



ARCADE
NETWORK



CYBER SHOES
AND OTHER GIFTS
HERE AND THERE



REAL ESTATE



JEWELLERY

PUT YOUR WEB3
ASSETS TO WORK

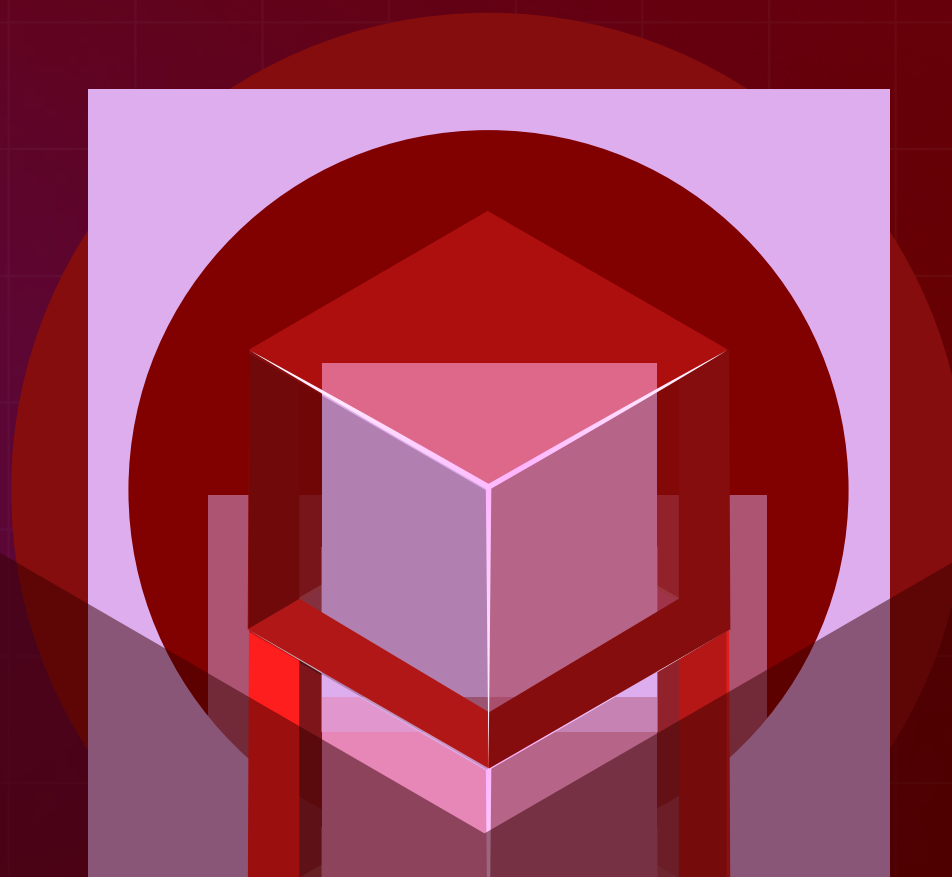
A Comprehensive Suite of User Centric
and Business Solutions enriching

Metaverses and NFT's

PUT YOUR WEB3 ASSETS TO WORK

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Executive Summary

Arcade Network is an ecosystem of various B2B and B2C solutions to foster value addition to the User owned NFT Assets and add revenue generation models to the Metaverse businesses

Our vision is to provide a suite of products which mitigates a number of real life problems faced by Users of Web 3 space fulfils the needs of the consumers for Web3 companies. We have 2 solutions that will revolutionize the Metaverse industry. ARC Exchange Station is a solution that aims to enhance liquidity and passive income for NFT creators and collectors by allowing them to trade, stake, and swap their NFT with other users. We are committed to delivering more liquidity opportunities and catering to the existing limitations of NFT users worldwide.

ARCVere, our second service, is curated for web3 companies and entrepreneurs. We provide a B2B solution to create a metaverse platform in seconds through an SDK (Software Developer Kit), allowing entrepreneurs to develop their metaverse platform in minutes without investing large sums of monetary resources or going for Venture Capital investment.

