GSP COIN (GSPC)

OFFICIAL WHITEPAPER v2.0

Decentralized Settlement, Non-Custodial Multi-Asset Escrow & The Global Ads Media Enterprise Ecosystem

CORE HIGHLIGHTS & PARAMETERS

- **Consensus & Algorithm:** GhostRider Proof-of-Work (CPU/GPU ASIC-Resistant) + Smartnodes (LLMQ)
- **Total Coin Supply:** 6,000,000,000 GSPC (6 Billion Fixed Cap) | Block Target: 240 Seconds (4 Min)
- **Non-Custodial Escrow Exchange:** Live with 52 Pairs across 21 Cryptocurrencies at *exchange.gspcoin.us*
- **DEX & Interoperability:** Komodo / Gleec DEX Atomic Swaps + ElectrumX WSS (Port 50003)
- **Parent Enterprise:** Global Ads Media, LLC with 7 Diversified In-House Digital Ventures
- **Real-World Utility:** Native Settlement, Cloud VPS Discounts, Algorithmic Signals, Revenue Buybacks

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Official Portal: https://gspcoin.us | **Exchange:** https://exchange.gspcoin.us

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01. LEGAL DISCLAIMER & REGULATORY NOTICE

Please read this legal disclaimer carefully before accessing, utilizing, or interacting with GSP Coin (GSPC), its underlying blockchain, the GSPC Exchange, or any related services provided by Global Ads Media, LLC. This document is published exclusively for informational and technical documentation purposes and does not constitute a prospectus, an offer of securities, an invitation for investment, or financial advisory services in any jurisdiction.

No Investment Contract: GSPC is a decentralized cryptographic utility coin generated via Proof-of-Work (GhostRider) and Smartnode validation. Acquisition or ownership of GSPC tokens confers no ownership, shareholding, dividend, or voting rights in Global Ads Media, LLC or its corporate subsidiaries. It operates strictly as an on-chain medium of exchange, settlement utility, and staking asset across our digital platform ecosystem.

Jurisdictional Compliance & Tax Responsibility: It is the sole obligation of each user to ascertain and comply with all applicable local, provincial, state, and federal laws, taxation requirements, and licensing mandates in their domestic jurisdiction. Global Ads Media, LLC and the GSPC open-source contributors assume no liability for market volatility, third-party network events, hardware failures, or regulatory developments.

02. EXECUTIVE SUMMARY & THE GSPC VISION

The digital asset landscape is replete with speculative tokens lacking foundational revenue, tangible real-world adoption, or defensible utility. **GSP Coin (GSPC)** was engineered from inception to overturn this paradigm by marrying robust, battle-tested Layer-1 distributed ledger technology with an active, commercial conglomerate generating real revenue, multi-market web traffic, and global digital services.

At the foundation of GSPC lies an ASIC-resistant GhostRider Proof-of-Work algorithm, fortified by a deterministic Smartnode quorum that provides sub-second transaction locking (InstantSend) and structural protection against 51% reorganization attacks. On top of this sovereign Layer-1, Global Ads Media, LLC has deployed an extensive commercial infrastructure, anchored by the newly developed **GSPC P2P Escrow Exchange (exchange.gspcoin.us)** and seven diversified technological subsidiaries.

By channeling transactional volume, merchant billing, ad-spend clearing, and subscription revenues from all in-house ventures through GSPC, the ecosystem establishes an autonomous, non-speculative demand cycle backed by quarterly buyback and burn operations.

03. PARENT ENTERPRISE: GLOBAL ADS MEDIA, LLC

Global Ads Media, LLC (https://globaladsmedia.us) serves as the parent holding and corporate operating umbrella behind the GSP Coin ecosystem. Operating as an established international digital advertising network and technology incubator, Global Ads Media delivers a unified gateway across all modern programmatic advertising channels.

Core Corporate Competencies & Capabilities:

- **Programmatic Real-Time Bidding (RTB):** Advanced ad server infrastructure facilitating high-velocity programmatic bidding across millions of daily impressions for global advertisers and publishers.
- **Layered Performance Optimization:** Proprietary telemetry uniting click fraud prevention, audience segmentation, real-time business intelligence, and dynamic creative routing.
- **Global Media Acquisition:** Scalable media planning and buying strategies that optimize ROAS (Return On Ad Spend) across North American, European, and high-growth Asian markets.
- **Zero-Friction Crypto Invoicing:** Eliminating 3-5% payment processing fees and cross-border bank settlement delays by adopting GSPC as an institutional clearing currency for advertising campaigns.

