



Connecting the Unconnected

**Whitepaper**

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## **Abstract**

AirSola represents the next generation of groundbreaking global connectivity platforms, merging telecommunications with the power of the Solana blockchain. This whitepaper provides an extensive overview of AirSola's mission, vision, technical architecture, tokenomics, global connectivity, strategic partnerships, a dynamic staking mechanism, a marketplace for premium phone numbers, and a unique one-for-anywhere-anything eSIM.

# **1. Introduction**

AirSola spearheads the revolution in global telecommunications through cutting-edge eSIM solutions driven by blockchain technology. Our core mission is to democratize global data connectivity for travellers and bridge the connectivity gap for those currently unconnected, striving for universally accessible seamless communication. AirSola leverages the flexibility of eSIM technology, worldwide telecoms and the security of the Solana blockchain to provide a reliable and user-friendly global connectivity platform. Solana's high throughput, low transaction costs, and robust security features position it as the ideal blockchain for AirSola, ensuring secure and transparent transactions. The technical architecture of AirSola's eSIM on Solana incorporates smart contracts for efficient SIM token management, transparent transaction history.

Enabled by blockchain, AirSola introduces unique opportunities, including transparent transactions facilitating humanitarian aid tracking, collaboration with NGOs, real-time reporting, user feedback mechanisms, token staking, and enhanced security, all geared towards ensuring operational efficiency for our users and the use of the best network wherever they are.

# **2. eSIM Services**

AirSola's eSIM services offer a one-esim hassle-free and universal solution for connectivity, eliminating the need for physical SIM cards. Users can access data, make calls, and send texts seamlessly across borders.

## **Differentiating Factors**

Compared to traditional SIM cards, AirSola's eSIM simplifies global travel by providing a single, global package, tailored for travellers, remote workers, and individuals in regions with limited transports.

## Global Connectivity Disparity

Approximately 2.6 billion people lack reliable data connectivity. AirSola is committed to addressing this disparity and connecting the unconnected.

## One-For-Anywhere-Anything eSIM

AirSola stands apart from traditional carriers and eSIM providers by offering a one-for-all eSIM solution. Regardless of the country or region, your eSIM package WORKS, providing a seamless user experience.

# 3. Global Connectivity

## Seamless Worldwide Connectivity

AirSola's eSIM service stands as a pioneer in global connectivity, offering users a truly borderless experience. Once you purchase a data package, such as 20GB, you can access and utilize your data allowance seamlessly in any of the countries we serve without the need for configuration changes. Whether you are travelling for business or leisure, AirSola guarantees a reliable data experience.

## Simple Activation Process

Experience the freedom of global connectivity with AirSola's user-friendly interface. The activation process is simple – choose your preferred package, install the eSIM, and enjoy access to your data, or data calls, and texts worldwide.

## AirSola App Integration

Manage your global connectivity with ease through the AirSola mobile app. The app provides a platform for monitoring data usage, adjusting settings, and accessing customer support, ensuring a seamless and user-centric experience.

## Leading Carriers

AirSola is proud to work with major carriers and use their networks, providing users with access to reliable and high-speed networks globally. As of our launch, AirSola users will have seamless connectivity through almost a 100 different carriers, some of the most known carrier partners: Verizon, T-Mobile, O2, Three, KDDI, SoftBank, A1, Drei, BELL, Rogers, Orange, SFR, Bouygues Telecom, Movistar, Telia, China Unicom

## Access to 5G Networks

AirSola users will enjoy the added advantage of accessing cutting-edge 5G networks through our carrier partners when available. This ensures an enhanced and future-proofed connectivity experience, especially for data-intensive applications.

## 4G

In case 5G is not available our customers will be able to access 4G.

LTE or 4G is offered in all of these countries:

