



PLUGIN
DECENTRALIZED ORACLE

ROADMAP 2025





QUARTER





Plugin Upgrade

Plugin 2.4 release:

Plugin 2.4 brings framework updates, preparing for CCIP and Data Streams while improving OCR and Functions. These enhancements boost cross-chain interoperability and decentralized computing. The upgrade also strengthens existing features like Data Feeds and VRF, delivering faster, more secure, and reliable performance.

With a focus on scalability and efficiency, Plugin 2.4 optimizes the developer experience, solidifying its role as a robust decentralized infrastructure for Web3 applications. The improvements ensure better performance and heightened security, making it a more effective solution for building and scaling decentralized systems, all while streamlining development processes and enhancing overall functionality.





OCR Implementation

The Plugin 2.4 upgrade introduces significant enhancements to the Off-Chain Reporting (OCR) system, integrating functional updates that elevate its role within decentralized Oracle networks. These improvements optimize data aggregation, boosting both accuracy and efficiency while minimizing the reliance on costly on-chain computations.

By streamlining processes, OCR now delivers real-time data more effectively, ensuring smart contracts have access to reliable, up-to-date information. The upgrade also reinforces security, providing trust-minimized data feeds that enhance the integrity of decentralized systems. With these advancements, Plugin 2.4 reduces operational overhead, making it a more cost-efficient solution for developers and users alike.

This positions the OCR system as a critical component in improving the performance and scalability of Oracle networks, empowering smart contracts with faster, more secure, and precise data inputs for a wide range of Web3 applications.



Risk Management Network - Off-chain

The Risk Management Network, operating off-chain, will be introduced to assess and address financial and operational risks tied to Oracle data, transactions, and protocol interactions. By functioning outside the blockchain, this network aims to enhance decision-making processes and improve fraud detection capabilities before transactions are finalized on-chain.

It will provide a proactive layer of analysis, identifying potential vulnerabilities and mitigating risks in real time. This off-chain approach ensures greater efficiency, reducing the burden on the blockchain while maintaining the integrity and security of the system.

Ultimately, the network will support more informed and reliable outcomes for users and developers interacting with decentralized protocols.





RPC As a Service

Plugin 2.4 will establish dependable RPC endpoints to streamline communication between decentralized applications (dApps) and blockchain nodes. This development sets the stage for a resilient service designed to meet the growing need for smooth and uninterrupted access to blockchain data within the decentralized landscape.

By prioritizing scalability and high availability, these endpoints will enable low-latency interactions and ensure secure, efficient data transfers. This phase strengthens the infrastructure, supporting the ecosystem's demand for reliable connectivity and robust performance.

Through these enhancements, Plugin aims to provide developers and users with a seamless, trustworthy foundation for engaging with blockchain networks effectively.





EquitEdge Go Live

EEG Token



Plugin will introduce EquitEdge, a platform for tokenizing real-world assets on the XDC Blockchain, leveraging the secure ERC3643 token standard.

Audited by Certik, EquitEdge's smart contracts ensure a safe and transparent environment for investors to gain fractional ownership in tangible assets. This initiative broadens access to investment opportunities, allowing individuals to own portions of valuable assets and making wealth creation more inclusive.

Set for launch in Q1 2025, the "EEG" token will debut on Xswap, a decentralized exchange on XDC, facilitating seamless community participation in asset tokenization.

As a utility token, "EEG" will drive engagement on the EquitEdge platform, growing alongside its adoption and empowering users.





Plugin Oracles Integration

In Q1 2025, Plugin's ecosystem will undergo substantial growth, emphasizing strategic partnerships and deeper integration with the XDC blockchain ecosystem. The priority will be enhancing the developer toolkit and broadening the scope of Plugin's decentralized oracle network to support a wider array of applications. This includes catering to decentralized apps (dApps), DeFi platforms, and enterprise-grade solutions, driving innovation across these sectors.

A key focus will be onboarding DeFi customers, enabling them to utilize Plugin's secure and dependable oracle services to power their platforms. By incorporating precise price feeds and real-time data, Plugin will elevate the reliability and security of smart contract functionality within DeFi systems.

