

\$ ZLNC - Powering the Next Gen Super App: Transforming a \$39 Billion Opportunity into Digital Commerce Mastery

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Welcome to ZELEN Systems

Step into a new era of commerce—a transformative leap that redefines how a \$39 billion industry transacts and thrives. Imagine an ecosystem where every transaction is powered by digital assets and anchored by the industry's very own digital utility, \$ZLNC. This isn't just an upgrade; it's a radical shift from a cashdependent, inefficient framework to a streamlined, secure, and cost-effective digital future.

1.1 The Vision

Picture the ZELEN Systems NEXT-GEN super app as the ultimate digital enabler—an all-in-one platform that blends the best of fintech and business solutions. Think Google and Apple Pay's seamless transactions, Shopify's robust eCommerce, the peer-to-peer ease of Cash App and Venmo, the delivery efficiency of Grubhub and Uber Eats, and the connectivity of Snapchat and WhatsApp—all fused into one supercharged transactional powerhouse.

Whether integrating with existing point-of-sale systems or operating as a standalone engine, our platform transforms outdated and risky cash handling into a flawless digital experience. At its heart is \$ZLNC, the native token that, alongside BTC, ETH, and USDT, drives real-world utility and empowers companies to process transactions at rates as low as 0.00%.



1.2 The Mission

In a sector burdened by regulatory exclusion and a cash-dependent economy—where 97% of 747 million annual transactions still rely on cash—the challenges are clear: soaring operational costs, heightened security risks, and fragmented systems that stifle growth. Our mission is to convert these challenges into strategic opportunities. By leveraging \$ZLNC and our next-gen wallet technology, we streamline payments, drastically reduce processing fees, and eliminate inefficiencies—paving the way for unprecedented growth in a market poised for digital transformation.

Enter ZELEN Systems and embrace the future of secure, cost-effective transactions.

Key Benefits for Stakeholders

For Consumers

- A comprehensive app that delivers a seamless, end-to-end purchasing experience
- Peer-to-peer transfers and exclusive rewards
- Support for traditional and digital payment methods (BTC, ETH, USDT, and \$ZLNC)
- Elimination of ATM trips and excessive fees for unmatched affordability and convenience

For Retailers:

- Industry-leading transaction fees as low as 0.00%
- Direct integration with POS systems for streamlined operations
- Secure FIAT conversions and automated cash flow management
- Robust marketing, delivery, and inventory management tools to boost profitability



Built on scalable BASE (Coinbase) infrastructure, \$ZLNC offers in some cases zero to near-zero transaction fees, exclusive rewards, and seamless asset transfers cementing its role as the industry's first true utility token.

Unlike speculative tokens, \$ZLNC drives real-world utility by powering ZELEN's innovative ecosystem. Drawing inspiration from Elon Musk's "Everything App" vision, ZELEN Systems combines blockchain innovation, self-custody security, and transformative payment solutions. With the scalability to integrate seamlessly with POS systems worldwide, we are poised not only to revolutionize the cannabis market but also to reshape the global landscape of digital commerce.











The Problem – Systemic Issues in the Cannabis Industry

The \$39 billion North American cannabis industry operates under an outdated financial framework that hinders growth and efficiency. With 97% of its 747 million annual transactions conducted in cash, the industry faces a range of systemic challenges:

2.1 Operational Inefficiencies

- **Exorbitant Costs:** Businesses incur high expenses due to cash handling, armored transport, and ATM fees.
- **Security Risks:** Large on-site cash reserves increase vulnerability to theft and fraud.
- Compliance Challenges: Manual bookkeeping heightens the risk of regulatory errors, complicating audits and compliance.

2.2 Financial Bariers

- Excessive Transaction Fees: High-risk merchant processors impose fees between 3.5% and 7%, squeezing profit margins.
- **Customer Costs:** Additional ATM fees—typically \$2–\$5 per withdrawal, plus bank surcharges—burden consumers.



2.3 Consumer Experience

- Inconvenience: The necessity to withdraw cash and pay multiple fees disrupts a smooth purchasing process.
- Lack of Incentives: Without integrated rewards, customer loyalty suffers, reducing repeat business.
- **Fragmented Systems:** Disjointed, inconsistent processes lead to a less satisfying and inefficient user experience.

2.4 Scalability Challenges

- Fragmented Ecosystem: The absence of unified payment and operational systems restricts industry-wide cohesion.
- **Limited Interoperability:** Current technologies fail to seamlessly connect retailers, manufacturers, and consumers.
- **High Operational Costs:** Relying on outdated systems inflates expenses and introduces logistical inefficiencies.
- **Structural Barriers:** Disparate platforms prevent scalable, streamlined operations that can adapt to evolving market demands.



3 Our Solution – Transforming the \$39B Cannabis Industry

ZELEN Systems offers a comprehensive, technology-driven solution that addresses these challenges by redefining payments, operational efficiencies, and customer experiences.

3.1 Technology-Driven Transformation

- Unified Ecosystem: Merges capabilities inspired by leading platforms from storefront integrations to seamless payments, peer-to-peer transfers, efficient delivery, and dynamic communication—into one cohesive solution.
- Innovative Wallet: The Next-Gen Transactional Super Wallet integrates with existing POS systems or operates autonomously, offering exceptional flexibility and efficiency.

3.2 \$ZLNC Utility Token

- Scalable Infrastructure: Built as a Layer 2 solution on BASE (Coinbase), \$ZLNC enables near-zero transaction fees, exclusive rewards, and smooth asset transfers.
- **Real-World Utility:** Unlike speculative tokens, \$ZLNC is designed to drive commerce by powering ZELEN's ecosystem and facilitating transactions.



3.3 Consumer Empowerment

- **Enhanced Convenience:** Provides an end-to-end purchasing experience that eliminates cash dependency and reduces ATM fees.
- **Integrated Rewards:** Built-in loyalty programs encourage repeat business and customer engagement.
- Flexible Payment Options: Supports both traditional payment methods and digital currencies, including BTC, ETH, USDT, and \$ZLNC.

3.4 Retailer Enablement

- Cost Efficiency: Offers some of the industry's lowest transaction fees.
- **Seamless Integration:** Direct POS connectivity combined with advanced marketing and inventory management tools streamlines operations.
- **Secure Financial Conversions:** Integrated systems ensure safe and efficient FIAT conversions.