All our products connect with the final delivery of the ARC Bridge, a solution that allows metaverse platforms to become interoperable and provide freedom to users, allowing them to transfer NFTs and in-game assets between different metaverse platforms.

Arcade Network aims to disrupt the metaverse and NFT space by providing consumer-oriented solutions to empower the ecosystem and accelerate industry growth.

Introduction

Arcade Network is a complete set of technological solutions to empower the metaverse & NFTs in one single digital platform. Providing different B2C & B2B services, Arcade Networks stands for the development of the metaverse industry by fulfilling the various needs of users and companies connected in the ecosystem.

Since the appearance and adoption of blockchain technology, different use cases are getting unlocked. From cryptocurrencies to Non Fungible Tokens (NFT), from virtual worlds (metaverse) where you can own, purchase and sell digital land, create a digital character, build a virtual home, connect with other users on social lobbies, and many other things that simulate our daily lives in the real world. Thanks to blockchain technology, monetary value is created in the metaverse, and each piece of land, avatar, or building is an NFT that can be traded in P2P marketplaces between users according to the principles of supply and demand.



Trends & Growth Forecast

Metaverse definition does not have a **“one right answer,”** as we are still in the very early stage of this industry. From a current perspective, metaverse (**meta = behind, verse = universe**) are platforms that provide you with the following utilities: the possibility of purchasing digital land, connecting with other users on social lobbies, playing P2E games, creating games through game maker software, host events in your land, Showcase your NFT’s and many other things. Metaverse became a hot topic when the holding company “Facebook Inc.” changed its name to “Meta Inc.”

Many big companies, like Atari, Gucci, Adidas, and others, are investing massive amounts of capital in metaverse platforms like Sandbox and Decentraland. In speculation, these companies are buying land on the top metaverse platforms, which already have a considerable user base, to build their virtual shops in the metaverse.

According to the liquidity these companies have, they are willing to invest in something so embryonic with the goal of making this the next big thing.

Currently, there are more than 10,000 virtual worlds out there however, a large number are still in the development stage (Ali, 2022). In terms of forecasting, according to GlobalData (2022), the global metaverse market size was valued at 22.79 Billion USD by 2021 and is expected to grow at a compound annual growth rate of 39,8%, reaching a market size of 996.42 Billion USD by 2030.

Problems

Problem 1 - High Exploration Cost

The current Web3 space with all the assets, including NFTs and tokens, makes it expensive for users to explore different games and metaverses. This resistance hinders the growth of the Web3 space by restricting users due to a lack of resources.

With Arcade Network's trademark product, Exchange Station, we aim to solve this problem. With the launch of the Exchange Station, users will be able to swap their NFTs for other NFTs and make the best use by exploring other Metaverses and gaming without incurring additional costs.

Problem 2 - NFT'S ARE ILLIQUID

Unlike cryptocurrencies, which are liquid (you can sell them at any time in exchanges because there are buyers filling buy orders and market makers), NFTs are illiquid. The NFT seller journey starts by listing its NFT in a Marketplace, choosing the floor price, and waiting for bids from people interested in purchasing their NFT.

The NFT has no real monetary value associated with it, and in the case of economic recessions and bear markets, where assets tend to decrease in value and investors tend to avoid risky investments, bids and buy interest for an NFT can almost disappear. This means that such assets like NFT tend to possess no value.

Problems

Problem 3 - NO METAVERSE INTEROPERABILITY

Currently, metaverse users are restricted to transfer their NFTs (such as avatars, skins, collectibles, or any other tokenized item) from one metaverse platform to another. However, Arcade Network resolves this problem by bringing in the concept of interoperability.

At present, metaverse platforms are providing users with game-fi (P2E games based on blockchain technology) elements that only have utility as an in-game asset and can not be bridged to another similar platform. This restricts users to one metaverse or leaves them with no choice of buying assets in the other metaverse as well. Thus, Arcade Network bringing in the solution for interoperability will turn out to revolutionize the industry.