These efforts aim to solidify Plugin's role as a critical infrastructure provider, fostering collaboration and expanding use cases while ensuring developers and businesses have the tools needed to build robust, data-driven decentralized solutions efficiently.



EquitEdge Go Live Platform



Plugin is set to unveil EquitEdge, a pioneering platform for tokenizing real-world assets on the XDC Blockchain, utilizing the secure ERC3643 token standard. With smart contracts rigorously audited by CertiK, EquitEdge ensures a transparent and trustworthy environment for investors to acquire fractional ownership in tangible assets. This platform aims to break down barriers to investment, offering everyday individuals the chance to own stakes in valuable assets, thus broadening access to wealth-building opportunities. By democratizing investment, EquitEdge empowers a diverse audience to pursue their financial aspirations through fractionalized asset ownership.

During this quarter, the focus will be on laying a robust foundation for the platform, inviting property owners, builders, and realtors to participate. They will list their properties on EquitEdge, tokenize them, and issue “Investment Tokens” to investors, creating a seamless and inclusive ecosystem that bridges real-world assets with blockchain-based investment opportunities for all.





Risk Management Network Onchain

Plugin will introduce an on-chain Risk Management Network designed to deliver real-time security, monitoring, and risk mitigation for smart contracts and DeFi applications. Integrated directly into the blockchain, this framework ensures automated, transparent, and secure risk assessments.

By operating on-chain, it provides continuous oversight and rapid response to potential vulnerabilities, enhancing the safety and reliability of decentralized systems.

This initiative strengthens the integrity of DeFi platforms and smart contracts, offering users and developers peace of mind through robust, blockchain-native risk management tools that address threats efficiently and maintain trust in the ecosystem.





Token Pool Onchain

Plugin will roll out an on-chain decentralized token pool to bolster liquidity provisioning, staking options, and asset management for participants in its ecosystem.

This feature aims to optimize capital efficiency while boosting user engagement across the platform. By operating on-chain, the token pool ensures transparency and accessibility, allowing users to stake assets, manage investments, and contribute to liquidity seamlessly.

This decentralized approach empowers participants, fostering a more dynamic and efficient ecosystem. The initiative strengthens Plugin's infrastructure, supporting its community and enhancing the overall utility and performance of the network for all involved stakeholders.



Plugin Upgrade



OnRamp Onchain

Plugin will launch the OnRamp feature, allowing users to effortlessly convert fiat currency into crypto assets using decentralized liquidity providers and cross-chain integrations.

This tool simplifies the shift from traditional financial systems to blockchain-based assets, ensuring a smooth and accessible experience. By tapping into decentralized networks, OnRamp enhances flexibility and efficiency, bridging the gap between conventional finance and the crypto ecosystem.

This on-chain solution empowers users with a straightforward entry point into digital assets, making blockchain technology more approachable while maintaining security and interoperability across different chains for a seamless transition.



Plugin Upgrade



OffRamp Onchain

Plugin will introduce the OffRamp feature, enabling seamless on-chain conversions of crypto assets into fiat currencies.

This tool offers a secure and transparent pathway, linking digital assets to traditional money systems while adhering to regulatory standards. By operating directly on the blockchain, OffRamp ensures users can efficiently exit the crypto space with confidence, maintaining clarity and safety throughout the process.

This feature strengthens the connection between decentralized finance and real-world economies, providing a compliant and reliable solution for converting digital holdings into usable fiat, enhancing accessibility and trust for users navigating both financial realms.





Router Onchain

Plugin will create an on-chain decentralized router to streamline transaction routing, reduce gas expenses, and support smooth cross-chain interactions for its CCIP and data services.

This feature enhances efficiency by intelligently directing transactions, ensuring cost-effective operations while maintaining robust performance across multiple blockchains. By optimizing resource use and facilitating interoperability, the router strengthens Plugin's infrastructure, making cross-chain communication more seamless and accessible.

This development empowers users and developers with a reliable tool for navigating the ecosystem, improving the overall functionality and affordability of decentralized services within Plugin's network.