4 Market Opportunity

The cannabis industry is poised for transformative growth, with revenues projected to exceed \$100 billion by 2030. Accelerating legalization, robust consumer demand, and expanding economic contributions create an untapped opportunity for technological innovation. Yet, persistent challenges—banking limitations, inefficient and security-risky cash transactions, and regulatory barriers—have stifled its full potential. Leveraging cutting-edge technology alongside the \$ZLNC utility token (in tandem with BTC, ETH, and USDT), ZELEN Systems is uniquely positioned to deliver the transactional support and unified technology solution the industry urgently needs.

4.1 Key Market Metrics

Key Metric

2025 Estimated Revenue:

Projected Revenue by 2029

Viable Competitors with Crypto Specific Utility

Combined Annual Growth Rate (CAGR)

Annual Retail Customers

Retail Dispensaries

States Legalized

2024 U.S. Economy Contribution

U.S. Agriculture Ranking

Full-Time Employment

Cannabis Product Manufacturers

Cannabis Cultivators

Americans Engaged with Cannabis Products

Employment Projections (2026)

Data

\$50 Billion

\$100 Billion

0 = ZERO

14.87%

144 Million

Total: 14,856

40

\$115.2 Billion

6th Most Valuable Crop

440,445 Jobs

8,264

28,664

15%

Surpassing U.S. Manufacturing Jobs



cannabiz media



5 Competitive Analysis

Traditional payment and technology solutions in the cannabis sector have long been hampered by inefficient cash processes, high transaction fees, fragmented and oversaturated technology systems. Our competitive analysis identifies these persistent gaps and demonstrates how ZELEN Systems—through its unified, secure, and cost-efficient platform—effectively overcomes these challenges to set a new industry standard.

5.1 Limitations of Existing Solutions

Legacy POS and Cash-Driven Systems:

- **Inefficiency:** Manual cash handling and outdated POS systems result in high operational costs and increased security risks.
- Lack of Integration: These systems do not offer seamless digital payment options, limiting scalability and consumer convenience.

Fragmented Crypto Initiatives:

- **Incomplete Ecosystems:** Many early blockchain projects in the cannabis space have failed to provide a cohesive solution that integrates payments, rewards, and operational tools.
- **Limited Adoption:** Without a unified approach, these initiatives struggle to achieve the critical mass needed for real-world utility.



5.2 ZELEN Systems' Competitive Advantages

Unified Ecosystem:

 Combines traditional payment methods with crypto assets—including \$ZLNC, BTC, ETH, and USDT—into a single, integrated platform.

Cost Efficiency:

• Leverages scalable BASE (Coinbase) infrastructure to enable near-zero transaction fees, significantly reducing operational costs compared to conventional systems.

Enhanced Security and Compliance:

 Employs blockchain technology to mitigate fraud and streamline regulatory compliance, addressing key vulnerabilities in legacy systems.

Comprehensive Operational Tools:

 Offers an end-to-end solution that includes integrated rewards, inventory management, and HR/payroll functionality, fostering overall efficiency across the value chain.



Platform & Technology Overview

ZELEN Systems is engineered to transform cannabis commerce by seamlessly integrating advanced blockchain protocols with traditional payment systems. Our platform delivers near-zero transaction fees, robust security, and scalable efficiency all while offering a comprehensive suite of features tailored to the industry's unique needs.

6.1 Feature-Rich Platform

ZELEN Systems' platform is engineered to address the unique challenges of the cannabis industry through a robust suite of advanced features. By integrating native token support with a multi-currency payment system, a unified payment gateway, direct retailer-to-customer transactions, and automated financial management, our solution optimizes efficiency, reduces costs, and enhances security. Complementary capabilities—including seamless peer-to-peer transfers, rigorous compliance protocols, integrated communication, dynamic eCommerce tools, and smart delivery solutions—further reinforce our ecosystem. Collectively, these features establish a comprehensive framework that empowers businesses and consumers, setting a new standard for cannabis commerce.

1: \$ZLNC: The Cannabis **Industry's Native Currency**

Optimized for cannabis transactions, built on BASE for efficiency and scalability.

2: Multi-Currency Payment **System**

Supports seamless payments with BTC, ETH, USDT, \$ZLNC, credit/ debit cards, and gift cards.



3: Unified Payment Gateway (In-Store & Online)

Enables online and in-store payments with crypto, FIAT, and alternative payment methods, reducing merchant fees to as low as 0.50%.

5: Automated Banking & **Settlements for Retailers**

Auto-deposit settings streamline financial management, with instant alerts and accounting software integration.

7: Compliance, KYC & AML Security

Automated identity verification, financial compliance, and anti-money laundering (AML) protocols.

9: eCommerce & Retail **Integration**

Seamless POS integration, realtime product tracking, and regulatory compliance for online & in-store purchases.

11: Customer Rewards & **Loyalty Programs**

Retailers can implement custom rewards programs, including instant peer-to-peer rewards transfers.

4: Direct Retailer-to-**Customer Transactions**

Retailers can accept direct payments without a POS system, ensuring operational redundancy even during outages.

6: Peer-to-Peer (P2P) Fund **Transfers**

Instant, secure transactions similar to Cash App & Venmo, with in-wallet funds available for cannabis purchases.

8: Secure Integrated Chat **System**

Encrypted peer-to-peer communication between retailers, customers, and business partners.

10: Cannabis Delivery Redefined

Uber Eats/Grubhub-style geotargeted delivery system, ensuring secure, KYC-verified transactions.

12: Gift Card System

Instant, secure transactions similar to Cash App & Venmo, with in-wallet funds available for cannabis purchases.



13: Business-to-Customer(B2C) Marketing Suite

Automatically adapts app features based on user location, ensuring compliance with state cannabis laws.

15: Smart Geo-Fencing for Regulatory Compliance

Automatically adapts app features based on user location, ensuring compliance with state cannabis laws.

17: Analytics & Market Intelligence Controls

Real-time analytics deliver actionable insights on sales trends and customer behavior, empowering datadriven decisions.

4: Direct Retailer-to-Customer Transactions

Retailers can accept direct payments without a POS system, ensuring operational redundancy even during outages.