Solutions

Solution 1 –

Arcade Relayer Bridge

EMPOWERING SECURE ASSET TRANSFER WITH BLOCKCHAIN

Introduction:

In the world of blockchain, where digital assets hold immense value, the need for a secure and reliable asset transfer mechanism is paramount. Introducing Arcade Relayer Bridge, a cutting-edge blockchain asset bridge designed to facilitate seamless and insured transactions between different blockchain networks. This revolutionary solution ensures the safety and security of asset transfers while providing users with peace of mind.

The Need for a Secure Asset Bridge:

In the decentralized landscape of blockchain, interoperability between various blockchain networks has always been a challenge. Transferring assets across different networks often requires complex processes and involves certain risks. To address this issue, Arcade Relayer Bridge acts as a secure bridge, enabling the transfer of digital assets between disparate blockchains, while providing an additional layer of insurance to protect against potential risks.

How Arcade Relayer Bridge Works:

Arcade Relayer Bridge leverages innovative blockchain technology and smart contracts to facilitate secure asset transfers. Here's a step-by-step overview of how it works:

1. Asset Locking: To initiate a transfer, users lock their digital assets within the Arcade Relayer Bridge. This process ensures that the assets are securely held during the transaction.

2. Insurance Step: Unlike traditional asset bridges, Arcade Relayer Bridge introduces an additional insurance step. Each transaction is insured, mitigating potential risks associated with asset transfers. This unique feature adds an extra layer of protection, safeguarding users' assets throughout the transfer process.

3. Verification and Confirmation: Once the assets are locked and insured, the bridge performs rigorous verification and confirmation processes to ensure the validity and integrity of the transaction. This step guarantees that only legitimate and authorized transfers take place.

4. Asset Transfer: After the verification process is complete, the assets are securely transferred across the blockchain networks. Arcade Relayer Bridge utilizes the power of blockchain consensus mechanisms to ensure transparency and immutability throughout the transfer.

5. Asset Unlocking: Upon successful transfer, the recipient can unlock the assets from the bridge, gaining full control over them in their desired blockchain network.

Benefits of Arcade Relayer Bridge:

1. Enhanced Security: By insuring each transaction, Arcade Relayer Bridge offers an unprecedented level of security to users, minimizing the risks associated with asset transfers.

2. Interoperability: Arcade Relayer Bridge enables seamless interoperability between different blockchain networks, allowing users to transfer assets across platforms without the need for complex and time-consuming processes.

3. Transparency: The use of blockchain technology ensures transparency and immutability, providing users with a clear and auditable record of their asset transfers.

4. Speed and Efficiency: Arcade Relayer Bridge leverages the efficiency of blockchain networks to enable fast and efficient asset transfers, eliminating the need for intermediaries and reducing transaction times.

5. User-Friendly Interface: Arcade Relayer Bridge offers a user-friendly interface, making it accessible to both experienced users and newcomers to the blockchain space.

Conclusion:

Arcade Relayer Bridge revolutionizes asset transfers in the blockchain industry by combining secure technology, insurance mechanisms, and interoperability.

This groundbreaking solution provides users with a safe and efficient way to transfer digital assets across different blockchain networks, all while insuring each transaction for added peace of mind. With Arcade Relayer Bridge, users can unlock the full potential of their digital assets, confident in the security and reliability of their transfers.

Solutions

Solution 2 – Arcade Liquidity Provider

Unlocking Cross-Chain Liquidity for Real-World Assets on Blockchain

Introduction:

The emergence of blockchain technology has brought about transformative opportunities for the digitization and tokenization of real-world assets. However, one of the key challenges in this space is the lack of seamless liquidity across different blockchains. Introducing Arcade Liquidity Provider, a pioneering platform designed to bridge the gap between real-world assets and blockchain networks, enabling users to easily access, manage, and collaborate on tokenized assets across multiple blockchains.

The Need for Cross-Chain Liquidity:

As blockchain technology continues to evolve, the demand for liquidity solutions that allow seamless transfer and utilization of tokenized assets across various blockchains has become increasingly apparent. Arcade Liquidity Provider addresses this need by offering a comprehensive platform that enables cross-chain liquidity, unlocking new opportunities for investment, ownership, and collaboration in the digital asset ecosystem.