GLOBAL ADS MEDIA VENTURE INTEGRATION PRINCIPLE

All subsidiaries under Global Ads Media, LLC are structurally mandated to integrate GSP Coin as a primary settlement instrument. This ensures every operational product functions as a real-world engine of coin velocity, user acquisition, and circulating supply contraction.

04. THE 7 IN-HOUSE SUBSIDIARIES & REAL-WORLD UTILITY

Unlike conventional crypto projects that rely on hypothetical future use-cases, the GSP Coin ecosystem is propelled by seven fully functional commercial platforms operated directly by Global Ads Media, LLC. Each venture delivers specific commercial value and direct utility for GSPC holders:

1. 1 Dollar Cloud (https://1dollarcloud.com) — *Affordable High-Performance Cloud Infrastructure & Domain Solutions*

1 Dollar Cloud disrupts the cloud hosting landscape by providing high-speed NVMe shared hosting, scalable Cloud Virtual Private Servers (VPS), dedicated bare-metal infrastructure, SSL certificates, and enterprise domain registration starting at just $1.00 per month.

GSPC Integration: GSPC is accepted across 1 Dollar Cloud with a 15% billing discount compared to credit cards. Furthermore, 1 Dollar Cloud maintains pre-configured, one-click GSPC Smartnode hosting images, enabling node operators to spin up collateralized validator nodes with zero devops friction.

2. Global Trade Pulse (https://globaltradepulse.com) — *Real-Time Algorithmic Financial Intelligence & Multi-Market Scanner*

An autonomous 24/7 institutional-grade multi-market intelligence platform. Global Trade Pulse screens US Equities (NYSE/NASDAQ), Indian Markets (NSE/BSE Nifty 50), European indexes, Asian bourses, Spot Gold (XAUUSD), and major Forex pairs. It computes 15-Minute Opening Range Breakout (ORB), Volume-Weighted Average Price (VWAP) alignments, Relative Volume (RVOL) surges, and Monte Carlo probability replays.

GSPC Integration: Institutional telemetry feeds, real-time WebSocket algorithmic trade alerts, and automated execution APIs are unlocked exclusively via tiered GSPC staking and subscription payments, creating strong hold incentives for professional traders.

3. GSPC Exchange (https://exchange.gspcoin.us) — *Next-Generation Non-Custodial P2P Crypto Market & Smart Escrow*

The primary liquidity hub of the ecosystem. GSPC Exchange provides peer-to-peer and OTC spot trading across 52 trading pairs and 21 major digital assets with automated cryptographic on-chain escrow, ensuring users never surrender custody of their assets to a centralized operator.

GSPC Integration: GSPC serves as the core base pairing currency and primary liquidity bridge. Platform trading fees are reduced by 50% when paid in GSPC, and a portion of every trading fee collected across all 52 markets is automatically allocated to quarterly GSPC token burns.

4. TryYourLuck (https://tryyourluck.today) — *$1 Digital Goods Suite & Provably Fair Verified Prize Draws*

A consumer entertainment and utility marketplace. Users obtain instant $1.00 digital software downloads—such as the Email Cleaner Desktop Suite and productivity tools—bundled with verified bonus tickets into provably fair prize draws featuring consumer electronics and gadgets backed by Amazon delivery and manufacturer warranties.

GSPC Integration: Micropayments for software downloads and raffle ticket entries settle seamlessly in GSPC without merchant credit card surcharges, driving thousands of consumer micro-transactions directly through the GSPC blockchain.

5. 1url (https://1url.my) — *High-Performance Enterprise URL Shortener & Link Management*

1url is an enterprise link management and traffic optimization engine. It empowers creators, marketing agencies, and publishers to generate branded short links, custom aliases, QR codes, password-protected links, geo-targeted redirects, and granular real-time click telemetry.

GSPC Integration: Enterprise API tiers and white-label custom domain subscriptions are billed in GSPC. Additionally, 1url's publisher monetization payouts are disbursed in GSPC, providing instant global remittance without wire transfer fees.

6. World News Guru (https://worldnewsguru.us) — *Global Digital Journalism, Breaking News & International Media*

A premier digital news portal delivering breaking international news, geopolitical analysis, financial market reporting, and technology developments to a rapidly expanding global readership.

GSPC Integration: Direct micro-tipping for freelance investigative journalists, reader paywall unlocking for exclusive editorial reports, and sponsored article placements purchased via GSPC with automated on-chain proof of publication.