16: Banking Control Center with FIAT Conversion

An integrated banking hub enabling seamless FIAT conversion with auto deposit scheduling—using fixed or percentage-based amounts—to optimize cash flow.



6.2 Our API & Scalability

Instant Connectivity: Whether a retailer is using Dutchie, BLAZE, Flowhub, Dutchie, or any other major POS provider, ZELEN Systems integrates effortlessly, eliminating technical barriers to adoption.

Real-Time Inventory & Transaction Sync: Transactions are automatically linked to inventory management, ensuring smooth order processing and compliance reporting.

HR & Payroll Integration: Employees can receive salaries in \$ZLNC or other supported digital assets, further enhancing the financial ecosystem.



6.3 Flexible Transaction Models: POS Integration Optional

While ZELEN Systems provides seamless API connectivity for those who prefer it, integration is not required for retailers or customers to transact. Our self-custody digital wallet allows businesses to accept payments without relying on traditional POS systems. This 1-to-1 transaction model creates an open and flexible environment that makes seconds to set up.

- Customers and retailers interact directly without intermediaries.
- Businesses can reduce reliance on expensive third-party processors.
- All transactions remain secure, compliant, and instant.
- All the benefits of the rewards system.
- Retailers can be up and running is minutes.



6.4 Smart Contract Architecture & Security Protocols

At the heart of the ZELEN Systems architecture lies a suite of modular, audited smart contracts sourced from industry-leading open-source libraries. Combined with our breakthrough functionality and superior user experience, these components form the backbone of our wallet technology, the \$ZLNC token, and overall platform security. Each contract is selected for its proven reliability, vetted use cases, and adoption in high-profile projects—all referenced from a specific, stable release (v4.8.0) to ensure consistency and trust. \$ZLNC is deployed on the BASE network, harnessing its scalability and efficiency to support our growing ecosystem.

l: ERC20.sol

Purpose: Implements the fundamental ERC20 token standard that governs basic functions—such as transferring tokens and managing balances—for \$ZLNC.

- Widely adopted across thousands of projects.
- Actively maintained and extensively audited.

2: ERC20Capped.sol

Purpose: Enforces a maximum supply of 888,888,888 tokens to prevent minting beyond the cap.

- Commonly used in projects requiring fixed supply.
- Extensively reviewed and audited

3: ERC20Pausable.sol

Purpose: Allows administrators to pause token transfers in emergency situations, protecting the ecosystem.

- A critical security feature in many high-stakes projects.
- Its pausing mechanism has been thoroughly tested in various audits.



4: ERC20Snapshot.sol

Purpose: Records token balances at specific moments for allocation verification and historical analysis.

- · Widely used in projects requiring transparent balance tracking, dividend distributions, or airdrops.
- Thoroughly audited and part of the standard OpenZeppelin extensions.

5: AccessControl.sol

Purpose: Provides a role-based permission system to restrict sensitive operations (like minting and pausing) to authorized addresses.

- Integral to high-profile projects that require robust permission management.
- Its modular design has been proven in numerous applications.

6: ReentrancyGuard.sol

Purpose: Prevents recursive calls during critical operations, thereby safeguarding against reentrancy attacks.

- Essential for security in decentralized finance protocols (utilized by Uniswap).
- Its simple, effective design has been validated in multiple audits.

7: SafeERC20.sol

Purpose: Wraps standard ERC20 operations to ensure that any failure causes the transaction to revert, preventing partial state changes.

- An essential library for safely handling token transfers.
- Widely used and community-verified.

8: VestingWallet.sol

Purpose: Enables token vesting for a designated beneficiary, ensuring that tokens remain locked for a specified period and are then gradually released. This is critical for managing the lock-up and gradual release periods for founders and early investors.

- Widely adopted in various high-profile projects.
- Provides transparency and automation for vesting schedules, aligning long-term interests.



7

Tokenomics - ZELENomics

\$ZLNC isn't just a utility token—it's the backbone of a revolutionary cannabis commerce ecosystem. Far beyond a mere exchange ticker, \$ZLNC fuels the ZELEN "Super Wallet," enabling seamless, scalable, and cost-efficient digital transactions. Engineered for real-world utility, \$ZLNC empowers businesses and consumers by offering enhanced transactional capabilities, robust rewards, and strategic incentives that drive both immediate utility and sustained long-term value.

7.1 Distribution & Total Supply

Total Supply - 888,888,888





7.2 Vesting & Lock-up Periods

To ensure long-term stability and alignment of interests, \$ZLNC follows a structured vesting and lock-up period for both founders and early participants.

- Founders & Core Team: All founding team members are subject to a 365-day lock-up period, beginning from the first official token offering. No tokens can be sold or transferred during this time.
- Pre-Sale & First Token Offering Participants: Accredited investors and pre-sale buyers are also subject to a 365-day holding period from the date of purchase.

7.3 Gradual Release Post-Lock-Up

After the initial 365-day lock-up period, tokens unlock gradually according to a structured release schedule—typically distributed monthly over a 12- to 24-month period.

This phased release is managed via our industry-standard VestingWallet.sol contract, ensuring automated, transparent token distribution to minimize market volatility and bolster investor confidence.

7.4 Rewards & Bonuses

Early adopters receive additional \$ZLNC tokens as an incentive, with bonus ranges structured by purchase volume:

\$1,000 - \$5,000: 5% bonus; \$5,001 - \$20,000: 7% bonus

\$20,001 - \$50,000: 10% bonus; Over \$50,000: 12% bonus

Bonuses are instantly credited upon purchase and can be used for ecosystem transactions, like buying cannabis products, offering immediate utility.



8 Governance

Robust governance is a cornerstone of the \$ZLNC and ZELEN ecosystem, ensuring that stakeholders have a transparent and direct role in shaping our platform's evolution.

Our framework empowers both consumers and businesses to vote on key proposals—such as new feature integrations, suggested partnerships and fee adjustments.

8.1 Vesting & Lock-up Periods

\$ZLNC token holders are granted the right to vote on important proposals that affect the platform's direction. Voting power is directly proportional to the number of tokens owned, with a minimum threshold of approximately 8,889 \$ZLNC tokens (0.001% of the total supply) required to participate. This threshold ensures that only engaged and significant stakeholders influence decisions.

