



ATLAS SPACE

WHITEPAPER

WELCOME



METVERSE AS A SERVICE

Atlas Space is committed to building the foundation for the future of Metaverse infrastructure, providing a platform where a diverse range of individuals and brands can connect and create value. with the intention of becoming the leading “SAP of Web3 Metaverse platforms”, We are dedicated to crafting shared experiences while shaping the Metaverse into a thriving ecosystem for all.

- Fully Integrated Digital Lifestyle Experience
- With Unique Gateways To Physical World
- Encouraging The Creator Economy
- Creating A Cross-Community Ecology
- An Exchange Ecosystem Of Experience, Information And Contribution

Atlas Space offers unique features such as Digital Citizenship, Metabox, Health and Retirement Programs, Sub-marketplace, as well as a user-friendly drag-and-drop Builder, all of which are driving to bring the Metaverse into the mainstream.



ATLAS SPACE

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GENERAL INTRODUCTION

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ATLAS SPACE

A. GENERAL INTRODUCTION

1. The Origin Story of Atlas Space

Atlas Space originated in 2016, with the idea of creating immersive workspaces for teams to collaborate beyond physical and geographical boundaries utilizing VR. With a background in XR and architectural design, the team has a proven track record in delivering large-scale international projects and have worked on over 50 VR/AR products. The team solidified their position as a creative XR studio receiving four nominations across three different products at the 2018 Augmented World Expo's Global Auggie Awards. Atlas Space emerged as a leading idea in the immersive space and became a spin-off from Garage Atlas, a project company established as a leading XR studio.

2. The Story Of The Project's Development

a. Initial State

Since its origination Atlas Space developed through 3 versions in the light of fast pace technology developments, market needs and projections, customer and audience analysis.

2018	2020	2022
VR First	Desktop First	Web First
<ul style="list-style-type: none">· Made with UE4	<ul style="list-style-type: none">· Made with Unity· 3 Technology Integrations (avatar, server, MMO)	<ul style="list-style-type: none">· Made with Unity· 10+ Technology Integrations (avatar, server, MMO, streaming, ad tech, blockchain, frontend and more)
<ul style="list-style-type: none">· HTC Vive, Oculus Rift	<ul style="list-style-type: none">· Windows PC· iOS PC· Oculus Quest VR	<ul style="list-style-type: none">· Desktop browser: Chrome, Firefox, Opera, Edge, Safari· Meta Quest VR
<ul style="list-style-type: none">· B2B Licensing	<ul style="list-style-type: none">· B2B Licensing/ Subscription	<ul style="list-style-type: none">· B2B Subscription· B2C Subscription (Free)· Introducing MaaS model
3D coworking spaces for teams & Utilizing VR for communication, beyond showcasing	Highly interactive and specially customized virtual spaces for companies.	New marketing, revenue generation and monetization for a range of companies and user types



A. GENERAL INTRODUCTION

b. Current State

Web First Vision

In response to the previous iterations of Atlas Space, we have shifted our focus to prioritize easy web access. We aim to provide a high-quality user experience by focusing on high image quality, workability, and fast response times between backend and frontend actions.

Introducing Mobile Version

Based on the high demand from our customers and user base, as well as market research, we accelerated mobile version development due to high demand and market research. Will be available in Q2 2023.

VR Compatibility

The VR version is currently in closed beta, available only to a limited number of users for specific events and use cases.



Introducing of MaaS Model

MaaS is developed as an enterprise solution to facilitate businesses and brands to create their own virtual worlds in order to penetrate the Metaverse ecosystem.. With the addition of a White Label URL, Atlas Space offers a smooth adoption and adaptation process through MaaS.

- **Digital Twins** enhances the virtual presence of a corporate identity through DT Avatars and DT campuses.
- **Metaverse banking** branch to interact with customers and provide personalized communication channels for VIP clients.
- **Virtual university** to extend education, increase student interaction, and foster productive communities among students and professors.
- **HR & Onboarding** with gamification of curated tasks, individual and group games, and cross-platform live streaming for events.
- **Metaverse extension for E-commerce**, featuring 3D product showcasing, .api integration, and 3rd party marketplace integration. This is a starting point to encourage the creation of sub-markets, which will be explained in more detail later.

B2B Use Cases

B2B customer acquisition goals prioritized creating diverse use cases for various industry verticals, and curating the B2B-to-User pipeline. Some of the prominent use cases include:

Idea Behind Island Concept

The island concept was created to provide context and facilitate the necessary segmentation. One island automatically becomes a community. Islands refer to common interests, provide shared experiences enhancing community culture. Different islands connect via gates, facilitating cross-community growth.



A. GENERAL INTRODUCTION

Taking the Steps to B2C

Our primary objective is to foster communities and cross-community interactions that enable diverse user engagement and serve as the foundation for a sustainable economic and social framework via:

- Facilitating **creator-brand connections** in a gig economy.
- Offering **various investment channels** through tokens, lands, Citizenship and VIP levels.
- Enabling **self-promotion** of talent, services, and products.
- Creating an **exchange ecosystem** of information and finance.
- Creating new **marketing and monetization** opportunities through cross-collaboration.

c. The Future State

Atlas Space aims to provide a **seamless digital experience that merges with physical life** while bringing together diverse group of users:

“as-a-Service Actions”: Becoming the Leading Infrastructure for Metaverse

Atlas Space is developed to become the “**SAP of Web3 Metaverse platforms**”, providing user-friendly functionalities similar to **drag & drop** Web2 website builders.

- **Atlas Builder** with levels of complexity for different users: (developers, designers, general population)
- **.atlas TLD** for brand identity and value, while creating seamless integration.
- **Sub-marketplace** for brands, communities and organizations
- **Device Agnostic** infrastructure for increased eAccessibility

AI Integrations

- **AI Companion** As User's Personal Assistant
- **AI NPCs** As Intelligent Agents
- **AI Moderators** Content and Behaviour Detection
- **AI Optimization Integrations** Enhancing Visual & Experiential Quality

3D/ Immersive Ecommerce & Metabox

Atlas Space is preparing for the rise of e-commerce in virtual worlds by introducing new onboarding and integration actions.

MetaBox connects physical and digital worlds for organizations, enabling them to offer both physical and digital products to users. It will be released as an **Xapp** in the future.

Sub-marketplaces allow companies, and communities to host their own specialized marketplaces that cater to the specific needs of their audience and related activities.



A. GENERAL INTRODUCTION

Digital Identity & Atlas Space Citizenship

Digital Citizenship promotes eco-equilibrium Via Money and Via Effort, with exclusive benefits of VIP levels, gifts from Loyalty Partners, unlocking Health and Insurance Funds.

Unlocking Digital Nations

We are exploring integrating users' digital identities with verified real-world authorizations, managed in a decentralized manner. We are first exploring collaborations with governments facing territory and cultural loss due to climate change.

3. The Problems Of Metaverse And The Solution By Atlas Space

We analyze metaverse issues and solutions from two perspectives, addressing challenges faced by: B2B (enterprise) and B2C (general public).

B2B: Opportunities via Addressing Challenges of Enterprises and Brands	
STRUGGLES	SOLUTIONS
Lack of Purpose <ul style="list-style-type: none">Struggle what to create in the platformsFocus on short term gains	<ul style="list-style-type: none">Creating use cases rather than events.Developing a sustainable framework of infrastructure as a service
Technology Struggles <ul style="list-style-type: none">User experience lackingsDevice compatibility issues	<ul style="list-style-type: none">Intuitive UX, Light infrastructureWeb, Mobile & VR, seamless experience
Inconsistent Philosophy <ul style="list-style-type: none">Division and confusion of centralized and decentralized systems	<ul style="list-style-type: none">Creating the gateway between Web2 and Web3
Trust Issues <ul style="list-style-type: none">Increased concerns of privacy and fraud	<ul style="list-style-type: none">50+ Enterprise customers in one yearBusiness customer = ecosystem partner

B2C: Opportunities via Addressing Challenges of Individual Users	
Interoperability: <ul style="list-style-type: none">Lack of interoperability and uniformity between different platforms	<ul style="list-style-type: none">Development of a unifying frameworkBecoming "SAP of Web3 Metaverse platforms"
Usability: <ul style="list-style-type: none">Shortcomings in ease of use and access	<ul style="list-style-type: none">Drag & drop Builder developmentDecreasing number of consecutive click actions to reach worlds and content
Usefulness: <ul style="list-style-type: none">Lack of reason to spend timeSociability	<ul style="list-style-type: none">Fully integrated digital lifestyle experienceGateways to physical worldCreator Economy & cross-communityBuild Operate Model for undeveloped/inactive lands increasing participation



A. GENERAL INTRODUCTION

4. The Platform's Contributions To Other Ecosystems

a. Ecommerce & Retail

Atlas Space provides an infrastructure for e-commerce and retail sales operations, enabling companies to showcase their products to potential customers in 3D, leading to sales using .api, app and AR integrations.

This approach also allows audiences to better understand and engage with the product features and make informed purchases, while enhancing online shopping to shared experiences that you can do with friends and family.



b. Finance & Banking

Atlas Space's "MaaS" principle benefits the banking sector, providing a new model of online banking experiences, customer communication, data analysis and training. Companies can train employees working principles, or technical operations through simulations while creating an interactive online channel to engage customers on.



Atlas Space users now have enhanced access to technological and financial benefits that the banking institutions provide via interactive learning, applied q&a sessions, hence making informed decisions, in addition to face to face VIP sessions without the need to go to a physical branch.

c. Education

Atlas Space expands campus experiences into the Metaverse for universities and educational institutions, creating engaging learning experiences and promoting inclusivity in education. It also creates potential revenue channels and job opportunities for educators and students.

Atlas Spacers can gain certification and access educational institutions, learn from AI instructors or other users, and create educational events to grow communities and monetize expertise while climbing Via Effort Tiers.

d. Media & Entertainment

Atlas Space provides a platform for content creators and media channels to engage with their audience and create community spaces, leveraging existing fan bases and social media channels to repurpose content into new revenue streams via sub-marketplaces. It offers ideal principles for building and nurturing communities, leading to increased engagement and monetization.



A. GENERAL INTRODUCTION

Atlas Spacers facilitates users to gather around a shared cause, interest and values. The platform encourages high engagement, hence benefits high participating Atlas Spacers with such opportunities as discounts, gifts and even exclusive meet & greet sessions with celebrity and influential figures.

e. Game

Atlas Space supports the creator ecosystem and facilitates a creator economy, which includes talents as game designers, developers, theorists, publishers, writers, artists and illustrators. While as Atlas Space continues to create gamified experiences we encourage creatives and communities to be a part of the growing ecosystem. Via matchmaking opportunities Atlas Space aids for different users to collaborate, while also being able to reach ecosystem partners for job opportunities in Atlas Space and real world scenarios.

f. Social Networking

Atlas Space is for creating shared and communal experiences in real time going beyond what is possible in traditional social networks. Fans of a show can create watch parties, users can connect with each others with such events like speed date events, watch parties, celeb meet & greets; while on the other hand brands can easily find target audiences via communities and events of shared interests.

6. What Differentiates Atlas Space From Its Competitors

a. Comparison Table

PLATFORM / FEATURE	ATLAS SPACE	ROBLOX	SANDBOX	Meta	Decentraland	Spatial	SOMNIUM SPACE	MCNA	w3rlds	STAGEVERSE
User Owned DAO		✗	✓		✓	✗	✗	✗	✗	✗
Web 2 Login	✓	✓	✓	✓	✗	✓	✓	✗	✓	✓
Web 3 Login	✓	✗	✓	✗	✓	✓	✓	✓	✗	
Desktop Browser	✓	✗	✗		✓	✓	✓	✓	✓	✓
Desktop App	✓	✓	✓	✗	✓	✗	✓	✗	✗	✗
Mobile Browser		✗	✗	✗	✗	✗		✗		✗
Mobile App	✓	✓	✗	✗	✗	✓	✗	✗	✗	✓
VR App	✓	✗	✗	✓	✗	✓	✓	✗	✗	✓
In-World Currency		✓	✓	✗	✓	✗	✗	✗	✗	✗
NFT Marketplace		✗	✓	✗	✓	✗		✓		✗
Land Sale		✗	✓	✗	✓	✗	✓	✓	✗	✗
Games	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗
Private Rooms	✓	✗	✗	✓	✗	✗	✓	✓	✗	✓
Customization	✓	✓	✓	✗	✓	✓	✗	✗	✗	✗
Interoperable Avatars	✓	✗	✗	✗	✗	✓	✓	✓	✓	✗
Graphics (1-5)	5	1	1	1	1	4	3	3	3	3
User Friendly (1-5)	5	3	3	2	1	4	3	3	3	4



A. GENERAL INTRODUCTION

b. Value Proposition

Product Features

- Metaverse Infrastructure as a Service
- Now Whitelabel URL, soon TLD
- Web, Mobile and VR compatible
- Streaming, screenshare and video-conferencing
- Marketplace
- Sub-marketplaces for communities and brands
- Unity SDK for developers & designers
- AI NPCs and Companions
- Digital Twin avatars with SBT
- Control Panel for Enterprises to apply bulk actions
- Drag & Drop Builder
- MetaBox that connects the virtual and physical world
- 3D Ecommerce .api integration
- Several investment opportunities via token, lands, VIP staking, insurance programs

Product Benefits

- Customized Metaverse environments can be easily created with Drag & Drop actions
- Low level of knowhow required to create high tech content
- Nourishes creative ecosystem and helps grow gig economy
- Heightened interactivity with AI integrations
- Ambitiously high visual quality provides higher eye comfort with high aesthetic value
- Cross platform and device agnostic for easy accessibility