Key Features of Arcade Liquidity Provider:

1. Tokenized Ownership: Arcade Liquidity Provider enables the tokenization of real-world assets, allowing users to represent ownership of these assets through blockchain-based tokens. This tokenization process brings fractional ownership, increased liquidity, and enhanced transferability to traditionally illiquid assets, such as real estate, art, and commodities.

2. Cross-Chain Compatibility: The platform supports interoperability by providing cross-chain liquidity, allowing users to seamlessly transact and manage tokenized assets across multiple blockchain networks. This eliminates the limitations of asset confinement to a single blockchain, opening up a world of possibilities for investors and asset owners.

3. Investment Opportunities: Arcade Liquidity Provider creates a marketplace where users can explore and access a diverse range of investment opportunities in tokenized assets. Whether it's fractional ownership of a prime commercial property or investing in a rare piece of artwork, the platform offers a gateway to previously inaccessible asset classes, democratizing investment opportunities for a wider audience.

4. Collaboration and Partnerships: The platform fosters collaboration and partnerships among asset owners, investors, and other stakeholders. Through Arcade Liquidity Provider, users can easily connect with like-minded individuals, pool resources, and collaborate on joint ventures, further unlocking the potential of tokenized assets.

5. Secure and Transparent: Built on the foundation of blockchain technology, Arcade Liquidity Provider ensures the highest level of security and transparency. Smart contracts govern transactions, providing automated, trustless, and tamper-proof processes. The immutability of blockchain ensures a transparent audit trail of asset ownership and transaction history.

Benefits of Arcade Liquidity Provider:

1. Enhanced Liquidity: By providing cross-chain liquidity, Arcade Liquidity Provider enables seamless and instant transfer of tokenized assets across multiple blockchains. This enhances liquidity, allowing users to unlock the value of their assets and access a broader market for trading and investment.

2. Access to Real-World Assets: The platform grants users access to a wide range of real-world assets, empowering them to invest in previously illiquid markets. This opens up opportunities for portfolio diversification and the potential for higher returns.

3. Fractional Ownership: Through tokenization, Arcade Liquidity Provider enables fractional ownership, allowing users to invest in high-value assets with smaller capital. This increases accessibility and inclusivity in the investment landscape.

4. Collaboration and Synergy: The platform facilitates collaboration among users, creating opportunities for joint ventures, shared ownership, and resource pooling. This promotes innovation, collaboration, and the efficient utilization of assets.

Conclusion:

Arcade Liquidity Provider is revolutionizing the way real-world assets are accessed, managed, and traded on blockchain networks. By providing cross-chain liquidity, the platform enables tokenized ownership, investment opportunities, and collaboration in a secure and transparent manner. Through Arcade Liquidity Provider, users can unlock the potential of real-world assets, expanding their investment horizons and participating in the emerging digital asset economy.