8.2 Token Holder Rights

\$ZLNC token holders are granted the right to vote on important proposals that affect the platform's direction. Voting power is directly proportional to the number of tokens owned, with a minimum threshold of approximately 8,889 \$ZLNC tokens (0.001% of the total supply) required to participate. This threshold ensures that only engaged and significant stakeholders influence decisions.

8.3 On-Chain Voting & Quarterly Feature Proposals

\$ZLNC holders can vote on key proposals, with voting power based on holdings. A minimum of 8,889 \$ZLNC (0.001% of supply) is required to participate, ensuring meaningful stakeholder influence.



9

Meet Our Visionary Team

The Architects of Innovation at ZELEN Systems

ZELEN Systems is led by visionaries, innovators, and industry disruptors with expertise spanning fintech, blockchain, cybersecurity, and enterprise technology. Our leadership team has engineered game-changing financial platforms, secured high-profile acquisitions, and pioneered breakthroughs in payments, marketplace technology, point-of-sale systems, and digital commerce.









At the forefront is AJ Perrin, a serial entrepreneur with multiple successful ventures and exits, including a major acquisition by LiveNation/Ticketmaster. Supported by elite strategists, blockchain experts, and security architects, our team brings experience from LiveNation, Microsoft, ESPN Bets, Electronic Arts, Sony Music, Blue Pallet, and more—companies that have shaped the global digital economy.



AJ Perrin
CEO – Co Founder
Linked in



A trailblazing entrepreneur and visionary leader, AJ Perrin has built and scaled multiple successful ventures, leading to high-profile acquisitions, including a major exit toLiveNation/Ticketmaster.

A seasoned blockchain investor and strategist, Serge has identified and driven growth for top Web3 projects, ensuring \$ZLNC delivers real-world utility at scale.





Michal Unzeitig Chief Technology Officer

Linked in

Distinguished CTO and former lead software engineer at Ticketmaster, with 15 years of fintech innovation and strategic leadership expertise.



Robert (Bob) Fish Director of Security

Linked in

A world renowned cybersecurity expert with over 20 years of experience, Bob has led security architecture at Microsoft, Sony Music, Electronic Arts, and T-Mobile.



Sindre Rønningen Director of Design

Linked in

An award-winning design visionary, Sindre has led brand and UX design for Fortune 500 companies, creating innovative digital experiences in fintech and commerce.



9.1 Introducing Our Elite Advisory Board

ZELEN Systems is backed by an elite advisory board of blockchain pioneers who have shaped the global digital asset landscape. With experience spanning multi-billion-dollar crypto projects, decentralized finance, and Al-driven technologies, our advisors provide unmatched strategic guidance to ensure \$ZLNC's success.

Their expertise has been instrumental in launching and scaling some of the most influential blockchain projects, including The Graph, EOS, Tezos, and SingularityNET, collectively driving over \$5 billion in market capitalization. With a deep understanding of token economies, regulatory landscapes, and scalable blockchain infrastructure, our advisory team strengthens ZELEN's position as the next breakthrough in digital commerce.



CoinMarketCap



CoinMarketCap



CoinMarketCap



David Orban Principal Advisor

Linked in

David has played a pivotal role in blockchain and AI innovations, advising projects with a combined market cap of over \$4 billion.



Brad YasarDigital Assets
Pioneer

Linked in

Global blockchain expert, CEO of EQIFI with 30 years of entrepreneurship. Co-founder of Blockchain Investors Consortium (\$5B). Advisor to billion-dollar token sales & crowd raises.



10 Business Revenue Streams

ZELEN Systems is redefining digital transactions in the cannabis industry through a multi-faceted revenue model that creates mutual benefits for businesses and consumers. Our technology is designed to eliminate traditional payment barriers, reduce costs, and open new monetization channels while ensuring businesses maintain control over their financial ecosystem.

To preserve the strategic advantage of our business model, the following overview highlights broad revenue categories without revealing proprietary methodologies. These streams position ZELEN Systems for long-term scalability and financial sustainability in the evolving cannabis fintech space.

10.1 Business Solutions

Our suite of business solutions is designed to empower enterprises by leveraging ZELEN's cutting-edge wallet technology as a fully branded, integrated payment ecosystem. These solutions are tailored for major retailers, multi-state operators, and industry partners, enabling streamlined transactions and optimized revenue generation.

1. White-Label Solutions

- Businesses leverage ZELEN's wallet technology as a fully branded payment ecosystem, eliminating the need for third-party processors.
- This enterprise-grade solution is tailored for major retailers and MSOs, providing an end-to-end financial infrastructure.
- Revenue Model: Licensing fees, subscription-based pricing, and per-transaction fees.



2. Transaction Fees & Peer-to-Peer Transfers

- The ZELEN Wallet facilitates low-cost, high-efficiency transactions between consumers and businesses.
- Unlike conventional banking fees ranging from 3.5% to 5%, our proprietary
 transaction structure ensures businesses save substantially while maintaining
 liquidity with fees as low as 0.00% in perpetuity.
- Revenue Model: Per-transaction fees on retail purchases, merchant services, and
 P2P transfers at an optimized rate.

3. Fiat Conversion & Crypto On/Off Ramps

- Seamless crypto-to-fiat conversion within the wallet enables businesses and consumers to transact without reliance on traditional exchanges.
- Direct conversion from BTC, ETH, USDT, and \$ZLNC into fiat eliminates third-party processing fees and ensures instant liquidity.
- Revenue Model: Competitive conversion spreads + service fees for on/off-ramp transactions.

4. Integrated Marketplace, Storefront, & Delivery Network

- The **ZELEN Marketplace** enables stores to **sync inventory** dynamically, similar to platforms like **Shopify** coupled with **Uber Eats or DoorDash**.
- Real-time price optimization based on inventory levels, demand, and local market factors enhances business profitability.
- Revenue Model: Dynamic pricing adjustments + transaction markups + delivery fees.



5. Targeted B2C Marketing & Geo-Targeted Promotions

- Businesses can launch precision-targeted promotions within the app,
 leveraging geo-fencing and direct SMS marketing.
- Integrated chat-based advertising allows instant engagement, driving increased conversion rates.
- Revenue Model: Pay-per-campaign fees + premium positioning for in-app promotions.