BnM (Burn and Mint) Contracts **Onchain**

Plugin will implement BnM (Burn and Mint) contracts on-chain, facilitating cross-chain asset transfers by burning tokens on the originating blockchain and minting equivalent tokens on the destination chain.

This mechanism ensures synchronized liquidity and seamless token movement across different networks. By securely destroying tokens in one ecosystem and recreating them in another, BnM enhances interoperability while maintaining asset integrity and availability.

This on-chain solution optimizes efficiency, enabling fluid transfers and supporting a cohesive multi-chain environment within Plugin's ecosystem, benefiting users and developers seeking reliable and streamlined cross-blockchain operations.





LnM (Lock and Mint) Contracts Onchain

Plugin will deploy LnM (Lock and Mint) contracts on-chain, offering a bridging solution that locks assets on one blockchain while minting corresponding tokens on another.

This method guarantees secure and fluid interoperability across diverse blockchain networks. By temporarily securing assets in one ecosystem and generating equivalent tokens in a different one, LnM ensures a safe and efficient transfer process.

This on-chain mechanism enhances connectivity between chains, providing a reliable alternative for users and developers to move assets seamlessly while maintaining security and trust, further strengthening Plugin's multi-chain ecosystem capabilities.



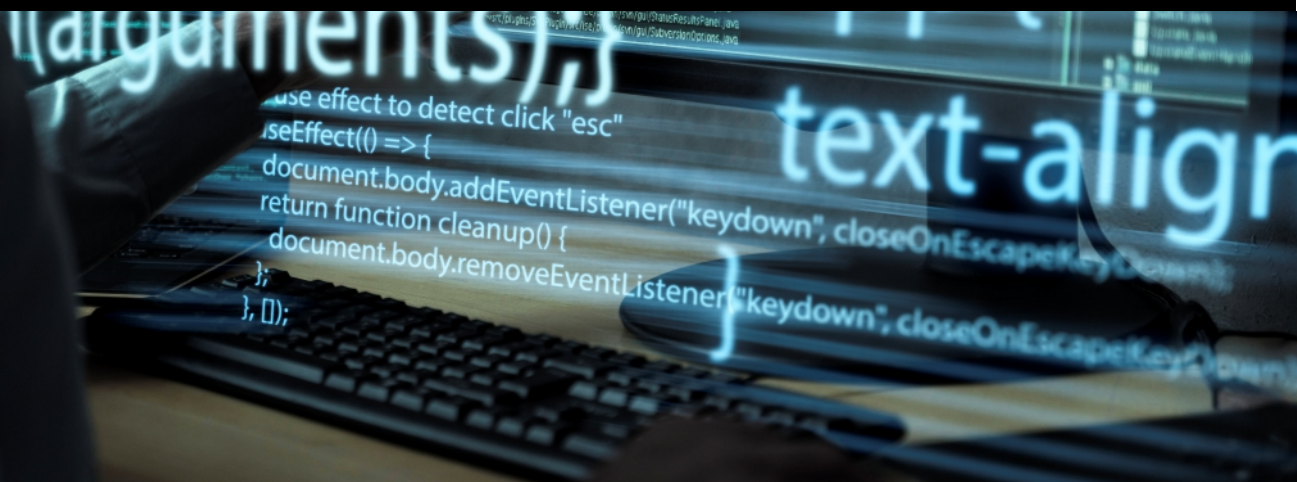


RPC As a Service Testnet Launch

In Q2 2025, Plugin will roll out the test net for RPC As a Service, giving developers a sandbox to explore and engage with the service in a controlled setting.

This phase will enable thorough testing of performance, security, and scalability, ensuring the service is robust prior to its official launch. The test net will serve as a critical step to pinpoint and resolve any issues, equipping developers with the resources needed to refine communication between decentralized applications and blockchain nodes.

By validating its capabilities, this initiative prepares the service for broad adoption, ensuring it meets the demands of a seamless, reliable ecosystem.