Product Experience

FOR BUSINESSES	FOR USERS
<ul style="list-style-type: none">• You do not have to be on a metaverse platform, with Atlas Space MaaS you can have your own Metaverse, that you can connect with one button from your other various digital presence.• Grow your traffic with cross platform engagement• Let your audience experience your brand identity rather than watch or see it. Now it is time to transition from storytelling to storydoing.• Transition from Web2 to Web3 and in your own time with Atlas Space• Invest your resources to grow your own Metaverse rather than looking for Metaverse and Web3 platforms	<ul style="list-style-type: none">• Drag & drop Builder suitable for all• Decreased number of consecutive click actions for enhanced UX• Infrastructure of a fully integrated digital lifestyle experience with gateway to physical world via MetaBox, Loyalty App, AR, AI and E-commerce integrations• AI Companion and NPCs to increase engagement and help users• Different reward mechanisms for different type of users to benefit all• Build Operate Model for undeveloped lands for increased participation• High quality visuals• Increased connectability with Web, Mobile and VR



A. GENERAL INTRODUCTION

Customer Wants

B2B	B2C
<ul style="list-style-type: none"> • To be a pioneer in their own industry • To earn points from their management • To win awards with new and innovative implementations • To earn quickly 	<ul style="list-style-type: none"> • To socialize, have fun, create connections • To benefit from individual contributions • To be part of a cause and community • To invest for their own future • To win awards, gifts • To win recognition among society • To have a seamless digital experience • To monetize their own ideas

7. Why Atlas Space

a. For Companies

- Coworking, collaboration, training
- Virtual presence for the sense of community
- Special days, events, contests
- New avenues via of sub-markets
- Integration of Metabox to benefit e-commerce integrations

c. Self Employed/ Remote Work

- Supporting Gig Economy
- Share ideas, projects services and monetize them
- Health insurance and retirement fund program benefits
- Enhancing social connections & professional network

e. General Public

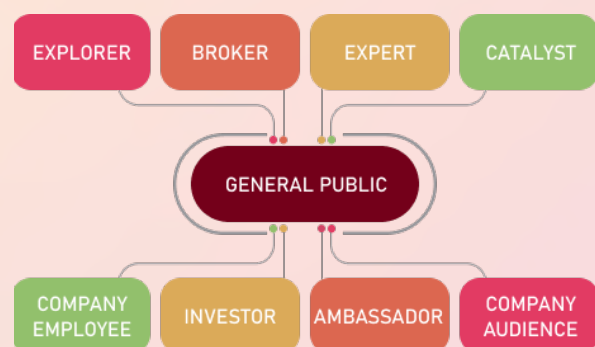
- Supporting Gig Economy
- Share ideas, projects services and monetize them
- Health insurance and retirement fund program benefits
- Enhancing social connections & professional network

b. Employees

- Fostering professional and social connections
- Facilitating knowledge sharing and skill building
- Creating quality time off works
- Health insurance and retirement fund program benefits

d. Creators

- Experiment with new technologies and create innovative solutions
- Allows creatives to showcase their talents & work
- Collaboration with other creators
- Job opportunities from ecosystem partners and companies



TECHNOLOGY

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ATLAS SPACE

B. TECHNOLOGY

1. Current and Future Technologies in Use

Atlas Space is built upon the principles of easy accessibility, optimization, and an add-on packaging system, allowing the platform to easily incorporate a variety of parameters. Rather than building from scratch, we integrate necessary components and structure them to meet the specific needs. This involves working with various layers to ensure a comprehensive approach.

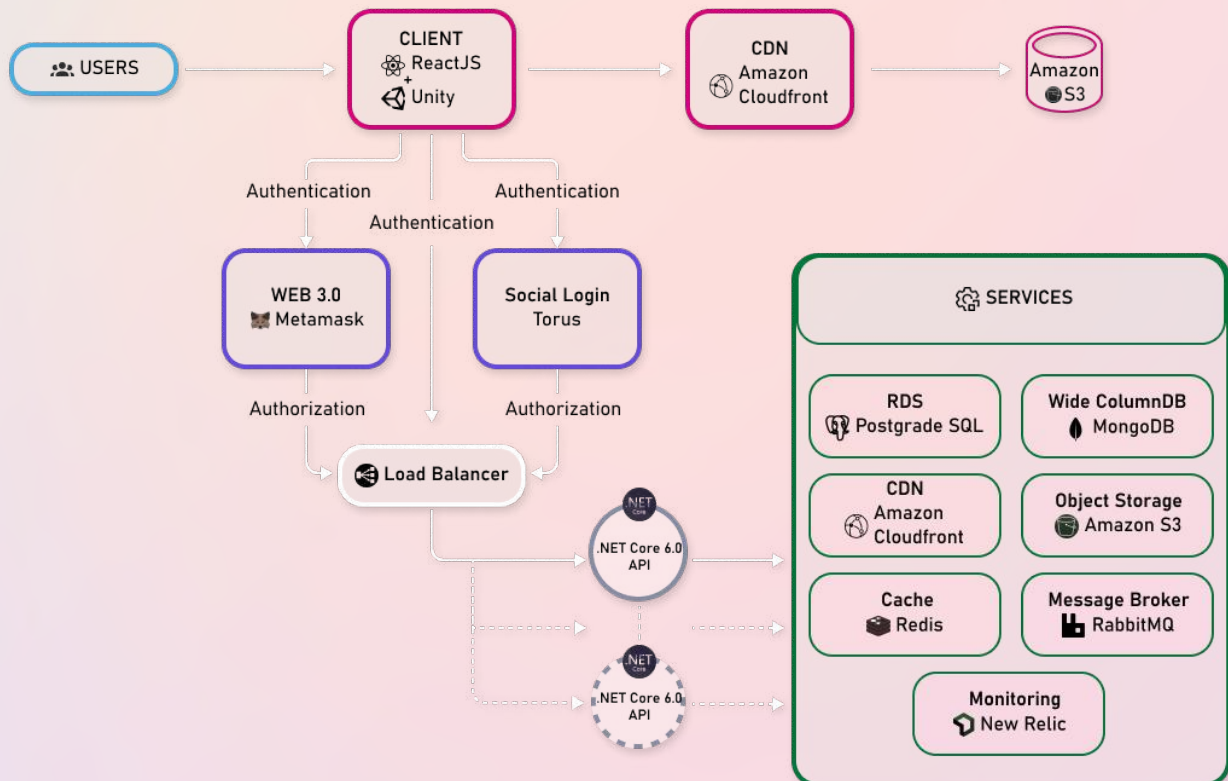
a. System Technology Implementations

System Architecture

React JS was chosen as the user interface framework for Atlas Space due to its developer-friendly features, such as speed, advanced performance, low latency, and reusable components that enhance user interaction.

On the backend, the onion architecture was preferred for its simplicity, easy-to-understand layer relationships, and manageability, making it easier to add or remove features based on changing needs. Additionally, the low component dependency in this architecture allows for smoother integration.

Users can access the Atlas Space world by logging in through an API written in .NET Core 6.0, which provides a dual-layer encrypted access token from the main PostgreSQL database. This token allows users to securely enter the Atlas Space world with their avatars and start enjoying the world through the Unity Game Engine. To handle scenarios



B. TECHNOLOGY

New Relic is used as a server monitoring and error logging tool to quickly respond to server access disruptions or unexpected errors in the project.

Services Architecture

Atlas Space utilizes third party services to power the layered architecture mainly: AWS technologies, including PostgreSQL, Lambda, API Gateway, EC2, CDN, S3; Agora and Fusion by Photon. This enables us to create a highly scalable, optimized, and secure multiplayer platform. As an AWS Gametech partner, we are able to leverage extensive resources to offer the most advanced and high-performance experience for our platform users. With Atlas Space, you can enjoy an unparalleled interactive experience that's backed by a secure, reliable, and infinitely scalable architecture.

Real Time Engagement

Atlas Space's Real-Time Engagement technology offers seamless video and voice chat, live streaming, messaging, and real-time recording. It has customizable interactive features, ultra-low latency, scalability, and secure data transmission. The service also provides real-time statistics and metrics on mobile devices.

Atlas Space Monitor

Atlas Space's Monitor is a real-time user and channel data access solution, enabling developers to see active user data in real-time and make voice or chat announcements to users, turn on/off voice speaking permissions, and remove users from sessions.

b. Crypto Technology Implementations

Blockchain Network

Atlas Space's priority network of choice is **Polygon**, which is designed as an Ethereum Layer-2 scaling solution that provides the security and ecosystem benefits of the Ethereum network. Polygon enables faster transaction speeds and lower fees. Considering the network speed, stability, community, and EVM (Ethereum Virtual Machine) compatibility other considered options are: Avalanche, BNB, Cronos, Fantom, Arbitrum

In the case EVM compatibility is disregarded, below are the suitable blockchain options: Solana, Aptos, Tron, Algorand, Stellar

Smart Contracts

Atlas Marketplace contracts use different structural patterns for flexibility and security. The main contracts, Atlas and AtlasBundle Marketplace, follow OpenZeppelin's proxy contract pattern, while all contracts are connected through the registry pattern. This ensures that these patterns can handle modifications and updates for bugs and changing requirements. All contracts in the Atlas Marketplace share core features, including setting payment methods, changing contract addresses, and obtaining price feed data from Chainlink oracles for real-world assets.



B. TECHNOLOGY

AtlasBundle Atlas AtlasAddressRegistry AtlasAssets AtlasAssetsFactory
 AtlasTradablesFactory AtlasPriceFeed AtlasTokenRegistry AtlasTradables

Smart Contract Security

Used Libraries	ReentrancyGuardUpgradeable, OwnableUpgradeable, AddressUpgradeable, SafeMath.
Modifiers	Various modifiers were created to control the conditions within the methods in the contract. These modifiers are used to verify that the call is coming only from the contract, to check whether the auction has ended or not, and to allow bidding accordingly.
Reentrancy	Repeating the same transfer before it is completed can result in reentrancy attack. For example, when a user makes a withdrawal call for 1 ETH from another contract and re-calls this function without checking their balance or having a reentrancy guard, they can empty a contract pool of 10 ETH by repeating the 1 ETH call multiple times (if the user has the balance to cover the gas fees for the transfers). The same scenario is applicable for any standard token.
Force Feeding	Another important smart contract security risk to be aware of is force feeding. It works by forcing the transfer of native assets and ERC-20 tokens to smart contracts in order to manipulate balance controls. By using the receive(), fallback(), and reclaimERC20 functions, we can safely accept tokens that have been forcibly or accidentally sent to the contract and transfer them to any desired address.
Tx Origin vs. msg.sender	In Solidity, tx.origin is a global variable that returns the address of the account that sent the transaction. Using tx.origin for authorization increases the risk of the call being made by a malicious contract impersonating the calling account.
Solidity Visibility Modifiers	The visibility of functions in a contract is of serious importance for the overall security and operation of the contract. A developer not using a visibility modifier often leads to smart contract attacks. Therefore, the function is set to be public by default, which can cause unwanted changes in circumstances.

Uploading NFTs on the Atlas Space Marketplace (Basic Methods)

Solidity: Indispensable. NFTs that will be listed on any Atlas Space Marketplace are minted through the Atlas Tradeables (ERC-721) and Atlas Assets (ERC-1155) contracts. The most suitable scenario for Tier 1 is to have these contracts as two separate ones, and use them as a standard. Additionally, the isApprovedForAll function within the contract allows Atlas Space to assign marketplaces as operators, enabling gasless listing of the NFTs created within this contract.

Factory Pattern: The suitable solution for Tier 2 is to adopt the factory contract model that allows the creation of new contracts based on the main contract, to provide flexibility to users and create an environment suitable for sub-market formations.

NFT Minting: During NFT creation, the event embedded in the contracts (or the TransferSingle event already present when considering the OpenZeppelin ERC-721 contract) is listened to by Web3 communities-approved indexers such as The Graph or Eventum. This allows for it to be displayed on the user's profile and/or marketplace within the platform.



B. TECHNOLOGY

Contract Creation: When clone contracts created by the Factory contract are assigned to users, the address of the newly created contract and information about who created it

Listing Item, Putting on Auction, Buy Item & Create Offer

Solidity: Allowing users to list the items they own, along with identity identifiers, interface controllers, and balance control operations (the balance should be considered in any standard, not just **ERC-20** or **Native Asset**) using a contract method is a wise method to make it accessible to callers in a buyer position.

Event Listeners

When listing a user's NFTs, it's important to define the correct event type to fetch the correct parameters, especially for bundle NFTs. All contracts created within the factory pattern need to be listened to, and the **contract address** and **tokenIds** of NFTs created within these contracts must be placed in the event in the correct order to establish the correct architecture.

Stake Pools

From now on **ATLS** will represent the ATLAS token

For a staking pool with a transparent web presence that includes details about security measures, team, social media presence, and costs are important. Pool's performance history, team experience, social media engagement, and associated fees will be considered with:

- Control of Our Own Stake,
- Pool Performance,
- Supporting Decentralization
- Communication & Transparency
- Pool Fees
- Pool Size
- Pool Pledge

2. System Security Mechanisms

Atlas space utilizes internal and 3rd party solutions:

- **Self-attacks:** We implement this measure internally and obtain third-party service.
- **Smart Contract Audits:** This is a process of reviewing the code and functionality of a smart contract to identify any security vulnerabilities or weaknesses.
- **Unit and Integration Tests:** Integration tests are conducted as part of our weekly sprint cycles, whereas unit tests are performed regularly and may have varying durations.
- **DDoS protection:** We obtain DDoS protection from a third-party services.
- **Brute-force protection safeguards:** Space obtains third-party service to detect and prevent such attacks.
- **Event listeners:** These are software components that listen for specific events or actions within the system and trigger a response when those events occur. By defining event listeners, Atlas Space monitors the system for suspicious activity and quickly responds to potential security threats.