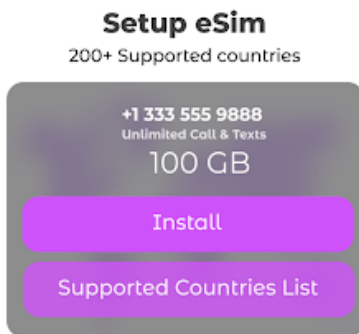
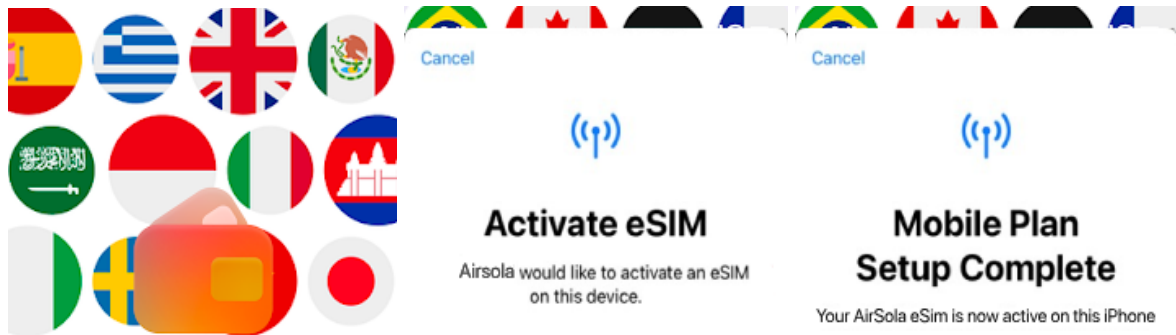
United States, Germany, Albania, Antigua and Barbuda, Saudi Arabia, Argentina, Armenia, Australia, Austria, Barbados, Belgium, Bermuda, Brazil, Bulgaria, Cambodia, Canada, Qatar, Chile, China, Cyprus, Vatican City, Colombia, South Korea, Costa Rica, Croatia, Denmark, Ecuador, El Salvador, United Arab Emirates, Slovakia, Slovenia, Spain, Estonia, Philippines, Finland, Fiji, France, Ghana, Gibraltar, Grenada, Greece, Guadeloupe, Guatemala, French Guiana, Guernsey, Guyana, Honduras, Hong Kong, Hungary, India, Indonesia, Ireland, Isle of Man, Iceland, Faroe Islands, Turks and Caicos Islands, Israel, Italy, Jamaica, Japan, Jersey, Kazakhstan, Latvia, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Malaysia, Malta, Martinique, Mayotte, Mexico, Moldova, Monaco, Mongolia, Montenegro, Montserrat, Mozambique, Myanmar, Nicaragua, Norway, New Zealand, Netherlands, Panama, Paraguay, Peru, Poland, Portugal, Puerto Rico, United Kingdom, Czech Republic, Democratic Republic of Congo, Réunion, Romania, Russia, Samoa, Saint Kitts and Nevis, San Marino, Saint Lucia, Serbia, Singapore, Sri Lanka, South Africa, Sweden, Switzerland, Suriname, Thailand, Taiwan, Tanzania, Trinidad and Tobago, Turkey, Uruguay, Vanuatu, Vietnam.

## Expanding Network Coverage

Our commitment to providing extensive network coverage doesn't end here.

AirSola is actively working on partnerships with additional carriers, and users can expect more exciting announcements as we continue to broaden our alliances.

## 4. Install the eSim Easily

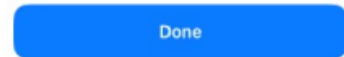


Install

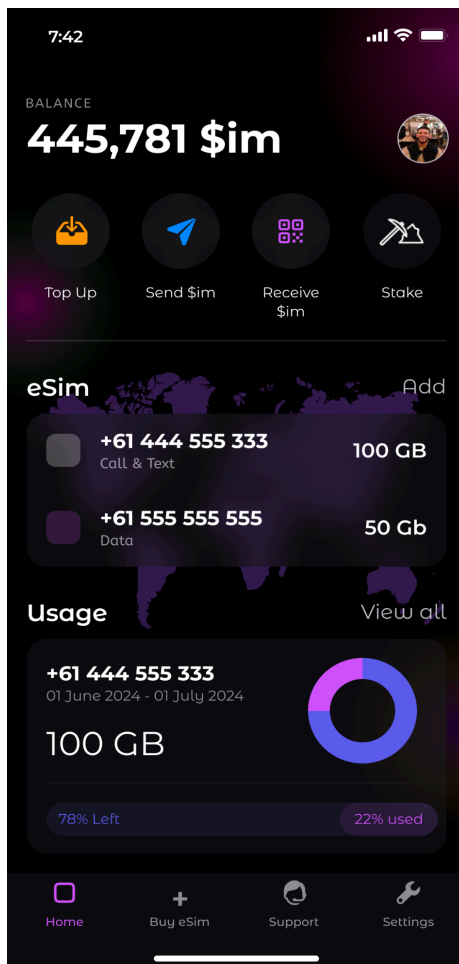
Once installed you are ready to use your data, call and text



Activate



And your Done



Access our app to

- Send \$IM tokens
- Receive \$IM tokens
- Stake \$IM
- Check your usage
- Add Data
- Delete an eSim
- Choose a package
- Contact our support
- Buy an eSim
- Transfer your phone number
- Access the Number Marketplace
- Access the Marketplace once available
- Change your Settings
- Verify which country is supported
- Check where 5G is available
- Check where 4G is available

# 5. Roadmap

## **Q1-Q4 2023: Project Inception**

Research and Planning: In-depth market research and strategic planning for AirSola's global connectivity platform.

## **Q1-Q2 2024: Technical Development Kickoff**

eSIM Technology Development: Commence the development of AirSola's eSIM technology.