Plugin Upgrade

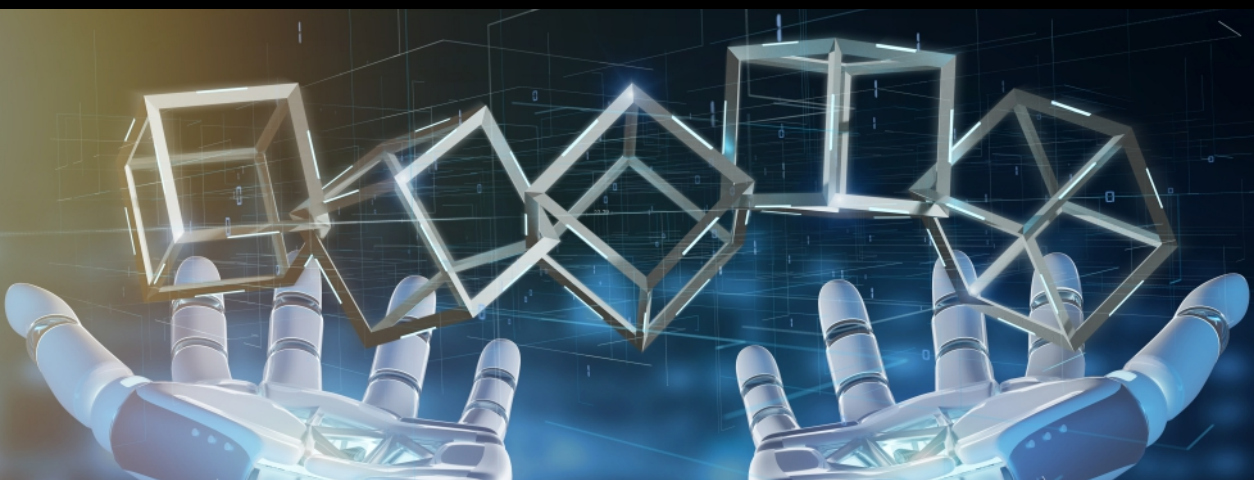


Plugin AI Assist

In Q2 2025, Plugin will introduce AI Assist, a tool designed for ecosystem partners, developers, and research teams to build decentralized dApps using AI agents.

This agentic AI workflow will streamline smart contract creation, auditing, testing, and API integration with React, delivering a complete repository for users to perform a mainnet dry run. While the audit won't be comprehensive, it will proactively detect potential errors and suggest fixes, empowering users to refine their work.

This innovative feature aims to simplify dApp development, enhance efficiency, and support Plugin's community in launching secure, functional applications with ease.





SYNTHx Lab

Mainnet Preparation & Launch

Synthx Lab will gear up for its XDC main-net debut, introducing an innovative platform for crafting synthetic assets powered by Plugin's Oracle network for real-time data feeds.

Preparations for the main-net launch will emphasize extensive testing, comprehensive security audits, and final refinements to guarantee a seamless rollout. Upon activation, Synthx Lab will enable users to create and exchange synthetic assets, broadening the scope of decentralized finance and unlocking fresh avenues for asset diversification.

This launch will enhance the DeFi landscape, offering cutting-edge tools and opportunities for users to engage with synthetic assets securely and efficiently on the XDC blockchain.



Plugin Upgrade



Plugin Trade Go Live

In Q2 2025, Plugin Trade will launch as a mobile platform on the XDC blockchain, revolutionizing logistics by digitizing processes.

Built to comply with MLETR (Model Law on Electronic Transferable Records) standards, it will securely handle electronic trade documents using blockchain technology. The platform will allow stakeholders to respond to smart contract-triggered events, ensuring transparency and efficiency across the logistics supply chain.

By prioritizing secure, real-time document management and automation, Plugin Trade will optimize operations, reduce delays, and foster trust among participants.

This solution will enhance the reliability and speed of logistics, connecting parties seamlessly while maintaining high standards of security and accountability.





VRF Gaming Dapp Phase 1

In Q2 2025, Plugin will debut Phase 1 of its VRF (Verifiable Random Function) Gaming Dapp, bringing provably fair random number generation to gaming applications.

