

For example, an air alliance could create their own Wallet, allowing each member airline to create its own loyalty tokens through the alliance that become automatically interchangeable. A multinational car manufacturer could unify its entire operation through its internal wallet with different departments, suppliers and customers creating, using and trading tokens and NFTs for a myriad of purposes.



Tokens and NFTs can be used to streamline payments, decentralise governance, issue non-cash incentives for employees and manage loyalty programs; and everything is tradable on Decon X, with the potential ability to list tokens on 3rd party public crypto exchanges. Multi-Tenancy Wallets come with full operational support, including but not limited to web development, customer services, regulatory compliance, anti-fraud protection, accounting and other operations.

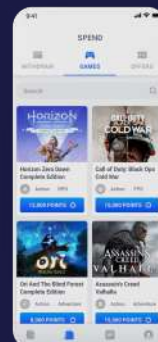
Coinweb and its partner companies also maintain licenses to support crypto operations across North America, Europe and South-East Asia. We offer fully integrated fiat rails with credit card processing, SEPA, Faster Payments, localized account-to-account transfers, and pre-paid crypto debit card issuance.



COINWEB



BMW



BLOCKFORT



OnRamp

Coinweb - The Coinweb Wallet allows anyone to buy and sell the main crypto pairs, create cross-chain tokens and send, receive and trade them with others peer-to-peer. It offers fully integrated fiat ramps, non-custodial portfolio access and management, as well as real-time price data and market information.

BMW - A blockchain-based loyalty programme that serves as a pilot with BMW Thailand; whereby, BMW customers earn loyalty tokens while spending money at BMW or affiliated partners. Tokens can later be redeemed for goods, services and brand-designed experiences.

Blockfort - Blockfort is a payment infrastructure company that enables easy ingress and egress for partners within the digital assets and Esports spaces.

OnRamp - OnRamp is a digital payment infrastructure company that empowers retail users and businesses to access the crypto economy with seamless plug-and-play solutions to make fiat-to-crypto and crypto-to-fiat payments as easy and familiar as mainstream online banking.



Coinweb is a Layer 2 cross-chain computation platform that tackles blockchain's biggest problems with critical innovations that offer more security, scalability, and reliability at the most efficient cost.

Coinweb is on a mission to facilitate the widespread adoption of blockchain technology by increasing accessibility and compatibility for real-world usage. Coinweb's technology reduces barriers by breaking blockchains out of their individual silos, enabling traditional businesses to integrate the technology as well as acting as a catalyst for blockchain ecosystem projects and developers to enhance their scope and ability. Unlike blockchains that compete against each other, Coinweb's decentralised cloud is symbiotic with the entire industry. Users and developers can continue using their existing tokens and smart contracts and enhance them with the Coinweb cloud.

Coinweb's cross-chain routing system utilizes proprietary Reactive Smart Contracts that constantly monitor the activity and performance of underlying Layer 1 blockchains, which allows applications deployed on top of Coinweb to be able to seamlessly switch between underlying chains in the event of a chain becoming too slow, too expensive, has a temporary outage, a catastrophic failure; or just in the event of a more suitable chain coming along, future-proofing the project. Reducing platform risk also means that a project is not subject to the price volatility of the chain they are on, since it can be changed on-demand.

Coinweb lifts computations out of the layer 1 blockchain into the cross-chain execution layer, where computations are deterministic and verified using the RDoC protocol. Using RDoC for deterministic computations above the underlying chains does not require an additional consensus mechanism, and significantly reduces the necessity for a high number of nodes to secure the network – resulting in scalability without compromising on security. Coinweb also unifies the developer space by using Web Assembly (WASM), which allows developers to integrate from the widest range of coding languages, such as JavaScript, C++, Rust and more.

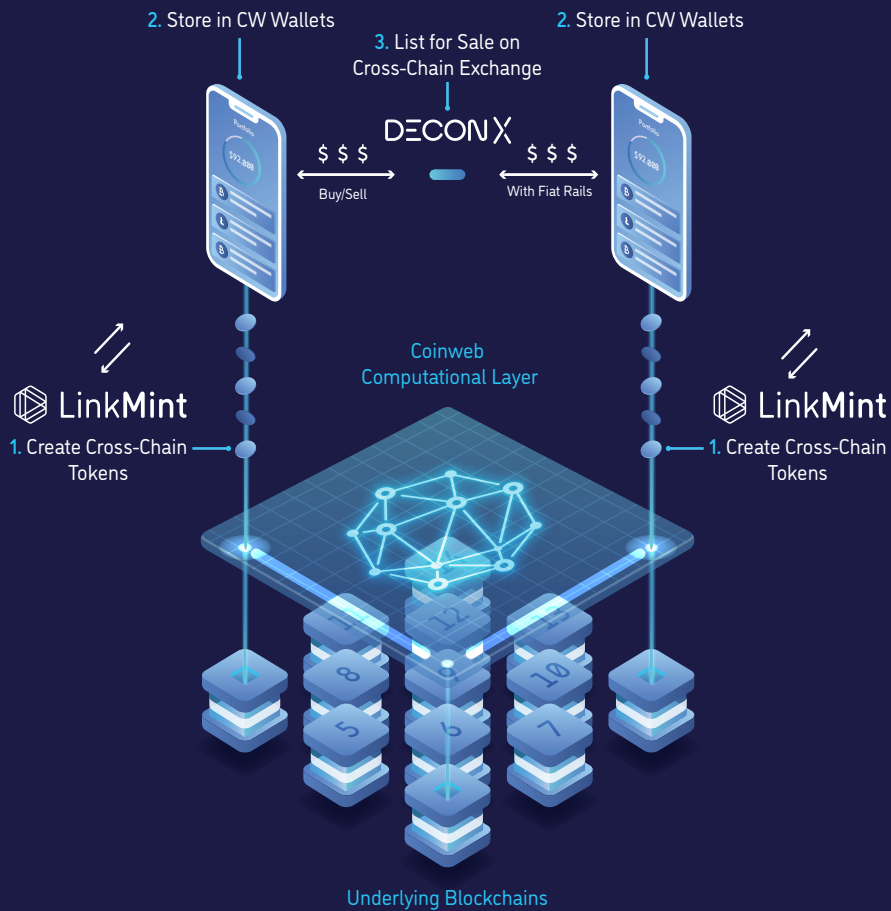
Coinweb has an aggressive roadmap where in the medium term, we will be releasing technologies such as parallel execution of smart contracts, trustless bridges, cross-chain liquidity pools; a developer suite, customized cross-chain smart contracts as well as cross-chain erasure-coded transactions.



OnRamp is a platform built on top of Coinweb serving over 170,000 users and broadcasting around 6,000-12,000 transactions per day to its underlying chains through Coinweb. OnRamp offers smooth ingress and egress of fiat into/out of digital assets to a number of different partners. It has built key banking relationships, acquired relevant consents and licenses and designed, developed and marketed its services to retail as well corporate customers. OnRamp also has its own digital wallet which is available on the AppStore as well as the Google Play store. The platform provides fully integrated KYC, AML protocols, anti-fraud and chargeback mitigation, and credit card acquiring solutions, all seamlessly integrated into a simple-to-use, yet, intuitive digital wallet and multi-tenancy/white labelled e-wallets.



Coinweb Labs' Ecosystem



We've been recognised for our innovation

Entrepreneur

Bloomberg

yahoo!
finance

Forbes

Other Services

Other Coinweb Labs incubation services include; token and customised smart contract design, set-up and issuance, introductory services including but not limited to; crypto exchange listing introductions, market-making, KOLs, funding, community building, developer recruitment, DAO development, staking and airdrop programs.



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