App Development

Smart Contract Development

## **Q2-Q3 2024: Prototype Testing**

eSIM Prototype: Begin testing the functionality and compatibility of the eSIM in our prototype app

## **Q2: \$IM Token Lunch**

## **Q3 2024: Beta Launch**

Beta Launch to users in selected regions

Staking of Sim tokens will also be offered

## **Q4: Official Launch**

Worldwide launch of our App and our eSim will be sold worldwide

## **Q4 2024: Phone Marketplace Launch Preparation**

Launch of the phone marketplace

Cryptocurrency Payment Integration

## **Q1 2025: Phone number Marketplace**

Launch of the phone number marketplace

## **Q4 2025: Network Expansion and integration of our own equipment**

Expand connectivity by starting to use our own equipment in voted regions in needs

## 6. Tokenomics

### SIM Token Details

The SIM token serves as the utility and governance token within the AirSola ecosystem. With a capped total supply of 450,000,000 SIM. One SIM token is needed to generate a new eSIM and to be able to use our network.

## 7. Staking Mechanism

### Staking Sim Token

Staking serves multiple purposes within the AirSola ecosystem, providing governance participation opportunities, and rewarding loyal customers. AirSola's staking mechanism is governed by a smart contract on the Solana blockchain. Users can lock their SIM tokens for a duration of 7 days, with rewards distributed based on the staked amount and duration.

### Rewards and Incentives

A comprehensive reward structure encourages long-term staking, with additional SIM tokens distributed as rewards. Users also gain governance participation rights and increased voting power in proportion to their staked amount.

### Governance Participation

Integrating stakers into the decision-making process for the AirSola ecosystem ensures a decentralized and community-driven platform.

Proposal Submission: Stakers can submit proposals for ecosystem improvements.

Voting Rights: Stakers have voting rights on proposals

### Flexible Staking and Unstaking

Users have flexibility in entering and exiting the staking pool, with options for instant staking and partial unstaking after the lock-up period.

Instant Staking: Stake instantly without additional waiting periods.

Partial Unstaking: Unstake a portion of tokens without losing all rewards.



## Feedback Mechanism

Establish channels for user feedback to iterate and improve the staking mechanism and the quality of service

1. Feedback Surveys to Stakers: Conduct a survey every epoch to gather user opinions on the staking experience, the network and the platform.
2. Community Forums: Launch of the forum for users to discuss and share insights.

# 8. Marketplace

## 21.1 Introduction

As part of our commitment to providing utility and convenience to solana users, AirSola is excited to introduce a phone and electronics marketplace. This marketplace will offer a curated selection of smartphones, including popular brands and we will get in contact with blockchain phone manufacturers to partner with them.

## 21.2 Crypto-Only Payments

To align with our blockchain-centric approach, the phone marketplace will exclusively accept cryptocurrency payments. This ensures a seamless and secure transaction process for our users, and adds utility to the solana ecosystem.

## Supported Cryptocurrencies

AirSola's electronic marketplace will accept a range of cryptocurrencies, providing flexibility for users to choose their preferred digital assets for making purchases.

Supported cryptocurrencies include but are not limited to:

- SIM Token (SIM)
- Bitcoin (BTC)
- Ethereum (ETH)
- Solana (SOL)

## Ordering Process

Placing an order for a smartphone through the AirSola phone marketplace is designed to be straightforward:

1. Browse and Select
2. Cryptocurrency Payment (SIM, BTC, ETH, SOL available)
3. Delivery and Tracking: Once the order is confirmed, users can track the status of their shipment through the AirSola app

## 9. Number Portability

AirSola recognizes the importance of preserving the continuity of communication for our users. To enhance user convenience, we will offer Number Portability, allowing individuals to seamlessly transfer their existing phone numbers to AirSola's services.

### How It Works

1. User Initiation: Users interested in porting their existing numbers to AirSola initiate the process through the AirSola app.
2. Verification: To ensure security and compliance, a verification process is implemented to confirm the user's ownership of the phone number.
3. Carrier Coordination: AirSola collaborates with the user's current carrier to facilitate the smooth transition of the phone number to our platform.
4. Notification: Users are notified once the number porting process is successfully completed, ensuring a seamless switch to AirSola's global connectivity.

### Benefits

**Continuity of Service:** Users can retain their current phone numbers, ensuring uninterrupted communication with family, friends, and colleagues.

**Global Connectivity:** Experience the enhanced features of AirSola's eSIM services with the convenience of your existing phone number.

## Availability

Number Portability will be made available to users on a region to region basis, providing a valuable option for those seeking to integrate AirSola's services into their lifestyle.

## 10. Premium Phone Numbers Marketplace

AirSola introduces a unique marketplace for premium phone numbers. Users can choose exclusive and personalized phone numbers, buy existing phone numbers from users wishing to change theirs. Have their phone number transferred to AirSola and then start a bidding war in case they judge their number is special or simply close their line and have it sold. This feature offers a dynamic and user-centric approach to acquiring and customizing phone numbers within the AirSola ecosystem. The SIM token will be used on the Premium Phone Numbers Marketplace (Number market) to buy, sell and bid on numbers.

## Conclusion

The AirSola whitepaper outlines a comprehensive strategy for revolutionizing global connectivity through innovative eSIM solutions, blockchain technology, strategic partnerships, a dynamic staking mechanism, and unique features such as a one-for-all eSIM and a marketplace for premium phone numbers. By prioritizing user experience, security, and inclusivity, AirSola aims to shape the future of universal and accessible data connectivity.