ATLAS SPACER

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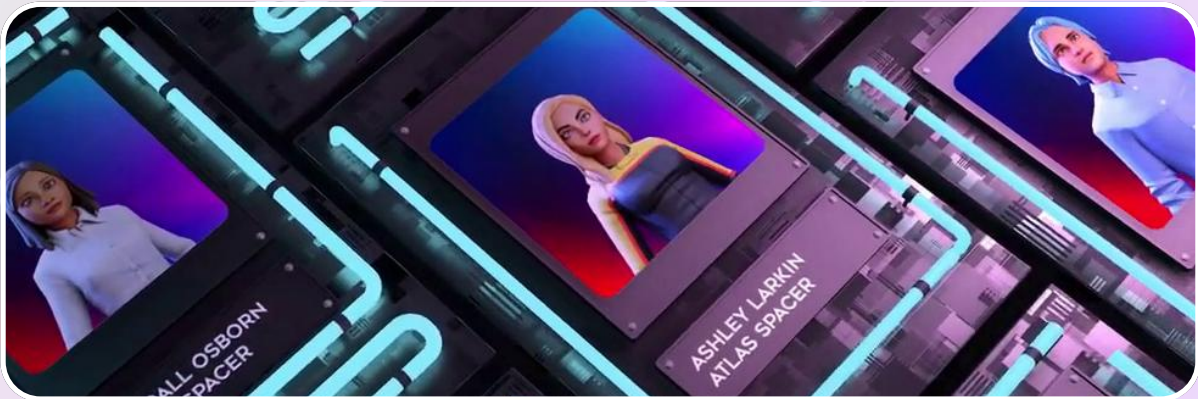
ATLAS SPACE

C. ATLAS SPACER

Atlas Space serves individuals, communities, companies, and brands, with a focus on B2B services, offering a "Metaverse as a Service" infrastructure for companies to build their own virtual environments, creating a gateway from Web2 to Web3 and is expanding into B2B2C and B2C economic models. All registered and verified users are referred to as "Atlas Spacers," while companies and communities will have admin and mod privileges for bulk actions with the upcoming V2 release.

1. Atlas Space Citizenship

The Atlas Space roadmap has been designed to be more than just a Metaverse platform; it aims to create a digital nation that operates globally and offers benefits in both the virtual and physical realms. To achieve this, we have introduced the concept of citizenship, citizenship SBTs, and a two-way tier system. The system is designed to evaluate and maintain user retention, engagement with the platform, interactions with other users and communities, and overall platform loyalty. Atlas Space users can progress on the Tier system in two ways: Via Effort or Via Money.



a. Via Effort

Via Effort is one of the two ways for Atlas Spacers to progress through the Tier system. It rewards users who actively engage with the platform, contribute valuable input, create content, and promote community culture through events. Users can promote their creative input and contributions within the platform and other media to move up the Tier system and unlock additional benefits and functionalities.



b. Via Money

Via Money is one of the two ways for Atlas Spacers to progress through the Tier system. This option is ideal for users who have limited time to spend on the platform, but are willing to invest financially to the ecosystem. Via Money contributors are typically low activity users who invest in the platform by buying lands, contributing to advertising, or providing liquidity. They also act as catalysts and brokers to sell or promote lands and islands, onboard new members, brands, and communities, and challenge themselves to rise in the VIP levels.



C. ATLAS SPACER

Via Effort Tier System

Tier 0 Common	<ul style="list-style-type: none"> · Create Account & Verify 	<ul style="list-style-type: none"> · Can join and roam public spaces & free public events · Can roam the marketplace · Has 1 personal room can choose from Atlas Space Catalog (3 months) · 1 gb storage for non NFT personal items (3 months)
Tier A	<ul style="list-style-type: none"> · Connect your wallet 	<ul style="list-style-type: none"> · Has 1 personal room can choose from Atlas Space Catalog (+1 months) · 1 gb storage for non NFT personal items (+1 months) · 5 USD value marketplace voucher · Unlock add friends
TierB	<ul style="list-style-type: none"> · Attend 3 Events · Create 1 public event · Invite 50 Atlas Spacers or other · Min. 25 Atlas Spacers attend 	<ul style="list-style-type: none"> · Has 1 personal room can choose from Atlas Space Catalog (+1 months) · 1 gb storage for non NFT personal items (+1 months) · 5 USD value marketplace voucher · Unlock add friends · 5 USD value ticket voucher · Right to create free events
Tier C	<ul style="list-style-type: none"> · Attend 9 Events · Create 3 public events (min. 25 Atlas Spacers total) · Invite 50 Atlas Spacers 4 contribution (as catalyst) 15 general contribution · Become a member of a Brand 	<ul style="list-style-type: none"> · Have a right to rent a standard Atlas architecture for 1 month · Have 20 USD Event voucher · Special Animations & Wearables
Tier D	<ul style="list-style-type: none"> · Attend 40 events (Limited per day) · Create 9 public events (min. 108 attendants total) · Invite 150 Atlas Spacers 15 contribution(as catalyst) 40 general contribution \$6.000 in sales · Contribution to events as 30 attendants total or 15 in events contribution total 	<ul style="list-style-type: none"> · Citizenship NFT · Special Animations & Wearables · Tier 2 Land · Have a right to rent a special Atlas architecture free for 1 month · Right to create free events · Unlock Tier 1 Event Creator
Tier E	<ul style="list-style-type: none"> · Attend 100 events (Limited per day) · Create 30 events (min 600 attendants) · Invite 400 atlas spacers 40 contribution 75 general contribution \$10.000 in sales · Contribution to events with 100 attendants total or 40 in events contribution total 	<ul style="list-style-type: none"> · Tier 1 Island · Free Community Owner Card · Atlas Companion · Special Animations & Wearables · Unlock Tier 2 Event Creator



C. ATLAS SPACER

Via Money Tier System

Tier 1	<ul style="list-style-type: none"> Buy 1 Land stake \$x with value as token Sell 2 land Contribution to advertising: \$400 Contribution to Atlas liquidity New Atlas Spacers Community Members -> 30 new members 	<ul style="list-style-type: none"> Citizenship NFT 1 Free Ticket to Atlas Events Attendant to Exclusive Events / Places Have a right to be a participant of health- care insurance & retirement fund Right to create free events
Tier 2	<ul style="list-style-type: none"> Buy 2 Land stake VIP2 Sell 4 lands Contribution to advertising: \$1000 Contribution to Atlas liquidity New Atlas Spacers Community Members -> 80 new members 	<ul style="list-style-type: none"> Citizenship NFT 3 Free Tickets to Atlas Events Attendant to Exclusive Events / Places Have a right to be a participant of health-care insurance & retirement fund Right to create free events
Tier 3	<ul style="list-style-type: none"> Buy 1 Island VIP 3 Sell 1 Island Contribution to advertising: \$2500 Contribution to Atlas liquidity New Atlas Spacers Community Members -> 140 new members 	<ul style="list-style-type: none"> Citizenship NFT 7 free tickets to Atlas Events Attendant to Exclusive Events / Places Have a right for retirement fund Atlas Companion Right to create free events
Tier 4	<ul style="list-style-type: none"> Buy 3 Island stake VIP 4 Sell 3 Island Contribution to advertising: \$5300 Contribution to Atlas liquidity New Atlas Spacers Community Members -> 370 new members 	<ul style="list-style-type: none"> Citizenship NFT Free attendant to Atlas Events (Exclusives are not included) Attendant to Exclusive Events / Places Have a right for health-care insurance Atlas Companion Right to create free events
Tier 5	<ul style="list-style-type: none"> Buy 7 Island stake VIP 5 Sell 7 Island Contribution to advertising: \$10000 Contribution to Atlas liquidity New Atlas Spacers Community Members -> 800 new members 	<ul style="list-style-type: none"> Citizenship NFT Free attendant to Atlas Events (Exclusives are included) Have a right to be a participant of health- care insurance & retirement fund Atlas Companion Right to create free events

c. VIP Levels

VIP Level System is designed to keep the value of ATLS Token as stable as possible by making staking more attractive to investors. This system is a different kind of reward system, where users have dynamic levels that show their commitment to the Atlas Space community and economy. Users will gain VIP levels via monthly ATLS Token stakes. Each stake worth 100\$ will increase the VIP level of a user by 1 point.



C. ATLAS SPACER

Each month users will be rewarded for their commitment out of the revenue share pool which comprises of a percentage of the ad incomes generated from the platform. These “shares” will be transferred to users’ wallets in accordance to their VIP levels (higher levels get more shares).

There will be VIP level networking events and parties where users will be required to be above a certain level to be able to attend. Also, some islands or events can require a certain VIP level to be able to enter.

Gaining VIP levels is also possible through certain tasks and community engagement quests, but these levels are not very high and they only provide investment benefits through staking. Below figure is the proposed calculations considering staking examples in linear, square and cubic format. Formats will be considered in recognition of the volume of stakeholders.

Token staking = VIP Levels

If S_t is the number of tokens staked for period t , where t is a monthly unit of time, then VIP level of person at period t is calculated as:

This level, and its benefits, can be different for individuals and companies (index i). can change for each period of depending on the coin value (inverse ratio). A healthy valuation might be \$1000 per VIP level, so someone staking \$100,000 would have a VIP level of 100.

Example Benefits

- Ad Revenue Shares (ARS)
- Invites to certain VIP level networking or other events
- Entrance to VIP level islands

$$V_{k,t} = \text{Rounddown} \left(\frac{S_t}{a_{i,t}} \right)$$

VIP Level (i)	Number of Users (NV(it))	Share Amount	Per Person Share	Total Share	Share Amount	Per Person Share	Total Share	Share Amount	Per Person Share	Total Share
100	70	7000	0,00039348	0,03	700000	0,00058481	0,04	7000000	0,00077319	0,05
99	3	297	0,00038955	0,00	29403	0,00057317	0,00	2910897	0,00075022	0,00
98	52	5096	0,00038561	0,02	499408	0,00056165	0,03	48941984	0,00072772	0,04
97	36	3492	0,00038168	0,01	338724	0,00055025	0,02	32856228	0,00070567	0,03
96	5	480	0,00037774	0,00	46080	0,00053896	0,00	4423680	0,00068407	0,00
95	10	950	0,00037381	0,00	90250	0,00052779	0,01	8573750	0,00066291	0,01
94	97	9118	0,00036987	0,04	857092	0,00051674	0,05	80566648	0,00064220	0,06
93	68	6324	0,00036594	0,02	588132	0,00050580	0,03	54696276	0,00062192	0,04
92	11	1012	0,00036200	0,00	93104	0,00049498	0,01	8565568	0,00060207	0,01
91	98	8918	0,00035807	0,04	811538	0,00048428	0,05	73849958	0,00058265	0,06
90	64	5760	0,00035413	0,02	518400	0,00047370	0,03	46656000	0,00056365	0,04
89	32	2848	0,00035020	0,01	253472	0,00046323	0,01	22559008	0,00054507	0,02
88	29	2552	0,00034626	0,01	224576	0,00045288	0,01	19762688	0,00052691	0,02
87	55	4950	0,00034233	0,02	446250	0,00044251	0,03	39876655	0,00050915	0,03
86	10	950	0,00033840	0,00	90250	0,00043214	0,01	8573750	0,00049139	0,01
85	13	1170	0,00033447	0,00	103490	0,00042177	0,00	1021240	0,00047363	0,00
84	56	672	0,0004722	0,00	8064	0,00000842	0,00	96768	0,00000134	0,00
83	11	660	0,0004328	0,00	7260	0,00000708	0,00	79860	0,00000103	0,00
82	10	430	0,00003935	0,00	4300	0,00000585	0,00	43000	0,00000077	0,00
81	9	100	0,00003541	0,00	8100	0,00000474	0,00	72900	0,00000056	0,00
80	8	55	0,00003148	0,00	3520	0,00000374	0,00	28160	0,00000040	0,00
79	7	490	0,00002754	0,00	3430	0,00000287	0,00	24010	0,00000027	0,00
78	6	56	0,00002361	0,00	2016	0,00000211	0,00	12096	0,00000017	0,00
77	5	23	0,00001967	0,00	575	0,00000146	0,00	2875	0,00000010	0,00
76	4	51	0,00001574	0,00	816	0,00000094	0,00	3264	0,00000005	0,00
75	3	30	0,00001180	0,00	270	0,00000053	0,00	810	0,00000002	0,00
74	2	11	0,00000787	0,00	44	0,00000023	0,00	88	0,00000001	0,00
73	1	22	0,00000393	0,00	22	0,00000006	0,00	22	0,00000000	0,00



C. ATLAS SPACER

2. Retirement and Insurance Programs

Retirement and Health Insurance Programs are unique marketing implementations of Atlas Space that bridge the gap between digital values of the metaverse and Web3 opportunities with physical realities. These programs require Atlas Spacers to make a commitment and stake, similar to physical world programs, which grows interest and increases the value of ATLS tokens. At the end of the staking duration, investors can choose to withdraw their ROI, while Atlas Space keeps a commission between 10% and 20%.

The Retirement Program targets freelancers, young adults who want to invest in their future with the idea of early retirement, and crypto investors. The Health Insurance Program, on the other hand, targets digital nomads, expats, travelers, and freelancers.