6. Data Monetization & Market Intelligence

- ZELEN collects and analyzes non-identifiable transactional data, offering valuable purchasing trend insights to businesses.
- Retailers receive free local market intelligence, while national industry data is available as a paid service.
- This intelligence benefits cultivators, manufacturers, and distributors seeking real-time consumer demand insights.
- Revenue Model: Paid access to analytics dashboards & industry reports.

7. Payroll Integration & Payroll Advancements

- Through HR software integration, businesses can facilitate payroll deposits and employee cash advances directly within the wallet.
- Connected off-ramp banking infrastructure enables seamless withdrawals and salary disbursements.
- Revenue Model: Payroll processing fees based on the number of disbursements.



Legal and Regulatory Compliance

The evolving regulatory landscape presents significant challenges for cannabis businesses, particularly in financial transactions. ZELEN Systems is strategically positioned to not only comply with these regulations but to offer a sustainable, long-term financial solution through \$ZLNC. Our compliance framework ensures that businesses using the ZELEN Wallet are protected from unnecessary financial risks while benefiting from the efficiencies of blockchain technology.

11.1 Utility Token Classification

\$ZLNC is designed as a utility token, not a security. Unlike securities that derive value from external sources, \$ZLNC provides intrinsic utility within the ZELEN ecosystem—powering transactions, rewards, and financial services without acting as an investment vehicle.

Our token structure follows established legal precedents for utility tokens, similar to those classified under the Howey Test, ensuring regulatory clarity. Additionally:

- No Expectation of Profits: \$ZLNC is a transactional token, meaning holders use it for payments and ecosystem benefits, not passive investment gains.
- Functional Use Case: \$ZLNC facilitates seamless cannabis transactions, including P2P payments, retailer purchases, and payroll disbursements.
- No Common Enterprise Dependency: \$ZLNC's value is not reliant on external corporate profits but rather on real-world utility and adoption.

By maintaining this clear classification, \$ZLNC reduces the likelihood of being subject to securities regulations, which would otherwise create unnecessary compliance burdens for businesses and users.



11.2 Regulatory Adherence

Our regulatory strategy is built on proactive compliance with state and federal financial laws while anticipating future legislative changes, such as the SAFE Banking Act.

Current Compliance Measures

- Know Your Business (KYB) and Know Your Customer (KYC) Protocols: Ensuring that both businesses and consumers onboarded into the ZELEN Wallet meet identity verification standards.
- Anti-Money Laundering (AML) Compliance: Adhering to strict AML protocols in alignment with Bank Secrecy Act (BSA) requirements to prevent financial fraud
- Tax Reporting & Transaction Transparency: Providing fully auditable transaction logs that enable businesses to maintain compliance with state tax laws and reporting requirements.

The SAFE Banking Act and Its Implications

Once passed, the SAFE Banking Act is expected to federally recognize cannabis businesses, allowing them to engage with traditional financial institutions. However, this recognition will likely come with heavy regulatory costs:

- Merchant processing fees projected between 3.8% to 4.5%.
- Increased scrutiny on compliance with FinCEN and federal banking laws.
- Heightened restrictions on transactions and cross-border payments.

\$ZLNC bypasses these high costs by offering a blockchain based financial ecosystem with near-zero transaction fees-positioning itself as a sustainable alternative for businesses wary of excessive regulatory fees.



11.3 Jurisdictional Considerations

Cannabis regulations vary across jurisdictions, requiring adaptable financial solutions that comply with local and national laws. ZELEN Systems' legal framework ensures that:

- Transactions are geo-fenced to comply with state-level cannabis laws.
- On- and off-ramp banking integrations align with state and federal reporting requirements.
- Multi-jurisdictional adaptability allows \$ZLNC to scale as federal and international laws evolve.

Additionally, ZELEN Systems does not facilitate transactions in jurisdictions where cannabis commerce is illegal, ensuring that businesses operating within compliant regions can confidently adopt our technology.

Preparing for a Regulated Future

As cannabis laws shift toward full federal recognition, ZELEN Systems remains agile and ready to adapt to a regulated environment. Our blockchain-based solution ensures:

- Seamless regulatory transition when federal banking restrictions change.
- Future-proof compliance through smart contract adaptability and onchain transparency.
- Security and legitimacy by operating within legally sound frameworks.

By embracing regulatory adherence while providing an efficient, low-cost financial infrastructure, ZELEN Systems establishes itself as the leading financial technology solution for the cannabis industry—offering businesses stability, security, and sustainable growth.



12 Milestones and Roadmap

Our roadmap outlines the strategic journey of ZELEN Systems—from accomplished milestones to current initiatives and future objectives. Each phase reflects our commitment to innovation, regulatory excellence, and market expansion in the evolving cannabis fintech space.

Completed Milestones

- > Identify Business Barriers
- Identify Legal Hurdles
- > Business Plan Development
- > Build Executive Team
- Assemble Dev Team
- Identify Revenue Streams
- > Seed Round
- > Develop Roadmap Development
- > Complete Blockchain Development
- > Test Prototype ZELEN Wallet (v. 1.2)
- > Website Development
- Complete PLAID Integration
- > Publish API Documentation
- > Social Networking Accounts
- Identify Strategic Partners
- > Internal Testing w/ Industry Insiders

Current Initiatives

- > Launch Website
- > Cannabis Industry Announcement
- > Strategic Partners (ZLNC) Allocation
- > Strategic Investors (ZLNC) Allocation
- > File Appropriate Licenses
- > Update API Documentation
- > Release Wallet Functionality Videos
- > Publish Whitepaper
- > Current Exclusive Pre-Sale 02/02/25
- > Identify DUO Start Date
- > (ZLNC) Release on DEX
- > Begin Point-of-Sale Integration
- > Begin Payroll Software Integration
- > Finalize App Development
- > Release on App Stores
- > Direct B2C Testing with Retailers



Upcoming Objectives

- > Transaction Speed Optimization
- > Expand into other Industries
- > Worldwide (ZLNC) Announcement
- > Blend Partner Technologies
- > (ZLNC) Centralized Exchange Launch
- > Release Point-of-Sale Integration
- > Release Payroll Software Integration
- > Release Retailer (mini POS)
- > File all Government Licenses
- > Expand into Canada
- > Expand into Europe
- > Expand into Thailand



13 Risks and Mitigation

ZELEN Systems operates at the intersection of crypto, fintech, and the legal cannabis—industries with evolving regulations, financial hurdles, and security concerns. Below, we outline key risks and the strategic measures in place to mitigate them effectively.