This platform will prioritize transparency and fairness, giving users confidence in the integrity of gameplay. During this initial phase, the focus will be on seamlessly integrating VRF into gaming protocols, providing developers with a straightforward, decentralized tool to create trustworthy and engaging experiences.

By leveraging this technology, the Dapp will enhance user trust and set a foundation for equitable gaming, empowering developers to build applications where randomness is verifiable and free from manipulation.



Plugin Upgrade



Webinars and Meetups

In Q2 2025, Plugin will connect with the developer community through Webinars and Meetups, encouraging innovation and teamwork.

These gatherings will unite blockchain enthusiasts, developers, and industry leaders to dive into the potential of the XDC Network and Plugin's decentralized oracle network.

By fostering a collaborative environment, these events aim to spark new ideas, strengthen community ties, and drive the development of cutting-edge solutions, further expanding the reach and impact of Plugin's ecosystem within the blockchain space.





Plugin Oracles Integration

In Q2 2025, Plugin will bolster DeFi projects in lending, staking, synthetic assets, and automated trading by delivering tamper-proof data feeds.

Through smooth API integrations and targeted partnerships, Plugin will solidify its role as a dependable Oracle provider within the DeFi landscape. These efforts will ensure access to high-quality, decentralized data solutions tailored to the ecosystem's evolving needs.

By supporting these key areas, Plugin aims to enhance the reliability and functionality of DeFi applications, empowering developers and users with secure, accurate data that drives innovation and trust across the rapidly growing decentralized finance sector.



QUARTER

Q3



Plugin Upgrade



Committing DON Network

In the committing phase, Plugin's Decentralized Oracle Network (DON) will lay the groundwork for a reliable, trust-minimized system.

This infrastructure will enable oracles to collaboratively verify and reach consensus on off-chain data prior to its on-chain publication. By ensuring data integrity through this decentralized validation process, the DON strengthens the security and accuracy of information fed into the blockchain.

This phase solidifies Plugin's foundation as a dependable oracle solution, fostering trust and efficiency for applications relying on precise, real-world data within the ecosystem.





Executing DON Network

During the execution phase, Plugin's Decentralized Oracle Network (DON) will activate its oracles to provide secure, tamper-proof data delivery.

This stage ensures real-time updates for smart contracts and decentralized applications, guaranteeing reliability and accuracy. By operationalizing the network, the DON will enable seamless integration of trustworthy off-chain data into the blockchain ecosystem, supporting a wide range of use cases.

This phase marks a critical step in delivering consistent, high-quality data feeds, reinforcing Plugin's commitment to empowering decentralized systems with robust and dependable oracle services tailored to their real-time needs.



Plugin Upgrade



Commit Store

Plugin will introduce the Commit Store, an on-chain storage solution designed to securely hold validated commitments and oracle results.

This system ensures data integrity and provides a dependable historical record for smart contracts to reference. By storing this information on the blockchain, the Commit Store guarantees transparency and immutability, allowing smart contracts to access reliable, verified data whenever needed.

This feature enhances trust and accountability within the ecosystem, offering a robust foundation for applications that depend on accurate and accessible data histories, further strengthening Plugin's decentralized infrastructure.



Plugin Upgrade



CCIP Testnet Launch

Plugin's Cross-Chain Interoperability Protocol (CCIP) testnet will launch, providing developers with a secure environment to experiment with cross-chain communication, asset transfers, and decentralized messaging.

This testnet phase will allow for the evaluation of seamless interactions between blockchains, ensuring robust functionality for transferring assets and exchanging messages across networks.

By offering a controlled setting, the CCIP testnet empowers developers to refine and validate their applications, paving the way for secure, efficient, and reliable cross-chain operations within Plugin's ecosystem before broader deployment.



Plugin Upgrade



RPC As a Service Mainnet Launch

After a successful Q2 testnet launch and a detailed review of user feedback, Plugin will roll out the mainnet launch of RPC As a Service in Q3 2025.

This milestone delivers a fully optimized, secure, and high-performance RPC solution, facilitating smooth blockchain interactions for developers and enterprises. With improved scalability, reliability, and cost-effectiveness, the service will empower Web3 applications, DeFi platforms, and enterprise blockchain solutions.