Health Insurance

- min. 1 Year commitment
- pay monthly
- min 2100 usd value annual
- can commit more than 2100 usd value
- if pays monthly, skips payment 3 consecutive months then contract cancels automatically with no refund
- recommended for Atlas Spacers with annual income of 70K USD value and more.
- Can stake minimum 1 year or more
- Can benefit from annual interest and token value raise
- Can be beneficial for remote users from around the world to make personal health investment
- Support from globally / locally contracted partner health insurance companies
- Expat community support
- Travel community support

Retirement Fund

- min. 1 Year commitment
- pay monthly
- min 2100 usd value annual
- can commit more than 2100 usd value
- if pays monthly, skips payment 3 consecutive months then contract cancels automatically with no refund
- recommended for Atlas Spacers with annual income of 70K USD value and more.
- Can stake minimum 1 year or more
- Can benefit from annual interest and token value raise
- Can be beneficial for remote users from around the world to make personal investment

3. Avatars

Avatars play a crucial role in connecting and representing users within virtual worlds. As the popularity of Metaverse has grown, various Avatar systems have emerged. We have chosen to integrate with Ready Player Me (RPM) and Digital Twins at an early stage.



C. ATLAS SPACER

a. Interoperable Avatars

Atlas Space is a partner of Ready Player Me. The platform's advanced customization and personalization features, as well as its ease of integration with web, mobile, and VR and Web3 makes it a top priority for Atlas Space.

b. Digital Twins

Digital twins, particularly in the context of avatars and NPCs, are in high demand. Digital twin avatars that realistically represent users in virtual realms. Atlas Space is able to create hyper-realistic avatars using its advanced photogrammetry studio. While Digital Twins are a revenue channel for Atlas Space, they also create a new revenue stream for users, influencers, celebrities, and brands.

c. NPCs & AI Avatars

We integrated Chat GPT & RPM also exploring several other AI Avatar platforms. This enables NPCs to have unique traits and knowledge bases. Some of the use cases:

- **Info** NPCs that provide basic information about the context, events, activities to do with the space.
- **Educator** NPCs that assist users in practicing English.
- **Opponent** NPCs that help users practice games such as backgammon.
- **Bank Teller** NPCs that help bank virtual branch reach out to their customer base for support and promotions.
- **Night Shift** NPCs that assist users at locations don't have active representatives available during night hours.
- **Fortune Teller** NPC

d. Companion

Companions are NPC avatars that provide an interactive and personalized experience to users. The Atlas Space Companion system aims to create companions that understand and adapt to users' needs and personalities using AI. Companions can be customized with wearables, accessories, and moods through facial expressions. Designers can contribute to creating unique companions and promote and sell them on the Marketplace. Companies can integrate their branding into companion designs and use them as a representation trait for their brand. Communities can also benefit from creating companion collections to enhance their Metaverse experience.



APPLICATION AND GOVERNANCE

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ATLAS SPACE

D. APPLICATION AND GOVERNANCE

1. Activities and Events at Atlas Space

a. Atlas Space Events

Special Days

With customizable event spaces and experiences tailored to the unique preferences by Atlas Space for individuals and companies, Atlas Space collaborates with architects, designers, and art directors to create innovative and all-inclusive events that bring people from different walks of life together. With Special Days Atlas Space presents Special Day collections as a unifying ecosystem, with partnership opportunities and also for brands.

- Bundle Collections
- Halloween
- New Years
- Easter
- Earth Day
- Birthday
- Company Retreat
- Convention
- Festivals
- Celebrity Partnerships
- Can be a collection
- Can be a part of a bundle
- Can be animated and applied game mechanics for in gamified interaction
- Can be part of a promotion
- Can be sold on the market (secondary)
- Can be branded
- Can be one time
- Can be repeated
- Can offer rewards, gifts

Other Events

- Twitter Spaces & Clubhouse talks with communities and partners
- Reddit Q&As
- Atlas Space Podcast, cross platform streaming
- MetaDesign workshop
- MetaDeveloper workshop
- Hybrid DJ and live shows in collaboration with venues
- Creating Musician Rooms for “on demand” interactive experiences
- Easter Egg Hunt
- MetaMaze monthly challenges
- Snowball Fight all season
- Minigame championships: Chess, Backgammon, Pong, Snake, Tic Tac Toe, and Sudoku
- Web3 Festival annual ecosystem event

b. Companies

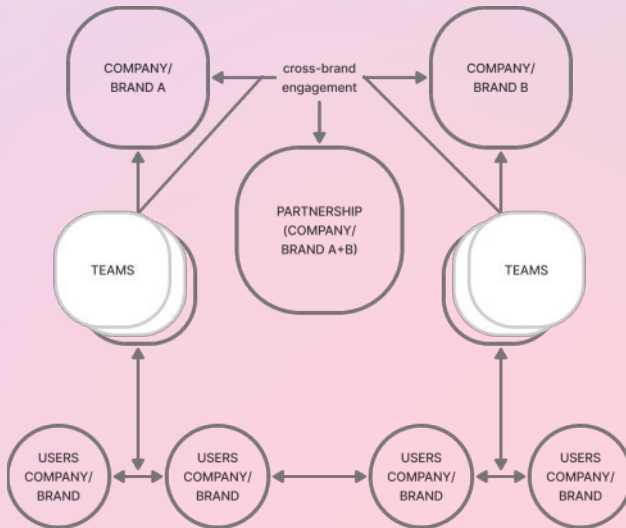
Beyond being a digital workplace or virtual campus, the Atlas Space ecosystem facilitates cross-section engagement within and across companies.

Some of the prominent events and activities are as follows:



D. APPLICATION AND GOVERNANCE

Coworking, Collaboration and Onboarding



Atlas Space offers a comprehensive suite of digital and virtual tools for colleagues to connect and collaborate, including meetings, meetups, and regular sprints through events. Our platform has proven to be a valuable resource for companies seeking to boost team and employee engagement, particularly those with large-scale, global, and hybrid workforces. In addition, we have seen many of our company clients leverage their virtual campuses and workspaces for onboarding new employees who belong to a younger generation.

Education

Atlas Space provides customizable modules and class schedules for universities and educational institutions, along with motivational programs like clubs. Professors and students can form teams and collaborate on projects. Additionally, Atlas Space can be utilized as a virtual campus for global education platforms to manage and offer certificate programs.

Ecommerce

Atlas Space allows e-commerce platforms and brands to integrate their sales channels and showcase their products, via .api integration, MetaBox and Sub-Marketplace. Influencers can create unique room keys for a limited time to promote brand assets and products, while brands can benefit from categorized advertising opportunities and display 3D models of their products to generate interaction data.

c. Entertainment Community

Atlas Space offers virtual venues and functionalities that allow audiences to connect and share memorable experiences with like-minded individuals, from world-renowned artists to underground communities. These entertainment events cover a wide range of areas, providing opportunities for individuals to find and grow their communities and collaborate on content creation within Atlas Space. Entertainers and communities can also create additional revenue channels from events linked to merchandise, NFT collections, and meet and greet tickets.



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2. Metabox

MetaBox can be considered as a shopping basket that provides a connection between the meta universe and the real world for organizations and companies that will be present within the universe. Companies and organizations that want to offer their services or products that exist in the physical world to their users in the meta universe can take advantage of the Atlas MetaBox service.

MetaBox is presented as a premium option for organizations and companies once they become a part of the universe. It is a unique feature that sets the Atlas universe apart. Brands that integrate MetaBox can enhance their reach and connection with their audience base, influencers, and customers in the virtual and physical realms. Individual users also need to activate their MetaBox to enjoy its benefits.

MetaBox has become a product that requires more serious action, and as a result, it may become a forerunner in increasing competition in the market. With increased demand, the product may transition to a paid model, which will significantly increase feedback and allow for product optimization, resulting in a better user experience.

Tier 1	<ul style="list-style-type: none">• More like an e commerce design and user experience• Non NFT assets• Real world assets of a community or brand• Cannot be unique• Have an option to pay with cryptocurrency and real fiat assets	<ul style="list-style-type: none">• Applicable if the conditions are met• Free to use• Items that on market should have equivalent in real world
Tier 2	<ul style="list-style-type: none">• Hybrid design of e commerce and NFT shopping basket• NFT Asset• Real world - Metaworld asset of a community or a brand• Has to be unique (Should be no equivalent of this asset in real world before its created as an NFT asset)• Have an option to pay with cryptocurrency and real fiat assets	<ul style="list-style-type: none">• Applicable if the conditions are met• Premium service with a subscription method• Items has to be unique (no equivalent of this asset in real world before creation of its NFT version)

a. Future of MetaBox

We are planning to release the MetaBox function in 2024. In the meantime, we will be launching our plan to evolve MetaBox into a Xapp. The MetaBox Xapp aims to integrate Web2 ecommerce platforms into the Web3 economy, facilitating the transition between centralized and decentralized structures while also enhancing privacy, personal information protection, and security. The development roadmap of MetaBox Xapp will be aligned with the autonomous delivery advancements that are expected to evolve with the



D. APPLICATION AND GOVERNANCE

progress of the AI industry. The MetaBox Xapp will serve as a distinctive and interoperable solution for connecting and safeguarding information in a decentralized structure, catering to a diverse range of industries from major e-commerce firms to food delivery systems.

3. Gamification Mechanism & Reward Dynamics

Atlas Space is an ecosystem that provides a unique experience for a wide range of audiences. It is designed to be a space where coworkers, friends, and strangers can gather and interact in a digital environment. At Atlas Space, we believe that socialization is an important aspect of a healthy work-life balance, and we strive to provide a space where people can connect and engage with others.

Atlas Space's creative ecosystem welcomes content creators of all types to showcase their work, collaborate, and receive recognition from the community. This provides opportunities for individuals, companies, and stakeholders to connect and engage with each other. As users spend more time in the metaverse, they are also exposed to ads and ad-like content, contributing to the ecosystem economy and its stakeholders.

At Atlas Space, we aim to provide an engaging and enjoyable gamified metaverse experience for our users. We have incorporated games and unique game elements to keep our Atlas Spacers attentive and invested in spending time in our metaverse outside of work hours. Our goal is to create an MMO game-like experience that encourages users to share an experience together and spend time and money in our metaverse.

VIP Level

The VIP Level system is a gamified token staking system that offers various benefits. Higher VIP level avatars can participate in more restricted events and gain more from staking. This system is used for events, parties, and bragging rights, providing an incentive for users to engage with the community and spend more time in the metaverse. Please see VIP Level for more information.

Renown

Renown is a reputation tracker that defines how much a user participates in the metaverse events, quests, and easter egg hunts. Users can earn Renown by participating in events and activities, and it has cosmetic rewards that help customize a user's avatar and profile.

Achievements

Achievements are rewards that users can earn by completing events, quests, and easter egg hunts. These achievements can be displayed in the user's profile, and just like Renown, they can have cosmetic rewards attached to them



D. APPLICATION AND GOVERNANCE

Snowball Fight

Snowball Fight is a classic game that puts some action into the Metaverse. Users can freeze others and gain points in a friendly and nonviolent way. It's a fun and engaging way to interact with other users and compete for high scores.

Minigames

Finally, Atlas Space has many minigames that are featured for multiplayer fun. These include Chess, Backgammon, Pong, Snake, Tic Tac Toe, and Sudoku. Users can interact and play against each other in these games at any given time, providing a fun and engaging way to socialize and connect with others.

4. Support Mechanism For Startups & Launchpad

Atlas Space is highly capable of providing blockchain based startups with the comprehensive services of incubation, fundraising, ecosystem partnership building, web3.0 community growth, conducting their IDOs and more in order to make them achieve their business goals.

Incubation services include Web3.0 project fundamental creations, tokenomics and vesting strategy creation, web3.0 legal advisory, whitepaper and pitch-deck creations, web3.0 community development and growth marketing strategies and programs, KOL (key opinion leader) marketing activities, web3.0 ecosystem partnership building, smart contract development and all web3.0 developments and integration, blockchain selection advisory, VC tour for fundraising, launchpad introduction for conducting multi-channel IDOs, CEX relations and listing strategy, metaverse marketing, global crypto industry PR activation and 360 design works.

Atlas Space launchpad helps the brands and web3.0 startups sell their tokens to its strong and globally wide range of investors through organizing a comprehensive IDO activities.

5. Loyalty Program Integrations

Loyalty programs are platforms and apps that provide personalized shopping experiences through campaigns tailored to users' lifestyles, tastes, and needs that often created by banks and large retailers.

Atlas Space plans to onboard such platforms through strategic partnerships called Loyalty Program Integrations, enhancing the connecting loyalty-benefit mechanisms between physical and virtual realms for Atlas Spacers. Higher tier users may be entitled to greater discounts, higher value NFT items, and more valuable physical goods.



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To give an example of a seasonal campaign could be as follows: The campaign is initiated by the Atlas Space Loyalty Program Partner called XYZ app and lasts for one month. The campaign consists of three threshold levels, with each level starting after the previous one is achieved.

The value of discounts, NFT items, and physical goods offered as part of the loyalty program may vary depending on the tier of the Atlas Spacers.