13.1 Potential Risks & Challenges

Regulatory Uncertainty

Cannabis laws vary widely, and future regulations could impact digital payments and token usage.

- Risk: Evolving compliance requirements, potential classification changes.
- Mitigation: \$ZLNC is structured as a utility token, not a security, with geo-fencing to
 ensure compliance in legal jurisdictions. This "risk" is highly reduced with the new
 Trump administration.

Banking & Payment Restrictions

High-risk classification results in limited banking access and steep transaction fees (3.5%–4.5%).

- Risk: Restricted financial services, reliance on traditional banks.
- Mitigation: The ZELEN Wallet eliminates banking dependencies with direct cryptoto-fiat conversions and self-custody.



Security & Fraud

Digital payments face hacking risks, smart contract vulnerabilities, and fraud attempts.

- Risk: Cyber threats, identity fraud, unauthorized access.
- Mitigation: Multi-Party Computation (MPC) ensures no single point of failure, with real-time fraud detection and OpenZeppelin-vetted smart contracts.

Adoption & Market Resistance

Shifting from cash-based transactions requires consumer and merchant buy-in.

- Risk: Restricted financial services, reliance on traditional banks.
- Mitigation: The ZELEN Wallet eliminates banking dependencies with direct cryptoto-fiat conversions and self-custody.

Scalability & Operational Stability

High transaction volume demands a robust, fail-proof infrastructure.

- Risk: Technical downtime, blockchain congestion, or third-party reliance.
- Mitigation: Built on BASE (Coinbase) for speed and efficiency, with redundant failsafes ensuring zero downtime.



13.2 Mitigation Strategy: Turning Risks into **Strengths**

- Regulatory Agility: Geo-fenced transactions ensure compliance, and \$ZLNC maintains utility token status.
- Banking Independence: The ZELEN Wallet bypasses banking restrictions, enabling seamless crypto-to-fiat off-ramps.
- Military-Grade Security: MPC, fraud detection, and decentralized smart contracts prevent hacks and unauthorized access.
- Adoption Acceleration: Merchant incentives, consumer rewards, and instant POS integrations drive widespread use.
- Scalable Infrastructure: BASE blockchain ensures low-cost, high-speed transactions, with built-in failover protection.

By embracing regulatory adherence while providing an efficient, low-cost financial infrastructure, ZELEN Systems establishes itself as the leading financial technology solution for the cannabis industry—offering businesses stability, security, and sustainable growth.



14.2 Revenue Category Overviews

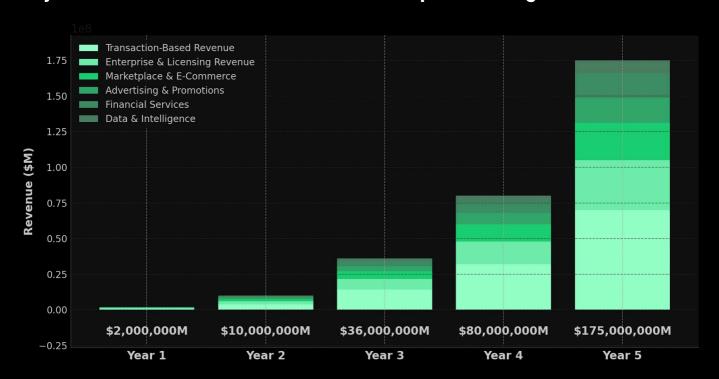
ZELEN Systems is built on a scalable, multi-revenue model that grows with business adoption and consumer engagement. Our financial projections outline how revenue is generated across key verticals—transaction fees, enterprise licensing, marketplace activity, advertising, financial services, and data intelligence. As adoption scales, ZELEN creates a network effect that strengthens platform sustainability and business value. The following section details our projected financial growth, providing a clear roadmap for long-term scalability and market impact.

- Transaction-Based Revenue: Generated from processing payments with low transaction fees, providing businesses with cost-effective solutions.
- Enterprise & Licensing Revenue: White-label solutions and SaaSbased wallet integrations provide recurring revenue from retailers and businesses.
- Marketplace & E-Commerce: Revenue comes from fees on transactions within the marketplace, including product purchases and logistics.
- Advertising & Promotions: Businesses pay for targeted advertising, premium placement, and promotions within the ZELEN ecosystem.
- **Financial Services:** Banking integrations, payroll services, and financial products generate stable revenue through partnerships and fees.
- **Data & Intelligence:** Monetization of anonymized consumer insights and Al-driven optimization tools helps businesses scale more effectively.



14.2 Revenue Category Overviews

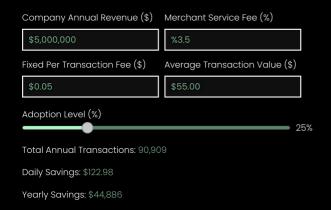
Projected Revenue Growth With Business Adoption Scaling

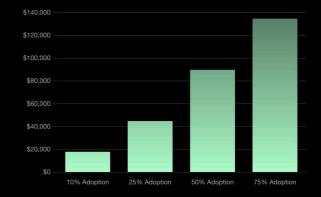




14.3 Retailer Savings ProjectionCalculator & Savings Estimator

ZELEN Systems is designed to not only drive revenue growth but also significantly reduce costs for businesses. Our Retailer Savings Projection Calculator & Savings Estimator provides businesses with real-time insights into how much they can save by integrating ZELEN's ecosystem. By adjusting key variables such as annual revenue, merchant service fees, and transaction costs, retailers can visualize their potential savings instantly. This tool empowers businesses to make informed financial decisions, reinforcing the efficiency and cost-effectiveness of ZELEN's payment and commerce solutions.