Technology & Architecture

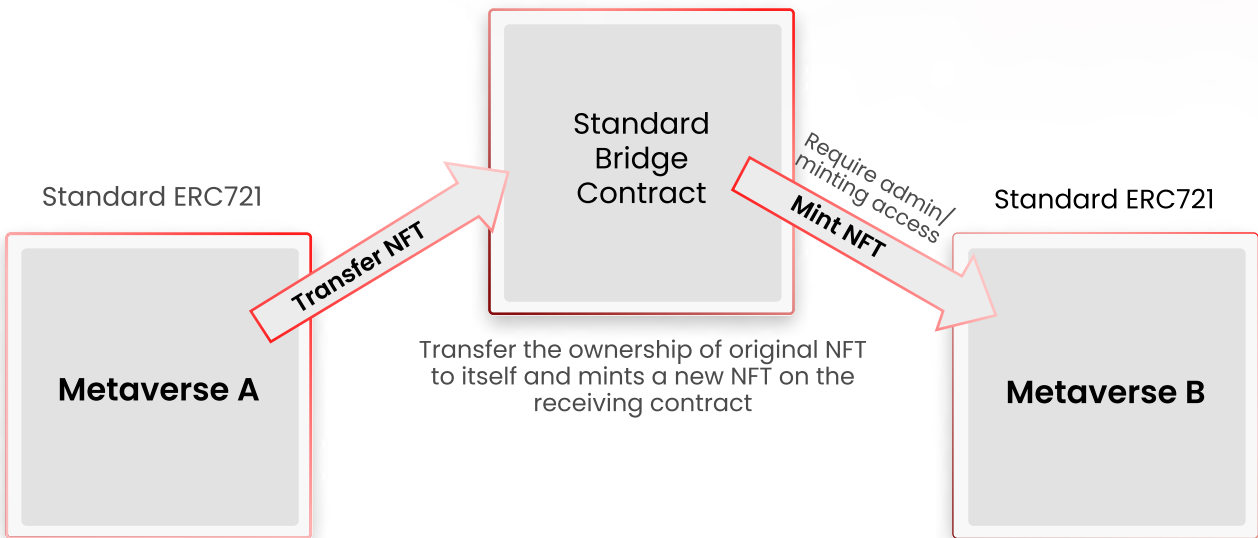
Swap feature to swap your USDT/USDC/BUSD for \$ARC tokens

ARC RELAYER BRIDGE

New Metaverse / Standard ERC721 Contract

If you have just started out to build your own metaverse & it's contracts, you can follow our standards for your contract development so it becomes easier to integrate with our Bridge Contracts.