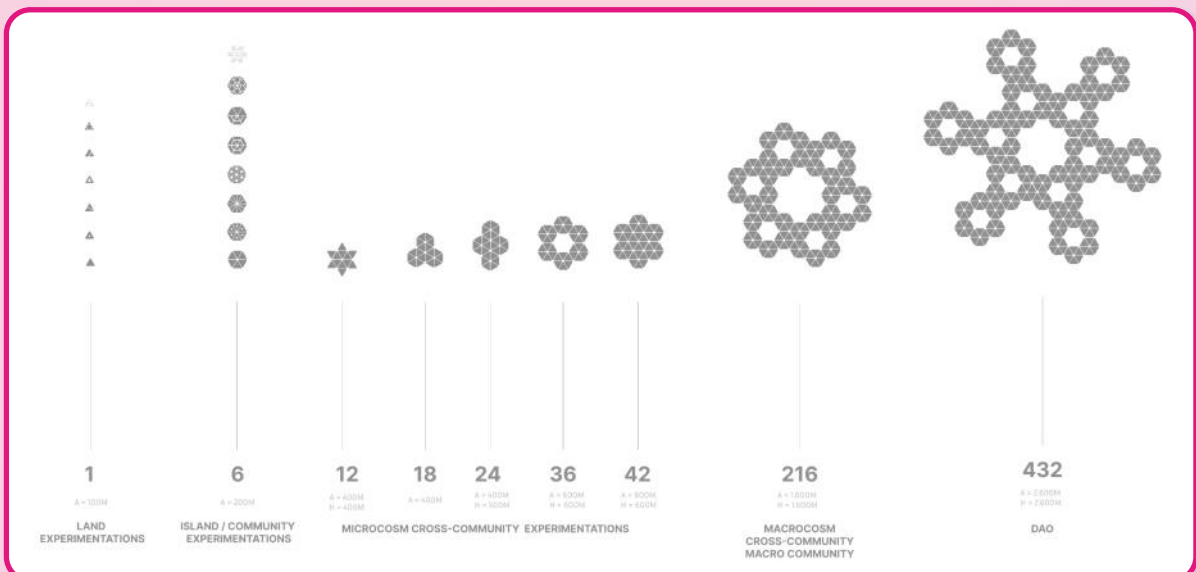
LEVEL 1	LEVEL 2	LEVEL 3
<ul style="list-style-type: none"> Visit three stores connected to the app within one hour Win Atlas Bonus. 	<ul style="list-style-type: none"> Visit six stores connected to the app, Make one purchase Share a photo Show your purchase Win an NFT item from the XYZ collection 	<ul style="list-style-type: none"> Collect 30 XYZ app points by the end of the campaign Win an NFT item from the XYZ collection paired with store gift card

6. Atlas Space Foundation - DAO Mechanism

DAO Mechanism will be designed in 2023. Throughout the year various experimentations will be hold to create the future of a fully sustainable structure that benefits all types of participants, stakeholders. Our essential goals:

- Sustainability
- Advancement of knowhow of all levels of participants
- A fair and productive structure
- Creating the basis the variety of users that invest effort, time and money

Below visualizes the experimentation of lands, community via islands and DAO ideation stages



D. APPLICATION AND GOVERNANCE

7. Characteristics and Benefits Mechanism of Islands

Six of the united Atlas Space Lands create one Island. To understand the benefit mechanism in islands, it is necessary to first understand how island governance works within a framework.

a. Island Governance

Atlas Space Metaverse has developed its own methodology based on the fundamental principles of blockchain philosophy, particularly the concept of decentralization, to create a new governance model. According to this model, the Atlas Universe will be governed by two different layers.

Atlas Space

Atlas Space has a governance layer where rules and protocols necessary for the peace, sustainability, and development of the universe are decided. A deductive strategy is adopted where decisions are made starting from the functioning of the universe up to the relationship between Atlas assets and the entire universe.

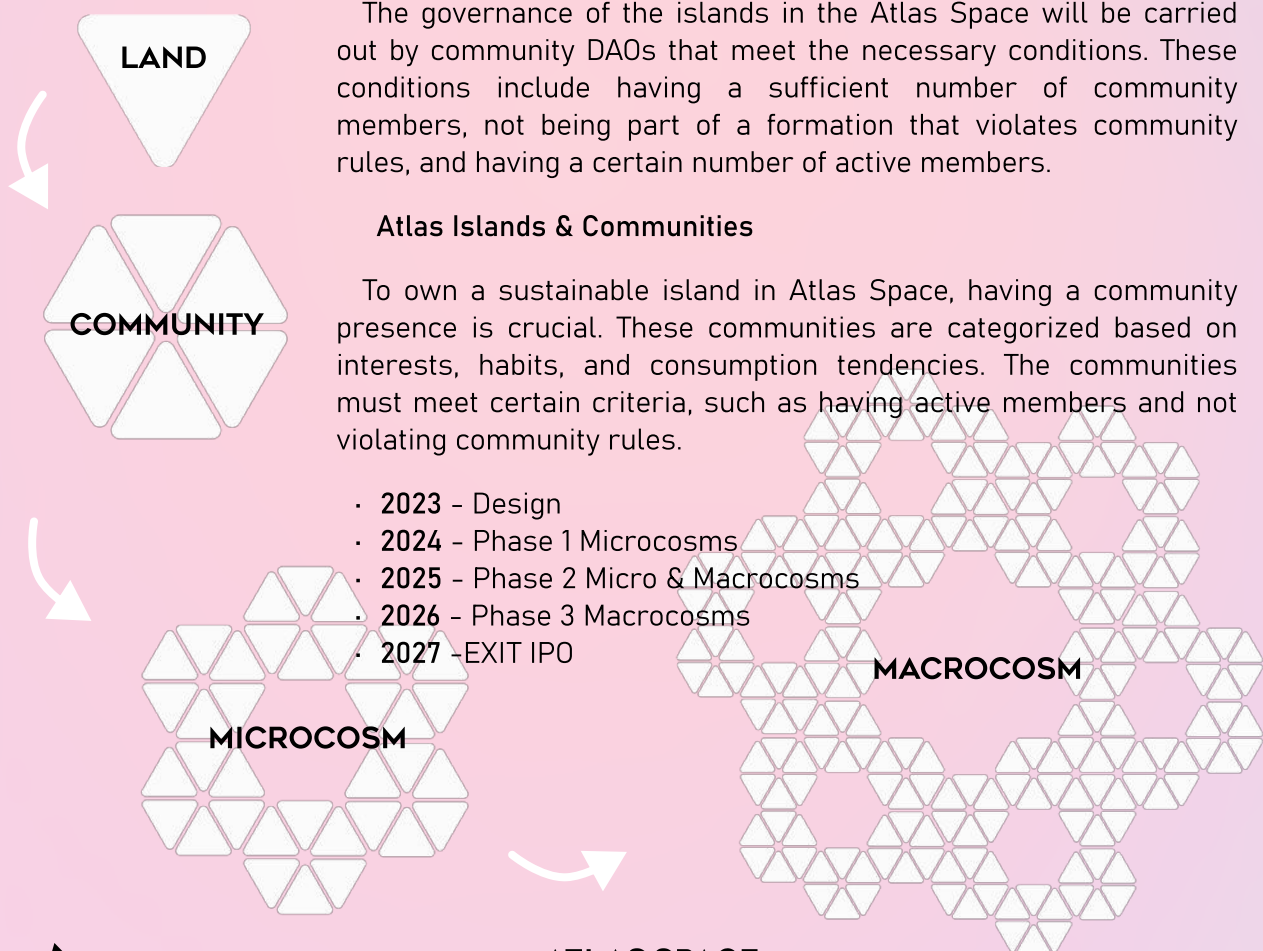
Atlas Lands

The governance of the islands in the Atlas Space will be carried out by community DAOs that meet the necessary conditions. These conditions include having a sufficient number of community members, not being part of a formation that violates community rules, and having a certain number of active members.

Atlas Islands & Communities

To own a sustainable island in Atlas Space, having a community presence is crucial. These communities are categorized based on interests, habits, and consumption tendencies. The communities must meet certain criteria, such as having active members and not violating community rules.

- 2023 - Design
- 2024 - Phase 1 Microcosms
- 2025 - Phase 2 Micro & Macrocosms
- 2026 - Phase 3 Macrocosms
- 2027 - EXIT IPO



ATLAS SPACE

D. APPLICATION AND GOVERNANCE

b. Benefit Mechanism

Atlas's benefit mechanism is shaped within the framework of quid pro quo, and it operates on the basis of the ratio of the benefits you provide. These benefits include:

- A percentage share based on the contributions made by the communities to the pools created for Community DAOs and/or the tokenomics structure set for the communities within the universe.
 - Major authority in decisions about the future of their respective islands and governance of the island (provided they do not violate the universe rules)
 - The entire amount of profits generated by the island's economy, except for the platform's share.
 - The right to vote on certain issues to be taken in the Atlas Space universe - one island represents one vote.
 - Communities can provide assistance to other communities or islands within the universe. If such assistance is provided, the requesting community must cover the cost of the assistance.
-



ASSETS

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ATLAS SPACE

E. ASSETS

1. Types of NFTs

The classification of NFTs to be used within Atlas Space is determined based on the needs of Atlas and its anticipated shareholders. This classification is made possible by organizing the two different standards, **ERC-721** and **ERC-1155**, according to asset requirements.

a. Sellables (Marketplace)

Atlas Wearables

Atlas Wearables represents the wearable assets of avatars and NPCs within the Atlas universe. Wearable NFTs that can be differentiated by accessories or body parts and can also be used as branding tools upon request have been designed to be purchased individually and used in an avatar, as well as sold in a bundle on the marketplace. (See: AtlasBundle Marketplace) **ERC-721 / ERC-1155**.

Areas of Use & Benefits:

- Customized content for collaborations and partnerships
- Special accessories and wearables produced for games and events
- Customized content for mass adoption providers (aka influencers)
- Events and games that only asset owners can participate in
- Accessories and wearables that can strengthen the community perception within the community
- Representation of assets that can be used within the use of Metabox.

Atlas Art

This category includes art activities, various exhibitions, and personal collections within the Atlas universe. They can provide unique effects on the atmosphere of the universe, both individually and collectively, as well as other benefits. This is made possible by the classification of NFTs used in this category, which are based on the **ERC-721/ ERC-1155 standards**.

Areas of Use & Benefits:

- Personalizing structures within the universe
- Contributing to content production and customization of islands within the community
- Customizing special occasion content for brands and communities within the Atlas universe and blockchain
- Formation of a content pool for NFT galleries to be held within the universe
- Customization of advertising within the community, brand, and individual levels within the universe
- Diversity within the universe

Atlas Music

Brands and communities can benefit from collaborating with content creators and providing unique content to their audience by organizing various events (e.g. concerts). **ERC-721 / ERC-1155**

Areas of Use & Benefits:

- By separating Atlas Music from Atlas Art, it can prevent music creators from getting lost among other content creators.
- It can provide the opportunity for communities and brands to use content without copyright issues at the events they organize.



E. ASSETS

Atlas Sports

Sports-themed game activities, player cards, and player character themes within the universe can be used for various purposes. This category, which allows for different strategies to be pursued for sports clubs and players, is mainly motivated by fan base management for clubs and players. It can be implemented using **ERC-721** and **ERC-1155** standards.

Areas of Use & Benefits:

- Provides a suitable platform for various fan campaigns and events that clubs may want to organize
- Provides a suitable environment for various fan campaigns and events that players may want to organize in their own right
- The categorization of assets that can be included in games within the universe can be directed towards Atlas Sports for customization.

Atlas Architects

Used for structures within the universe. These structures can include concert venues, gallery spaces for NFTs with art themes, meet-up spaces created for brands and communities, and campus areas created for meta-universities. Structures should be one of the most prominent categories, given their contribution to the richness, aesthetics, and activity within the universe. **ERC-721 - ERC-1155**

Areas of Use & Benefits:

- Atlas Space can provide proof of the use of structures by users, communities, and brands.
- Considering that it can trigger designers' incentive to earn, it can create a sustainable impact for a healthy competitive environment and a lively economy.
- It can be beneficial in creating a suitable competitive environment to make advertising spaces more attractive.
- Can be part of a collection for brand collabs

Atlas Lands

Represents all the islands and purchasable areas in the Atlas universe. This category stands out as the most flexible class of personal space customization, which will enable communities and brands to take the first step in creating an ecosystem suitable for their audience. **ERC-721**

Areas of Use & Benefits:

- Provides the most fundamental benefit in terms of achieving the desired ecosystem and structural integrity.
- Can be used for event-based private zones
- Can be designed as areas where users with specific pass skills (permissions) can enter.
- Islands can be customized temporarily or permanently for cross-community events.
- Content can be customized for games.

Atlas Pass

Access cards for special activities, events, and region accesses. Allows communities and brands to organize loyalty programs and exclusive events for their audiences. **ERC-721 / ERC-1155**

Areas of Use & Benefits:

- Exclusive events that require special access.
- Loyalty programs, clubs
- Access to regions that are considered special



E. ASSETS

Atlas Vehicles

It represents the items that can provide transportation networks (public or private) within the universe and can exclusively transport to areas without teleportation points. It can also be used as an interactive game element. ERC-721 / ERC-1155.

Areas of Use & Benefits:

- Access to regions that are considered special in the Atlas universe for brands, communities, and the Atlas community.
- Attend special days, events, competitions
- Earn as gift, resellable to monetize
- Use for 3D advertisement, promotion

b. Non Sellables

This category comprises implementation ideas for unique entities that cannot be transferred using **SBTs (SoulBound Tokens)**. SBTs can be described simply as ERC-721 tokens that are not transferable.

Atlas Identity (Citizenship): This category can be used to create an infrastructure that enables users in the Atlas universe to establish their identities and streamline their verifications. The content of the identity is open for discussion. ERC-721 / SBT

Atlas CVs: Users who want to connect with startups and organizations in Atlas or apply for a job can have their work information verified and showcased through NFTs. SBT - ERC-721

c. Non NFT Items

The efforts provided within the universe, and the rewards that will be given to users as a result of completing daily and periodic tasks are the general subheading of the rewards.

Off-Chain Gifts: Avatar animations, basic home decorations, and some accessories.

Atlas Bonus: A non crypto token type that can be used for off-chain transactions and trades.

Consumable Items: The collection of gifts with limited use count. For example, I bought a teleportation device and I can teleport to wherever I want regardless of my location.

2. Features and Content of the Marketplace

The Atlas marketplace can be illustrated via three different perspectives such as; in terms of its layers, operational scheme, and features.

a. Layers

Tier 1 - Atlas Orion: Forms the layer to be used when entities to be included in Atlas Space want to be added independently of a user. It uses NFTs of AtlasAssets and AtlasTradeables contracts with onlyOwner modifier as it requires admin action.