15 Conclusion

ZELEN Systems is more than just a payment solution—it's a transformative financial and commerce ecosystem designed for businesses and consumers alike. By seamlessly integrating digital payments, rewards, enterprise tools, and blockchainpowered automation, ZELEN unlocks new opportunities for growth, efficiency, and cost savings across industries.

Through strategic business adoption, scalable financial models, and a forwardthinking approach to digital commerce, ZELEN is positioned to lead the next wave of financial innovation. As adoption accelerates, the network effect strengthens, driving exponential value for merchants, consumers, and investors.

With a solid foundation, cutting-edge technology, and a rapidly expanding ecosystem, ZELEN Systems is not just adapting to the future of commerce—we are defining it.



16 Appendix

16.1 Technical Details

System Architecture Overview

Multi-Chain Integration: Our platform is built on a robust, multi-chain architecture that seamlessly integrates with major blockchains. This includes the BASE network—a modern, secure, and scalable blockchain solution—and support for traditional cryptocurrencies (BTC, ETH, USDT) as well as our proprietary digital currency, \$ZLNC. Note: Since \$ZLNC is created on BASE, we emphasize BASE's high throughput, low transaction fees, and strong security protocols as the backbone of our digital currency.

Self-Custody Digital Wallet

The breakthrough digital wallet technology ensures that all users retain their own private keys, granting full control over their funds. With self-custody at its core, our wallet technology offers secure key management, efficient transactions, and complete user empowerment.

API-Driven Ecosystem

ZELEN Systems leverages a powerful API framework that connects point-of-sale (POS) systems, inventory management, and other retail operations. This framework ensures real-time synchronization and seamless transactional workflows across the entire ecosystem.



BASE Blockchain Integration

Foundation on BASE

- \$ZLNC on BASE: Our digital currency is built on the BASE blockchain, which offers state-of-the-art infrastructure including high throughput, low transaction fees, and robust security protocols.
- Seamless Interoperability: BASE's Ethereum compatibility allows \$ZLNC to interact smoothly with a broad ecosystem of decentralized applications and services.
- Scalability & Security: The BASE architecture enables rapid scaling to support a high volume of transactions while adhering to stringent security standards, ensuring that our platform remains future-proof as the cannabis industry evolves.

Digital Wallet & Payment Gateway

Multi-Currency Support

 Users can easily toggle between traditional payment methods (credit/debit cards, cash, gift cards) and digital currencies (including \$ZLNC). The wallet features instant swaps that reduce friction and lower fees significantly.

Unified Payment Gateway

 Our system supports both in-store and online payments, integrating advanced security protocols to maintain transactional integrity. The gateway is designed to reduce traditional merchant fees—from standard rates (e.g., 3.5% + fixed fees) to a streamlined 0.5% fee model in many cases, delivering substantial cost savings.



Blockchain & Smart Contracts

Smart Contract Automation

Leveraging BASE and Ethereum-compatible smart contracts, our platform automates critical processes such as transaction settlements, fee deductions, and loyalty rewards. This automation ensures transparency, reduces operational overhead, and eliminates manual intervention—while we no longer utilize Binance Smart Chain in our framework.

Security & Compliance

Advanced Encryption & MPC

Our system employs state-of-the-art encryption techniques along with Multi-Party Computation (MPC) to decentralize control and protect against centralized breaches.

Enhanced Access Controls

- IP Whitelisting: Merchants and retail stores benefit from IP whitelisting capabilities, ensuring that wallet access is restricted to approved, secure locations.
- Additional Measures: Beyond encryption and MPC, we implement two-factor authentication (2FA) for critical operations, regular security audits, and are actively pursuing industry-standard certifications (such as ISO/IEC 27001). Our comprehensive endpoint security solutions, intrusion detection systems (IDS), and continuous vulnerability assessments further reinforce our commitment to security.



Regulatory Compliance

Our platform is designed with compliance at its core. Automated KYC, AML, and Bank Secrecy Act protocols ensure that every transaction meets regulatory requirements, even in a rapidly evolving post-#SAFE Banking landscape.

Data Integrity & Real-Time Monitoring

Continuous transaction monitoring and real-time audit trails provide users and retailers full visibility into system operations, bolstering trust and ensuring data integrity.

Integration & Advanced Features

API & Direct POS Connectivity

The dedicated ZELEN Systems API bridges digital and physical commerce by seamlessly integrating with existing POS systems. This ensures real-time updates on inventory, pricing, and sales data.

Geo-Targeting & Location-Based Services

Integrated geo-targeting features enable users to locate nearby dispensaries, check store hours, and receive location-specific promotions, thereby enhancing user engagement and driving foot traffic.

Peer-to-Peer Transfers & Social Features

Inspired by leading P2P payment solutions, our platform supports instant fund transfers and secure in-app messaging to facilitate community engagement and add further utility to the digital wallet.



Scalability & Future-Proofing

High-Volume Transaction Support

Designed to handle the demands of a rapidly growing market, our platform supports millions of transactions per day with low latency and real-time processing—ensuring a seamless experience for both retailers and consumers.

Modular & Flexible Architecture

Our modular design allows us to rapidly integrate new features, adapt to regulatory updates, and incorporate emerging digital currencies. This flexibility ensures that the platform remains responsive to industry trends and future challenges.

Cost Efficiency

By transitioning from traditional cash-based transactions to digital payments, our technology reduces overhead and improves bottom-line efficiency for retailers through significant fee reductions and streamlined operations.

Technical Stack Details

Our standard technical stack is built for reliability, performance, and scalability:

- Backend: Python (Flask or Django) or Node.js for API services.
- Frontend: React or Angular for web interfaces, with Swift/Kotlin for mobile applications.
- Database Systems: PostgreSQL/MySQL for relational data and MongoDB for NoSQL needs.
- Cloud Infrastructure: AWS powers our servers, utilizing services like EC2, S3, and RDS/DynamoDB for scalable compute and storage.
- Blockchain Integration: Web3 libraries (Web3.py or ethers.js) facilitate smart contract interactions and blockchain communications.
- DevOps: Containerization with Docker, orchestration using Kubernetes, and continuous integration pipelines to streamline deployment.