Scenario 1: Metaverse A -----> Metaverse B

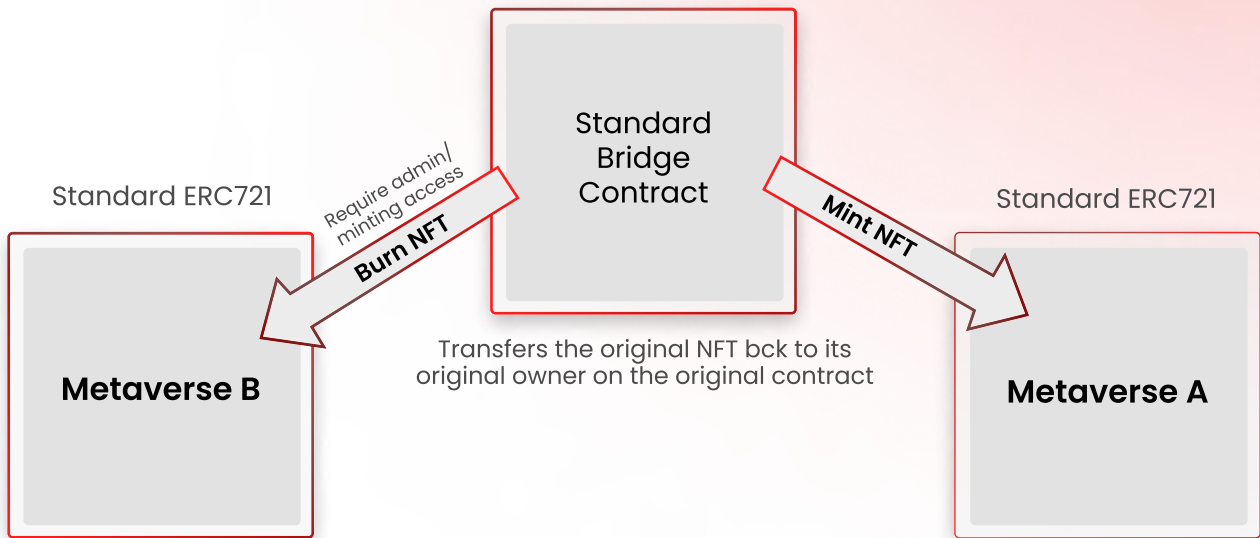


ARC RELAYER BRIDGE

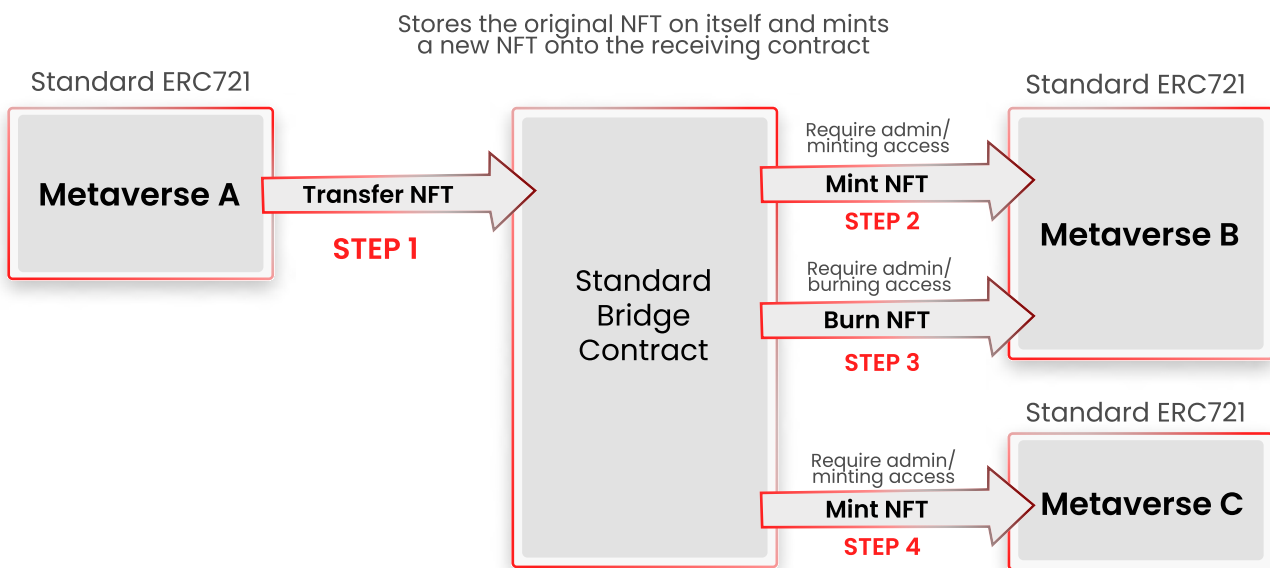
Swap feature to swap your USDT/USDC/BUSD for \$ARC tokens