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Tier 2 - Atlas Sub-Market: Enables the creation of sub-markets at the level of organizations and companies, and their exhibition within Atlas Orion. The factory contracts and their clones can be modified at the organizational level. Sub-Markets will be revisited with their conditions.

Tier 3 - Atlas Orion Public: Assets that will be included in Atlas Space have now been brought to the level of basic users, with a more flexible structure. Basic users can now create their own NFTs and become collection owners through the clone contracts created by the **factory contract**.

b. Operational Scheme

Trade at the Level of Individual NFTs (ERC-721 / ERC-1155)

It refers to the operational scheme that will be present in two different contract structures of the Atlas marketplace (**Atlas Orion, Atlas Auction**).

- Users can create an NFT and put it up for sale - or they can bid on an NFT that is not for sale (including an option for future sale), and can reject or accept incoming offers. (Atlas Orion)
- Users can put their NFTs up for auction, bid on an NFT that is up for auction, and update the date of the auction.

Trade at the Level of Multiple NFTs (ERC-721 / ERC-1155)

It refers to the operational scheme that will be present in the **Atlas Bundle Marketplace** contract structure. The most notable aspect of the Bundle marketplace is that it can separate plural NFTs according to different contract addresses and **tokenids** and collect them into a single **bundleid**.

- Users can collectively offer for sale their plural NFTs they create or own - including NFTs they own from different contracts - on the marketplace. Platform users can make purchases in any desired amount, offer on bundleids, and sellers can accept offers on bundleids.

c. Features

While the Atlas marketplace has different features that set them apart, they all have some common features.

- Any token (except **Native Assets**) can be added as a payment method to the Atlas marketplaces using the **AtlasTokenRegistry** contract.
- Real-time price feed. **Chainlink price feed oracles** are used to fetch the real-world data of all tokens used in the Atlas marketplaces.
- Thanks to the **Registry** architecture, all proxy and/or non-proxy contracts can be changed and updated.
- When updated contracts are included in the system, NFTs belonging to our old users that are in the old contracts can be included in the system with the



E. ASSETS

that are in the old contracts can be included in the system with the registerTokenContract method in factory contracts. Thus, NFTs in old contracts are verified and included in the system.

The marketplace does not have to remain limited to user, admin, and organizer levels. New user types that can contribute to in-universe activity and diversity can be defined and added within their authorization areas.

d. Atlas Sub-Markets

The factory pattern, which is commonly used in standard NFT marketplaces, allows users to mint their own NFTs in the marketplace while complying with the marketplace's standards for NFT smart contracts. This way, each user can manage their own collection and have a say in its creation.

The sub-markets within Atlas are also designed as a service product with this mentality, but tailored to meet specific needs. The main difference between standard marketplace collections and sub-markets in Atlas is that certain skills are required to benefit from the Atlas Sub-Market. These skills should not be seen as limiting freedom, but rather as adapting the content to meet the expectations of the audience based on certain standards, which inevitably results in higher quality.

Sub-Market Standards for Brands and Organizations

The standards for sub-markets that belong to brands are designed to meet the brands needs both within their universe and related to activities they undertake outside of it. While brands find a response to their needs, the user base should also be able to access the services and products offered to them through an easy-to-use interface and know that they will not be deprived of the values their brand offers in the physical world. To ensure that, the following standards must be met:

- The standards for sub-markets that belong to brands are designed to meet the brands needs both within their universe and related to activities they undertake outside of it. While brands find a response to their needs, the user base should also be able to access the services and products offered to them through an easy-to-use interface and know that they will not be deprived of the values their brand offers in the physical world. To ensure that, the following standards must be met:
- Products offered in sub-markets should comply with NFT standards.
- When designed to meet a need, it should correspond to a demand within the Atlas universe.
- The products offered to the market should have a certain diversity, unless they are unique.
- Although the Atlas universe offers an in-universe experience for both web2 and web3 users, brands should have a general understanding of the structure of web3 communities. This criterion can be controlled by examining use-case examples of brands' social media activities and past work in this regard.
- If a brand does not have an idea about this, they can request help from communities and directly from Atlas on this subject.



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Sub-Market Standards for Communities

While sub-markets designed for communities share many similarities with those designed for brands, there are some differences to consider. The most important factor is that communities prefer a market structure that is more focused on entertainment and flexibility than that of brands. Additionally, the benefit that the community's habits can provide and the ratio of that benefit to the community's size in the universe should be taken into account.

To ensure compliance with sub-market standards for communities, the following guidelines must be followed:

- Products added to sub-markets must comply with NFT structures and standards.
- The products uploaded to the market must reflect community elements.
- To open a sub-market, you must have an island owner.
- Another important factor to consider when creating a serious sub-market for a community is whether a sustainable economic model can be created:
 - The number of members in the community
 - The potential economic contribution of community members
- Any factors that will be considered in the establishment of a community sub-market, such as the need for sub-market services, will be decided based on the benefit-member count graph that emerges in accordance with the two factors mentioned above.
- While the two factors will shape the sub-market, there are minimum requirements to be taken into account:
 - The community must have at least 45 members.
 - The economic contribution of the community must be at least \$2500 per month.

e. Creators

Within The Atlas Space ecosystem Developers, Designers which includes such creatives as 3D artists, Architects and etc. and Artists which includes such creatives as visual artists, generative artists, curators sound designers, musicians etc. are referred to as Creators.

Developers

A Dev Creator is a type of user who can contribute to create the events and games designed within the universe. They can contribute to games and activities created by Designers and Artists of various communities and to the marketplace. They can also offer their own games to be created and included in the Atlas Space destinations and they can promote and sell their works to be utilized on the Brand Islands. The benefits of being a Creator include:

- Creating in-universe games
- Supporting the creations of Designers and Artists
- Earning NFTs from in-game achievements
- Contributing NFTs earned from games to the marketplace economy



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- Contributing to the economy through advertising and service areas.

Designers

Designers are creative users who can contribute to the diversity of structures, from 3D architectures, furniture, environmental objects to wearables, vehicles, and more within Atlas Space.

- Create in-game structures, wearables, vehicles, etc.
- Design materials, levels, and environments for use in the game
- Convert creations into NFTs and sell them on the marketplace to benefit the economy
- Meet the basic design and structural needs of organizations and communities
- Contribute to the economy by utilizing advertising and service areas.

Artist

Artists are creatives who do physical, digital artwork that they also promote and sell over Web3 marketplaces. These type users contribute to the aesthetic appeal of the Atlas space and its structures by creating curations, collections and organizing various exhibitions within the universe. In addition, Artists label apply to sound creators, music producers who also have the opportunity to showcase their work all over Atlas Space destinations, Brand locations as well as creating their events and gigs. They can provide contributions to the universe through the following benefits:

- Contribute to exhibitions within the universe
- Organize exhibitions by artists
- Create various concerts within the universe and contribute to the overall uniqueness of the content
- Contribute to content production for communities and organization structures and activities.
- Contribute to the economy by selling the content they produce on the marketplace

Contribute to the economy by utilizing advertising and service areas.

Content Creators

Content Creator Awards: To turn the activity of content creators in the universe into a sustainable model, it is necessary to create an award mechanism.

- The audience they have and the contribution they make to the universe in proportion to that audience (thus, a balance can be achieved between macro and micro influencers.)
- The sustainability of the activity (to create a balance between micro and macro influencers, the activity will vary. Macro influencers may sustain this activity less frequently.)
- Continued content production without violating universe rules

Some examples of the award system are:



E. ASSETS

- **Content Creator House:** A special place and content arrangement for content creators can help them reflect their personality in the universe and real life, away from the ordinary user type.
- **Easter Eggs:** There are some events and identity identifiers that remind content creators of their fan base. (Elraen - Lemon) These identity identifiers can be placed in various events or difficult-to-find places in the universe.
- **Community Fee:** A model can be created in which they can benefit from contributions arising from their defined audience.

f. For Companies

This is an organization that provides the infrastructure for companies and brands to connect their physical-world activities, services, goods, and events to the metaverse.

- Use Metabox (for more information, see Metabox) to offer their current products/ services to metaverse users.
- Convert the content and services they create within the metaverse into NFTs and make them available to the public.
- Potentially define each company as a user with a public address (i.e., each account linked to a wallet address) and create sub-markets with specific categories for each company.
- Contribute to the economy by using advertising and service areas.

g. For General Public

The general user and consumer base will make up the majority of the Atlas universe. To ensure that the demand and needs of this user base are met, it is essential to organize the marketplace accordingly.

- Purchasing assets in the marketplace to keep the marketplace economy flowing.
- By placing orders for products found in Metaboxes, they can obtain real-world goods in exchange for commissions that contribute to the Atlas economy.
- Contribute to the Atlas economy through activities that take place in games and events.
- They can also contribute to the economy by using advertising and service areas.



METANOMY

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ATLAS SPACE

F. METANOMY

1. Token Economy Details

Atlas Space Token Economy (Metanomy)

Atlas Space Token is the primary currency that will be used in Atlas Space. It has been created in the **ERC20** standard on the **Polygon Network**. All expenses, payments, and transfers that take place on Atlas Space will be made using Atlas Tokens. Unlike many other cryptocurrencies, the Atlas Tokens (ATLS) has been created out of necessity.

Why Atlas Token was needed?

Atlas Space is a platform where the concept of open metaverse is fully realized and becoming more widespread day by day. As we mentioned before, unlike many other metaverse platforms, it is a metaverse that creates real value both in B2B and public usage and continues to develop. Just like all currencies that are created due to the need for money in activities such as trade and banking in the real world, there was also a need for a currency for many applications and implementations across the Atlas Space ecosystem.

Previously created cryptocurrencies such as Bitcoin and Ethereum cannot be used due to their volatility and inflation risks. We also couldn't use stable cryptocurrencies that are currently used in many places due to their negative past experiences and weak appearance against regulations.

Therefore, we had to create the ATLS in Atlas Space, where the risks of high inflation and high volatility are minimized.

Economic Design of Atlas Token

ATLS, which is the primary currency of Atlas Space, is designed to increase by an average of 1.31% monthly inflation.

A total of 1,000,000,000 tokens have been created, and total circulation will be completed in 10 years. Initially, 180,000,000 ATLS will be in circulation on the market, and the amount will continue to increase by an average of 1.31% inflation per month.

This amount is determined based on the projected increase in the use of Atlas Space and therefore the currency usage within the Metaverse.

ATLS is a cryptocurrency designed by experienced professionals in the field, with a focus on avoiding fraudulent investment schemes or manipulative price inflation tactics. The team prioritized creating a more robust token economy that would present a stronger and more reliable appearance compared to previous iterations.

Efforts have been made to prevent both early investors and those who invest in ATLS at any time from experiencing negative experiences.

A token economy has been designed that will give investors confidence in the team's controlled tokens and will not allow early large or small investors to create high volatility. For this reason, the name METANOMY was chosen specifically for ATLAS SPACE.

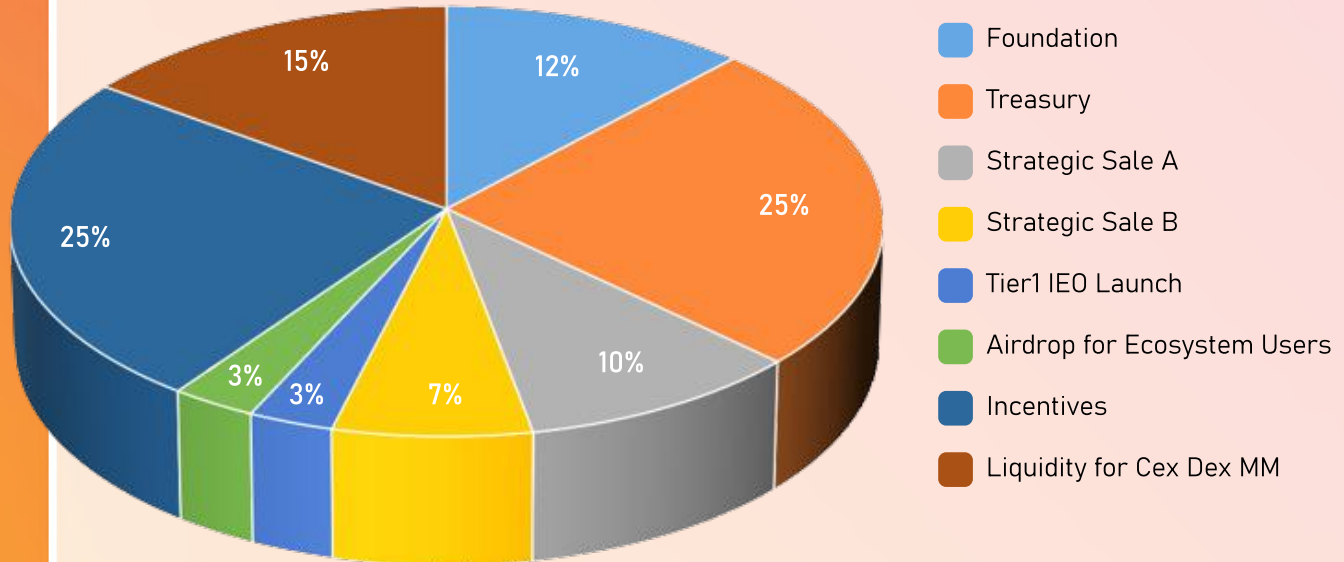


F. METANOMY

a. ATLS Tokenomics

Chart below contains the tables of the sections, lock and vesting processes of ATLS.