Security Protocols

In addition to advanced encryption, MPC, and IP whitelisting, our platform employs:

- Two-Factor Authentication (2FA): For enhanced protection of critical operations.
- Intrusion Detection & Vulnerability Assessments: To continuously safeguard the system.
- Industry Certifications: Pursuit of certifications (e.g., ISO/IEC 27001) to further validate our security measures.

Integration Case Studies

Our proven track record includes the development of BrokerVisions/ ZEROHero—the most powerful POS system in the event space. This cutting-edge solution now powers TicketMaster/LiveNation, the world's largest event tickets and promotion company, and serves as their flagship product. https:// tradedeskpos.ticketmaster.com/

Performance Benchmarks

Our platform is engineered for high performance:

- Transaction Processing: Demonstrated capacity to handle over 10,000 transactions per second (TPS) during pilot deployments, with average processing times under 2 seconds.
- Scalability Projections: Designed to support millions of transactions per day while maintaining responsiveness.
- Cost Efficiency: Transitioning from a typical 3.5% + fixed fee structure to a streamlined 0.5% fee model, yielding substantial operational savings for retailers.



16.2 Legal Disclaimers

1. Terms and Conditions

1.1 Disclaimer of Liability

To the maximum extent permitted by applicable law, ZELEN Systems shall not be liable for any indirect, special, incidental, consequential, or other losses—including loss of revenue, income, profits, use, or data—that arise from or are related to any reliance on this document or any part thereof.

1.2 No Representations or Warranties

Except as expressly set forth herein, ZELEN Systems makes no representations, warranties, or undertakings of any kind, whether express or implied. The information contained in this document is provided "as is" without any warranty of accuracy or completeness.



1.3 User Representations and Warranties

By accessing or accepting any information in this document, you represent and warrant that:

- \$ZLNC tokens are not securities in any jurisdiction where you are a citizen, resident, or hold a green card;
- This document is not a prospectus or offer document and is not intended to solicit investment in securities;
- No regulatory authority has reviewed or approved the information herein;
- You will comply with all applicable laws regarding the possession or distribution of this document;
- If purchasing \$ZLNC tokens, you understand they are not to be construed as currency, stocks, shares, derivatives, or any other security;
- You possess a fundamental understanding of cryptocurrencies, blockchain technology, smart contracts, and digital wallets;
- You acknowledge and accept the inherent risks associated with ZELEN Systems, its operations, and the \$ZLNC token;
- You are legally competent to enter into contracts; and If applicable, you confirm that you are a U.S. accredited investor as defined under Rule 501 of Regulation D of the U.S. Securities Act.

1.4 No Advice; Informational Purposes Only

This document and the accompanying white paper are provided solely for informational purposes and do not constitute financial, investment, legal, or tax advice. You should consult your own professional advisors before making any decisions based on this information.



1.5 No Further Information or Updates

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1.7 Data Privacy and Security

ZELEN Systems is committed to protecting your data by employing physical, electronic, and managerial procedures, including Secure Sockets Layer (SSL) encryption on secure portions of our website. However, you acknowledge that no security system is completely infallible.

1.8 Country-Specific Disclaimers

- United States: The offer of \$ZLNC tokens in the United States is made pursuant to Rule 506(c) of Regulation D of the U.S. Securities Act and is available only to accredited investors.
- Singapore: This document is provided on a confidential basis and is intended solely for institutional or otherwise relevant persons as defined under the Singapore Securities and Futures Act.



2. Risk Disclosures

2.1 Digital Utility Volatility

As a digital utility token, \$ZLNC may experience significant price fluctuations due to market dynamics. Users should be aware that transaction values and token prices may vary.

2.2 Regulatory Environment

The regulatory landscape for digital utilities, blockchain technology, and the cannabis industry is evolving. Changes in laws or governmental policies may affect the functionality, legal status, and usage of \$ZLNC tokens and related services.

2.3 Operational and Security Risks

While ZELEN Systems employs robust security protocols, inherent risks include:

- Unauthorized access or data breaches;
- Technical anomalies or system failures;
- Cyber threats;
- Network congestion or disruptions; and
- Loss of private keys, which may result in irreversible loss of tokens.

2.4 Legal and Compliance Risks

The cannabis industry is subject to a complex array of legal and regulatory requirements. Future changes in these laws or potential non-compliance may adversely impact the operations of ZELEN Systems and the viability of the \$ZLNC token.

2.5 User Responsibility

Users are solely responsible for safeguarding their digital wallets, private keys, and related devices. Although ZELEN Systems provides security guidelines, you must take all necessary precautions to protect your digital assets.

2.6 Acknowledgment of Risks

By using ZELEN Systems' services or purchasing \$ZLNC tokens, you acknowledge that you have read, understood, and accepted the risks inherent in digital utilities and the cannabis industry. ZELEN Systems shall not be liable for any losses or damages arising from these risks.



2.7 Commitment to Integrity

ZELEN Systems is dedicated to maintaining the integrity and legal compliance of the \$ZLNC ecosystem. We continuously strive to enhance our security measures and operational protocols to safeguard our users.

3. Final Provisions

By accessing, using, or purchasing services and/or \$ZLNC tokens provided by ZELEN Systems, you agree to be bound by the terms and risk disclosures set forth above. ZELEN Systems reserves the right to modify these terms at any time; any modifications shall be effective immediately upon publication. For any inquiries regarding these terms, please contact Legal@ZELENSystems.com.

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14 Financial Projections

ZELEN Systems is designed to drive financial growth through strategic business adoption, consumer engagement, and cost-saving efficiencies. By integrating ZELEN's business, payment, and digital commerce ecosystem, retailers unlock new revenue streams while reducing operational costs. This section outlines ZELEN's financial projections, adoption trajectory, and business savings potential—providing a clear, data-driven view of how ZELEN delivers scalable and sustainable value.

14.1 Adoption Scenarios

The adoption of ZELEN Systems is driven by two key factors: business integration and consumer engagement. As more businesses integrate ZELEN's comprehensive business, payment, and digital commerce ecosystem, consumer participation scales exponentially. This network effect strengthens both retailers and customers by streamlining transactions, enhancing loyalty incentives, enabling mobile commerce, and expanding financial accessibility. The following insights illustrate how businesses and consumers interact with ZELEN, demonstrating why adoption is a seamless and inevitable progression in the market.

Loyalty & Mobile Ordering App Usage