This launch underscores Plugin's dedication to providing robust decentralized infrastructure, ensuring seamless connectivity and enhanced performance across diverse use cases in the evolving blockchain ecosystem.



Plugin Upgrade



Plugin Oracles Integration

In Q3 2025, Plugin will capitalize on Q2's progress to expand its ecosystem within the XDC blockchain network, welcoming additional DeFi and DApp users.

By integrating community feedback, Plugin will refine its oracle services, delivering secure, real-time, and tamper-proof data feeds tailored to decentralized applications.

This enhancement will bolster DeFi platforms, gaming solutions, and enterprise blockchain systems, ensuring they operate with dependable and accurate data.

Through this effort, Plugin solidifies its position as a trusted oracle provider, driving adoption and empowering a diverse range of applications with robust, high-quality data solutions in the evolving decentralized landscape.





VRF Gaming Dapp Phase 2

In Q3 2025, Plugin will unveil Phase 2 of its VRF Gaming Dapp, advancing the decentralized platform with expanded functionality.

This phase will incorporate new gaming protocols and refine the VRF (Verifiable Random Function) feature for improved fairness and transparency. Emphasizing scalability and user experience, Phase 2 will optimize the platform to handle increased demand and enhance accessibility, setting the stage for widespread adoption in the gaming sector.

These upgrades will strengthen the Dapp's capabilities, ensuring a seamless and engaging experience for users while reinforcing Plugin's commitment to delivering innovative, provably fair gaming solutions on the blockchain.



QUARTER

4



CCIP Backend Frontend



CCIP UI

Plugin will create an intuitive CCIP dashboard, offering a visual interface to monitor, manage, and engage with cross-chain transactions effortlessly.

Designed for ease of use, this UI will ensure a smooth experience, allowing users to oversee and interact with their cross-chain activities in real time. By simplifying the complexities of interoperability, the dashboard enhances accessibility and transparency, empowering users to navigate transactions across blockchains with confidence.

This development underscores Plugin's focus on delivering practical, user-centric tools that streamline cross-chain operations while maintaining a high standard of functionality and convenience within its ecosystem.



CCIP
Backend
Frontend



CCIP Mainnet Launch

Plugin's CCIP will reach its mainnet launch, fully activating cross-chain interoperability for secure, scalable, and decentralized asset transfers and data communication across diverse blockchain networks.

This milestone completes the deployment of a robust system designed to connect multiple chains seamlessly, ensuring efficient and trustworthy interactions. By enabling smooth asset movement and data exchange, the CCIP mainnet strengthens Plugin's ecosystem, offering users and developers a powerful tool for multi-chain operations.

This launch solidifies Plugin's commitment to advancing blockchain interoperability, delivering a reliable and expansive solution for the decentralized landscape.



CCIP
Backend
Frontend



Online Hackathon

In Q4 2025, Plugin will host an Online Hackathon to spark innovation and engage developers worldwide, inviting them to create pioneering applications using its decentralized oracle network.

This event will offer practical experience, highlight real-world applications, and attract new talent to the XDC ecosystem. Alongside this, Plugin will hold community meetups to enhance industry partnerships, educate participants, and promote wider adoption.

These initiatives will expand Plugin's influence, cultivate developer enthusiasm, and solidify its standing as a top oracle provider in the blockchain industry, driving collaboration and showcasing the potential of its technology on a global stage.





PLUGIN ORACLES INTEGRATION

As 2025 draws to a close, Plugin will prioritize boosting the adoption of its oracle services in Q4. The focus will be on attracting more DeFi projects, DApp developers, and enterprise blockchain solutions that depend on secure, real-time data feeds.

By highlighting successful integrations and forging new partnerships, Plugin will reinforce its credibility as a reliable and scalable oracle provider.

This concerted effort will lay a strong foundation for expanded adoption in 2026, driving sustained growth and fostering innovation within the Plugin ecosystem, while positioning it as a key player in the evolving blockchain landscape.