Token Distribution



Token Unlocking

PART	PART
Foundation	48 months lock-up + 60 months linear vesting
Treasury	48 months lock-up + 60 months linear vesting
Strategic Sale A	0% at TGE + 48 months linear vesting
Strategic Sale B	0% at TGE + 36 months linear vesting
Tier1 IEO Launch	100% at TGE
Airdrop for Ecosystem Users	12 months lock-up + 84 months linear vesting
Incentives	0% at TGE + 120 months linear vesting
Liquidity for Cex Dex MM	100% at TGE



F. METANOMY

Foundation

It constitutes 18% of the total token amount. In order to protect the investor, it will be locked in the smart contract for a period of 4 years. At the end of the 4th year, a linear expansion is planned for a period of 5 years on a monthly basis.

Treasury

It constitutes 25% of the total tokens. To protect the investors, it will be locked in the smart contract for a 4-year period. At the end of the 4th year, a linear release is planned for a 5-year period on a monthly basis.

A fund of \$13M will be created for Founder and Company Treasury tokens for a period of 4 years. This fund will be available as a treasury reserve for the company at the end of the 4th year.

Strategic Sale A

It constitutes 10% of the total tokens and there is no lock-up period to protect the investor. Distribution will begin one month after listing. To avoid putting pressure on the token price, distribution will be completed over a 4-year period.

Strategic Sale B

It constitutes 7% of the total tokens. There is no lock-up period to protect the investor. The distribution will start one month after listing. To prevent pressure on token price, distribution will be completed over a 3-year period.

The absence of a lock-up period in our strategic sale rounds is designed to protect investors and create equal opportunities.

Tier 1 IEO Launch

It constitutes 3% of the total tokens, and there is no lock-up period to protect the investor. It will be offered for sale through Tier 1 exchange listing and launch planning on the exchange. 100% of the tokens will be available at the time of listing.

The inflation rate brought by our monthly sales is designed to be deflationary by increasing the token requirement in our structure. This has resulted in the disappearance of 50% of the average monthly inflation rate of 1.3%.

This situation will ensure the absorption of the monthly tokens opened for sale in the market during the sales round. It is a structured work plan to prevent any pressure on the price.

Airdrop for Ecosystem Users

It constitutes 3% of the total tokens and will be distributed to active users in the Atlas Space metaverse under certain conditions and periods.



F. METANOMY

It will be locked for 1 year. After 1 year from token launch, it will be distributed monthly for the next year according to user activity ranking. A total distribution period of 7 years in one-year periods has been specially planned to avoid putting pressure on the token price.

Incentives

It constitutes 25% of the total tokens. In order to protect investors, an equal monthly distribution is planned over a 10-year period.

A reward program will be created and will be given only to individuals and institutions that officially support the growth and development of the Atlas Space Metaverse world.

Those who participate in the incentive program will be announced transparently.

The incentives distributed will be given in accordance with the lock-up and distribution period.

Liquidity for Cex, Dex and MM

It represents 15% of the total tokens. During the token listing, 100% of them will be available.

Tokens will only be used as needed to provide liquidity. Unused tokens will be transparently stored in the liquidity wallet.

We prefer to plan liquidity unlocked since we will perform multiple listings and market-making activities on both centralized and decentralized exchanges.

Token Price Study

PART	PRICE	TOTAL	RATIO	TGE RATIO	INITIAL MARKET CAP
Foundation			12,00%	0,00%	
Treasury			25,00%	0,00%	
Strategic Sale A	\$0,026	\$2.600.000	10,00%	0,00%	\$0,00
Strategic Sale B	\$0,030	\$2.100.000	7,00%	0,00%	\$0,00
Tier1 IEO Launch	\$0,035	\$1.050.000	3,00%	100,00%	\$1.050.000,00
Airdrop for Ecosystem Users			3,00%	0,00%	
Incentives			25,00%	0,00%	
Liquidity for Cex Dex MM			15,00%	100,00%	
		\$5.750.000,00	15,00%		\$1.050.000,00
FDV					\$1.050.000,00



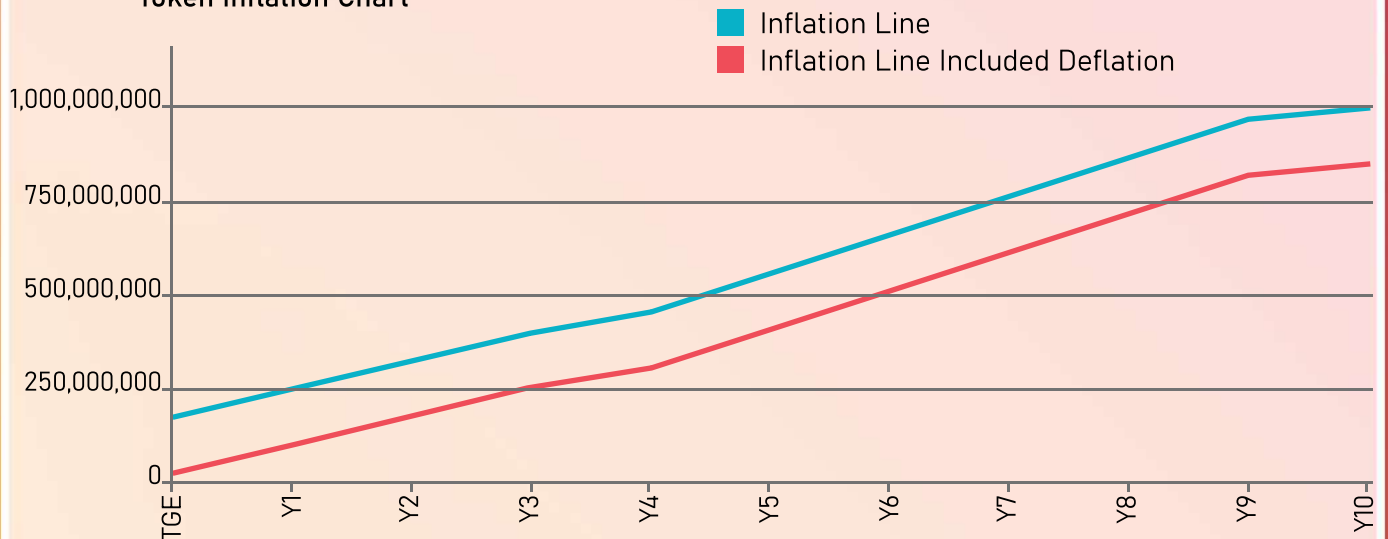
F. METANOMY

During the pre-investment round, a total of \$5,750,000 will be raised for ATLS token. The market value after listing is planned to be \$1 million in circulation.

The FDV value has been calculated as \$35 million.

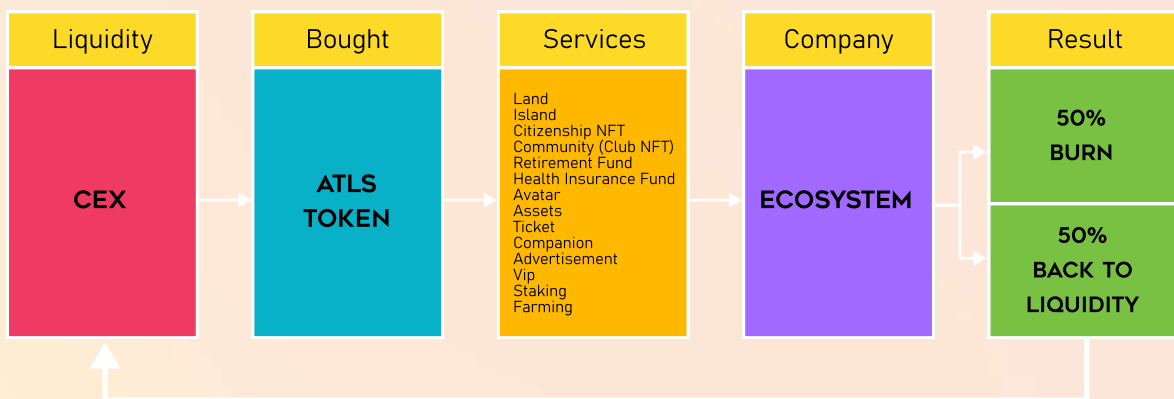
The price difference between sales rounds has been minimized to create an equal investment environment.

Token Inflation Chart



ATLS token inflation is spread over a 10-year period. Monthly token inflation is planned to be an average of 1.3%. The normal average monthly token inflation is 2.5%. However, the deflationary structure created provides a 50% absorption over inflation.

Token Deflationary Structure Study and Burning Mechanism



Access to all Atlas Space services is only possible with ATLS tokens. As the ecosystem's user base grows, usage of the services will also increase. To create a linear deflationary structure, 50% of the tokens used to purchase services will be burned.

The remaining 50% will be transferred to a liquidity wallet to be used when necessary, as the liquidity will have decreased.



F. METANOMY

b. ATLS Utilities

ATLS token is the currency of the Atlas Space ecosystem. Individuals who hold this currency will be able to purchase the ecosystem services listed below:

1. LAND
2. ISLAND
3. Citizenship NFT (Can be multiple)
4. COMMUNITY (Club NFT)
5. RETIREMENT FUND
6. HEALTH INSURANCE FUND
7. AVATAR
8. ASSETS
9. TICKET
10. COMPANION
11. ADVERTISEMENT
12. VIP
13. STAKING
14. FARMING

All of the ecosystem services listed above can be purchased with ATLS tokens. Our roadmap includes adding 20 additional ecosystem services over the years.

The growth of the ecosystem and the increase in services will increase the usage of ATLS tokens, which will accelerate token burning.

c. Buy Back Mechanism

Atlas Space also provides metaverse services to many top-level companies as a B2B organization.

These services are provided in fiat currency. In order to contribute to the token economy, for every B2B agreement made, 20% of the total amount will be converted to ATLS tokens and sent to the burn address.

2. Revenue Model Working Mechanism

Atlas Space has successfully implemented a B2B revenue model, which has led to onboarding of 50 companies within one year. This approach was driven by several factors, including the company's extensive network of enterprise clients and connections. Leveraging this rich network, we conducted in-depth interviews and needs analysis for a number of years, which helped us to identify the right target market for our platform.

Moreover, as a company with a deep understanding of enterprise customer needs, we recognized the pressing need within the overall Web3 industry to create a gateway for businesses to transition from the traditional Web2 ecosystem and economy and navigate the novel structure of Web3. This understanding helped us to design a platform that meets the unique needs of enterprise clients and helps them make a smooth transition to the new decentralized Web3 economy.



F. METANOMY

One of the key advantages of our B2B model is that it provides a reliable and sustainable revenue stream for the company. This, in turn, allows us to invest in research and development and continue to improve our platform, making it even more effective for our clients, users and the ecosystem.

a. B2B

As mentioned here, Atlas Space offers a MaaS B2B model with four distinct subscription packages, each providing varying levels of functionalities and benefits. It is important to note that in 2023, the subscription packages have been restructured to better serve the needs of our clients.

<p>Nova Freemium</p>	<ul style="list-style-type: none"> · Free features, functionalities with included private spaces for individuals and small groups of users. · Nova users are not required to purchase lands or tokens · Subjected to Ads in public and personal spaces · Located on the Map
<p>Supernova More Rooms</p>	<ul style="list-style-type: none"> · For Small companies, organizations, and startups · Create their own spaces or select spaces from the Atlas Space catalog · Has access to blockchain capabilities, marketplace · Subjected to Ads in public spaces not in personal rooms · Located on the Map
<p>Hypernova Branding</p>	<ul style="list-style-type: none"> · For midsize organizations, companies or groups · Can create their own spaces or select spaces from the Atlas Space catalog · Has access to blockchain capabilities, marketplace · Subjected to Ads in public spaces not in personal rooms or land · White label URL (and soon TLD.) · Tier 1 land ownership · Located on the Map · Sub-marketplace available · Option to MetaBox integration
<p>Dreamnova Signature</p>	<ul style="list-style-type: none"> · For large-scale enterprises that require special customizations of design and functionalities, in addition to various levels of privacy. · Can create their own spaces or select spaces from Atlas Space's catalog · Has access to blockchain capabilities, marketplace · Subjected to Ads in public spaces not in personal rooms or land · Tier 2 land ownership or Island ownership (due to the size of company) · Sub-marketplace available · Option not to be located on the map · Option to MetaBox integration · Health Insurance or Retirement Insurance programs available



F. METANOMY

b. B2C

Standard Lands

Standard Lands are purchased on the Atlas Space marketplace and allow owners to build one architectural volume to host an event or rent the land to other Atlas Spacers. Additionally, owners can buy or create environmental architecture to use on their land and integrate minigames.

Standard land owners have access to public spaces and events, as well as three personal rooms. They can choose a 3D design from the Atlas Space Catalog, create their own designs, or collaborate with community designers to create unique spaces.

For B2B Dreamnova subscribers, there is the opportunity to add-on a Standard Land to their subscription.

Premium Lands

Premium Lands are located closer to high-traffic areas and have a neighboring island, which can be equipped with a gate to facilitate cross-community interactions. With that, the use of the gate requires mutual consent from both land owners.

Premium Lands are purchased on the Atlas Space marketplace and allow owners to build one architectural volume to host an event or rent to other Atlas Spacers. Additionally, owners can buy or create environmental architecture to use on their land and integrate minigames.

Premium land owners have access to public spaces and events, as well as three personal rooms. They can choose a 3D design from the Atlas Space Catalog, create their own designs, or collaborate with community designers to create unique spaces.

For B2B Hypernova subscribers, there is the opportunity to add-on a Premium Land to their subscription.

Assets

For the first year of its release to support the creative community, the marketplace will waive commission fees for initial sales of all Assets except for Special Days, Brand Collections, and Partnerships. With that secondary market sales entail marketplace service fee of 5% for all categories.

Look Special Days for more info.

Brand initial market sales entail marketplace service fee of 10%.

The Partnership involves large-scale projects, joint strategies, short and long-term projections, cross-marketing, innovative design and development, and digital and physical utilities. The Partnership market sales entails a revenue share of 30% to Atlas Space.