Scenario 2: Metaverse B back to Metaverse A



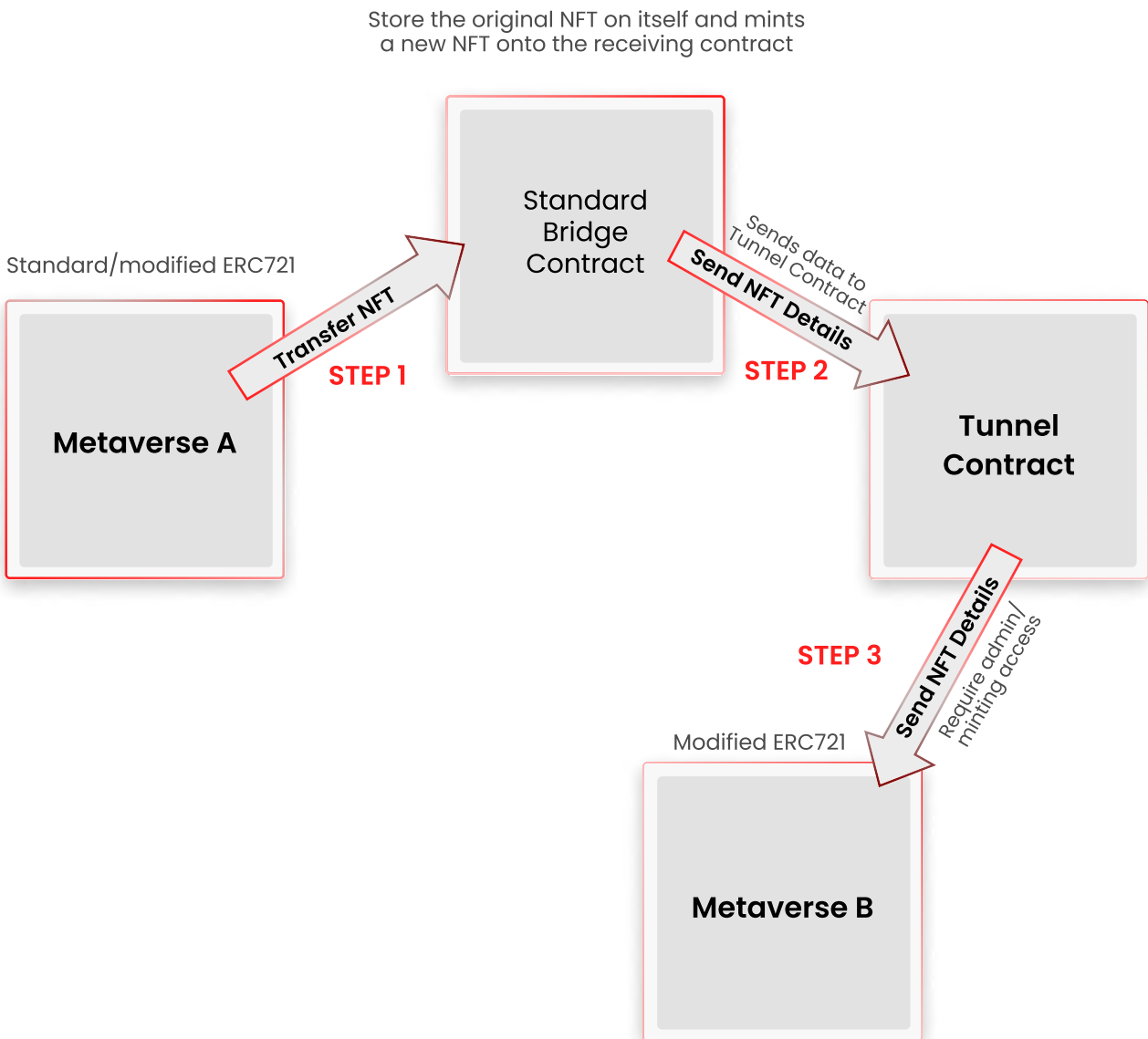
Scenario 3: Metaverse A Metaverse B Metaverse C



Existing Metaverse / Custom ERC721 Contract (Custom Methods)

If you already have the contracts ready and in use or have a custom contract with different methods, we have a custom solution to deploy a Tunnel contract that specifically integrates with your existing contracts with custom methods.

Scenario 1: Metaverse A -----> Metaverse B



Token Model

\$ARC token is the fuel of the Arcade Network ecosystem.

Arcade Network provides a staking portal linked on the website as an extension, to provide users and token holders the possibility of locking \$ARC tokens in a staking contract of different periods (90, 150, 180, 300 days, or flexible) and earn APY in \$ARC tokens.

The set of solutions provided in the platform is empowered by a token model with different utilities such as:

- Pay in \$ARC tokens to get discounts on ARC NFT marketplace fees and a monthly subscription to ARC Verse SDK.

- Stake \$ARC tokens to get cash back on your purchases in every purchase on the platform (applicable in all the solutions)

- Stake \$ARC tokens to get discounts on ARC Bridge asset transfer fees

- Stake \$ARC tokens to vote for proposals on the platform ecosystem

- Stake \$ARC tokens to get on contests and win the chance of NFT airdrops

Our vision

Arcade Network's vision is to disrupt and revolutionize the blockchain and metaverse industry by providing solutions that will open avenues that never existed before. The metaverse industry is still in a nascent state, however, considering the present trends adoption rate is likely to grow in the future. With new opportunities arising, interoperability is the hotshot for the metaverse industry. Arcade Network will not only bridge the challenge of interoperability but also provide liquidity and various other use cases.



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