F. METANOMY

Ticket

While Atlas Space, communities and brands hold free events of a variety of nature, there are types of events that are monetized, which can be more exclusive or have special and unique traits. Four categories are defined due to the ticket price, number of attendees available, event complexity and exclusivity. Tiered tickets entail marketplace service fee of 5%.

Free	<ul style="list-style-type: none">· Ticket Tier 0· Can be up to 50 simultaneous users
\$1 - \$5	<ul style="list-style-type: none">· Ticket Tier 0· Can be up to 100 simultaneous users
\$6 - \$10	<ul style="list-style-type: none">· Ticket Tier 0· Can be up to 200 simultaneous users
\$11 - \$15	<ul style="list-style-type: none">· Ticket Tier 0· Can be up to 300 simultaneous users
\$16 - \$20	<ul style="list-style-type: none">· Ticket Tier 0· Can be up to 500 simultaneous users

c. Ads

As a 3D Immersive Metaverse Infrastructure, Atlas Space has developed an advertising model that combines traditional advertising with innovative approaches. The platform has incorporated various advertising 2D and 3D infrastructures. The revenue generated from ads is distributed among platform shareholders based on their staking and platform shares. (See VIP Levels)

The Per Watch model applies to 2D static and 2D dynamic assets, such as images, gifs, and videos. This model tracks each user's content watching data analytics on a daily basis and costs \$0.05 per user, excluding platform fees.

The Per Interact model applies to 3D static or animated content that users can interact with, including 3D object models, NPCs, and AI NPCs. This model tracks each user's content interaction engagement data analytics on a daily basis and costs \$0.09 per user, excluding platform fees.

The Per Click model refers to hyperlinked ads that lead users to external sources or pop-up windows within the game's UI. This model tracks user clicks and user reach data analytics on a daily basis and costs \$0.30 per user, excluding platform fees.

d. Atlas Bonus

Atlas Bonus is a non-crypto token type designed for off-chain transactions and trades. It is intended to enhance user engagement with the platform, activities, and other users by allowing them to attend games or challenges and send animated actions to one another, such as popping champagne or exchanging high-five animaticons.

Users can earn Atlas Bonus as benefits of participation and effort and they can buy Atlas Bonus with ATLS token.

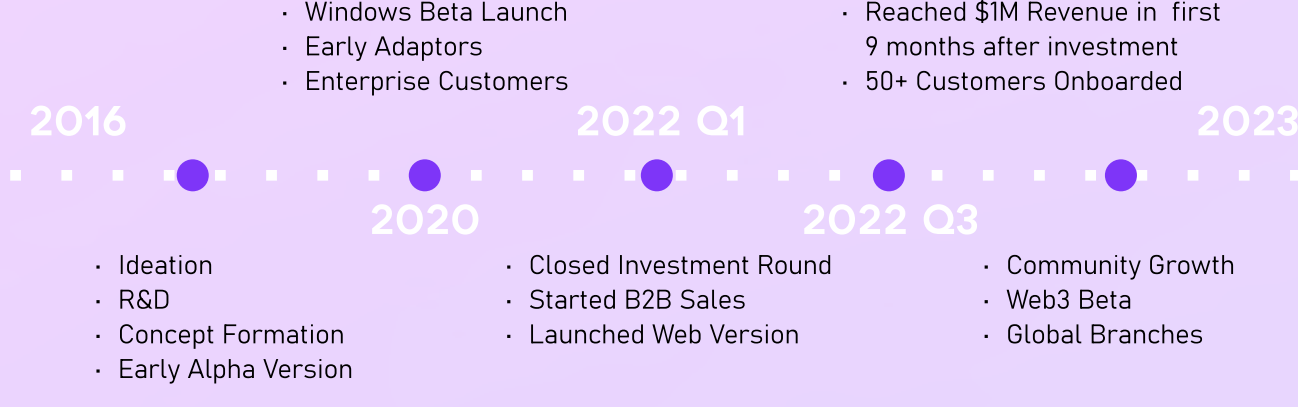


ROADMAP

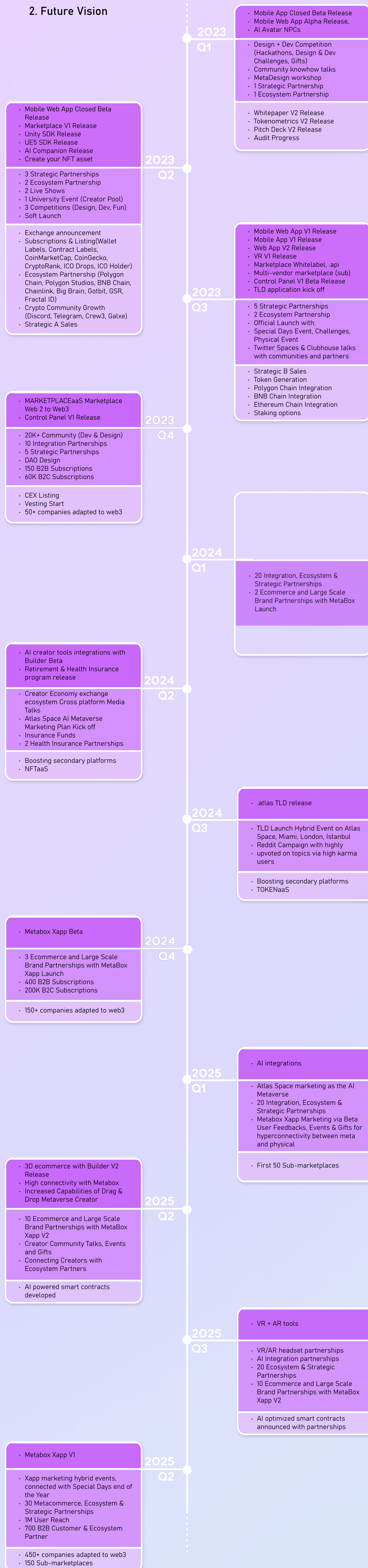
Whitepaper @2023 <https://atlas.space/> Confidential Draft

ATLAS SPACE

1. Progress to Date



2. Future Vision



TEAM AND PARTNERS

Whitepaper @2023 <https://atlas.space/> Confidential Draft

ATLAS SPACE

H. TEAM AND PARTNERS

1. About Atlas Space Team

Atlas Space has 17 years of experience in architecture and design, and has expanded their expertise to include virtual spaces using XR technologies. They have a team of professionals with creative and technical expertise who stay up-to-date with the latest trends in the industry to constantly improve the user experience, enhancing communication and interaction between humans and machines. Our everyday goal is to push the boundaries of design and technology to provide their clients with cutting-edge solutions.

a. Core Team

Burcin Gurbuz, CEO

- Renowned Web3 Expert & Serial Entrepreneur
- Driving Change in the Industry.
- Investor in 10+ Web3 and XR Startups.
- Speaker, Lecturer & Mentor
- 10+ years with Atlas Space

Pinar Oncu, COO

- Business Developer & Serial Entrepreneur
- Empowering the next generations, as a Womentech 500 Mentor
- Women in Games Ambassador
- 5+ years with Atlas Space

Alemsah Ozturk, Head of Marketing

- Acclaimed Expert in Marketing and Blockchain
- WPP Group CEO, Angel Investor
- Startup Mentor & Speaker
- Founder of Fluffy Polar Bears

Alper Guner, Head of Avatar

- 5+ Years of Expertise in Digital Twins & Avatars
- 15+ years of experience in digital marketing & advertising
- Elevating the User Experience One Avatar at a Time

Ugurcan Uysal, Head of Software

- Software Engineer and R&D Developer with 5+ years of Experience in VR, AR, Unity and Unreal Engine.
- 5+ years with Atlas Space

Burcu Dogru, VP

- Seasoned Product Manager of 10+ Years
- Transforming the Customer Experience
- Through Web3 Innovation
- 10+ years with Atlas Space

Cigdem Duzgunes, Head of Design

- Whiz of High-End & Optimized 3D Design,
- 3D Modeling and CG. Mentor & Lecturer
- Game Graphics, Design and Engines.
- 10+ years with Atlas Space

Emre Soyak, Product Owner

- Award Winning UX Designer & Established Art Director of 10+ years.
- Leading Expert on Products Where Design and Programming Collide

Gurkan Akcin, Head of Sales

- Sales Operations, Business Development and Training Expertise of 15+ years in B2B and 10+ years in B2C.
- Empowering Enterprises to Thrive in the Web3 Era

Yalkın Özemel, Project Manager

- 5+ yrs experience in business process management, project management, and resource planning.
- Responsible for end-to-end software solution development and delivery.



H. TEAM AND PARTNERS

b. Key Teams

Our metaverse development team is experienced and skilled in delivering enterprise XR solutions. With a proven track record of more than 50 successful projects across various industries, including telecommunications, retail, fashion, art, human resources, automotive, health, and defense, we have a deep understanding of the challenges and opportunities that arise in different sectors. Atlas Space operates under 6 sub-teams:

- Content Design Team
- Software Development Team
- Blockchain Development Team
- 3D Modeling Team
- UX/UI Team
- Business Development Team

c. Academic Partnerships

University of South Florida

Atlas Space partners with Professor Denker of the University of South Florida (USF) to research computer vision, holograms, and 3D space creation using photogrammetry methods. The partnership aims to facilitate reconstruction of historical sites and cultures.

Istanbul Bilgi University

Atlas Space has collaborated with Istanbul Bilgi University for the past 5 years, running internship programs for students while we discover talents early. The partnership also focuses on applying new technologies like Web3 and metaverse technologies for academic studies, creating an ideal R&D environment for Atlas Space.

Halic University

In collaboration with the university Atlas Space facilitated the first metaverse scholarship for Web3 developers, designers and students to receive higher education.

Macau Institute for Tourism Studies

Utrecht University Dr. Heysem Kaya

Macau Institute for Tourism Studies

Akdeniz University

d. Team Size Projections

The Atlas Space team has 60 members focused on software development and design, planning to expand to 100 by the end of 2024. As the platform grows, the team will shift focus to sales, marketing, and operations, committed to innovation and growth.



H. TEAM AND PARTNERS

2. Partners

a. Strategic Partners

Strategic partnerships define Web3 and blockchain industry, sales and marketing partners, to provide our user base with a robust decentralization experience in the web3 and blockchain infrastructures.

b. Ecosystem Partners

These are partnerships that boost Atlas Space ecosystem, enhance growth and gain insights into industry and user specific needs.

- Turkuvaz (Media and Press Partner)
- Halic University (Academic Metaverse Design Exploration Partner)
- Istanbul Bilgi University (Industry-Academy Collaboration Partner for Stronger Young Community)
- Denizbank ENDB (Banking and Finance Metaverse Design Exploration Partner)
- Vodafone (Enterprise Ecosystem Development Partner)
- TOGG (Automotive Metaverse Design Exploration Partner)
- VRARA (Latest Market Trends and Market Expansion Strategies Partner)

c. Technology Partners

Atlas Space has established strong partnerships with a diverse array of technology partners to provide its users with a secure, smooth, and seamless technological experience. Here are some of our technology partners:

- Agora (Communication Infrastructure)
- AWS (Secure Server Solutions)
- Ready Player Me (Interoperable Avatar Infrastructure)

d. Advisors

Adnan Akdemir

- CEO AFM Online
- Founder of AFM Cinemas
- Seasoned entertainment investor
- AFM Exit

Shelli Brunswick

- COO of Space Foundation
- Space4Women Mentor
- WBAF Senator for USA
- Forbes Technology Council

Ryan Horn

- 25+ years sports, gaming and ent. business
- Expertise in NFT / Sports / Fan Token
- N3ON Co-founder

Sanjay Kumar

- Equus Holdings Partner
- Pre-seed, Seed and Series A investments

Israel Pons

- Pitch at the Beach Co-founder
- CEO Angels Nest Global



H. TEAM AND PARTNERS

3. Our Investors

TechOne Venture Capital

TechOne Venture Capital is a Smart Capital Fund that invests in seed and early-stage technology startups with aspirations of becoming a global player through competitive advantages in technology and disruptive business models.

Domino Ventures

DOMiNO Ventures is a Dutch based early stage venture capital fund with a Turkish and Eastern European market focus. They provide early stage funding for entrepreneurs with breakthrough ideas in Metaverse, Blockchain, Artificial Intelligence and Gaming.

Startupfon

Startupfon is a venture capital fund and co-investment platform that invests in early-stage technology startups.

AngelEffect

Angel Effect is a platform for angel investors looking for high-impact investment opportunities and startups seeking funding. With over 400 angel investors in its network and access to more than 25 experienced and successful mentors.

BigBrain Holdings

BigBrain Holdings is a crypto-exclusive fund Investing in pre-seed, seed and early stage projects. Their team focuses on projects that are unique, innovative and on the cutting edge of blockchain.

Atlas Space is an innovative infrastructure that addresses the experience needs of a diverse range of industries, helping them transition seamlessly to Web3. With its cutting-edge technology and deep understanding of the market, Atlas Space is uniquely positioned to provide solutions that meet the evolving demands of modern businesses. By empowering businesses with the tools they need to thrive in the Web3 ecosystem, Atlas Space is paving the way for a new era of digital innovation and growth. Some of our enterprise customers and industries:

4. B2B Customers

- Vodafone (Telco)
- Denizbank ENDB (Banking)
- Pitch at the Beach (Startup Accelerator)
- Sabanci Holding (Enterprise Holdings)
- TOGG (Automotive)
- PowerGroup (Music and Entertainment)
- Aselsan (Defense)
- Turkcell (Telco)
- Lazzoni (HighEnd Furniture)
- Pepsi (FMCG)
- Bitbasel (Art Community of Miami)
- Bodrum Art Fair (Art Expo)



ATLAS SPACE

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