7. Global Cric Info (https://globalcricinfo.com) — *Live Cricket Analytics, Ball-by-Ball Telemetry & Global Media*

A dedicated digital sports portal covering worldwide international and franchise cricket leagues (IPL, ICC World Cup, BBL, PSL, Test Championships). Provides real-time live scorecards, ball-by-ball commentary, player career analytics, and tournament intelligence.

GSPC Integration: Powers interactive fan engagement, sports fantasy leagues, live prediction competitions, and premium statistical analytical subscriptions settled exclusively in GSPC.

05. BLOCKCHAIN TECHNICAL ARCHITECTURE & GHOSTRIDER PoW

GSP Coin operates as a sovereign Layer-1 UTXO blockchain developed upon a modern, highly optimized C++ codebase descended from Raptoreum and Bitcoin Core. GSPC resolves the trilemma of decentralization, security, and scalability through an innovative dual-layer architecture uniting CPU-friendly Proof-of-Work with a deterministic Smartnode quorum.

The GhostRider Consensus Algorithm:
GhostRider is an ASIC and FPGA resistant mining algorithm designed to safeguard network decentralization. It accomplishes this by dynamically alternating between randomized permutations of cryptographic hash algorithms (including X16R-variants, CryptoNight-variants, Blake, Skein, Keccak, Cubehash, Fugue, and SHA-512) alongside variable memory requirements. This randomized computational pipeline imposes severe memory and algorithmic switching penalties on specialized mining rigs (ASICs), ensuring that desktop CPUs and community GPUs maintain competitive hash efficiency worldwide.

PARAMETER	SPECIFICATION	ARCHITECTURAL RATIONALE
Coin Name / Ticker	GSP Coin (GSPC)	Native Layer-1 UTXO protocol asset
Hashing Algorithm	GhostRider (PoW)	Dynamic multi-hash cycling; ASIC/FPGA immune
Block Target Time	240 Seconds (4 Minutes)	Optimal block propagation; minimizes orphan rate
Maximum Total Supply	6,000,000,000 GSPC	Deflationary emission curve over multi-year schedule
Initial Block Reward	2,525 GSPC	Step-up curve rewarding early infrastructure providers
Smartnode Activation	Block 5,000 (Min 10 Nodes)	Deterministic LLMQ quorum enablement
P2P / RPC Network Ports	P2P: 15168 | RPC: 15167	Mainnet peer discovery and RPC daemon endpoints
ElectrumX Ports	TCP 50001 | SSL 50002 | WSS 50003	Full high-speed light wallet and web DEX connectivity
Privacy Mechanism	Native CoinJoin	On-chain UTXO mixing integrated inside desktop wallet

06. SMARTNODE CONSENSUS & 51% ATTACK MITIGATION

Smartnodes form the second layer of the GSP Coin consensus fabric. Unlike passive masternodes, GSPC Smartnodes are actively integrated into the consensus validation pipeline via Long-Living Masternode Quorums (LLMQ).

- **ChainLocks (Instant Reorg Defense):** LLMQ quorums cryptographically sign each block as it is propagated across the network. Once locked with a threshold signature, a block cannot be reorganized, rendering GSPC completely immune to 51% double-spend attacks.
- **InstantSend:** Transactions are validated and irreversibly confirmed in under 2 seconds through deterministic quorum locks, enabling real-time retail payments and instantaneous exchange deposits.
- **Collateral Escalation Model:** Smartnode collateral begins at 1,000,000 GSPC and increments systematically by 100,000 GSPC every 100,000 blocks up to block 1,100,000, reaching a ceiling of 3,500,000 GSPC. This mechanism absorbs circulating supply as the blockchain expands, preventing sell-side dilution.

07. GSPC NON-CUSTODIAL P2P ESCROW EXCHANGE

Centralized exchanges (CEXs) subject traders to catastrophic counterparty insolvency, asset freezes, and opaque fractional reserve operations. In response, Global Ads Media, LLC engineered the **GSPC P2P Escrow Exchange (https://exchange.gspcoin.us)**: a non-custodial trading marketplace where counterparties execute spot trades through automated on-chain escrow.

HOW THE GSPC ESCROW PROTOCOL OPERATES

1. Order Creation: Maker defines price, volume, and target pair (e.g., GSPC/USDT TRC20).
2. Vault Generation: The platform generates a unique, isolated on-chain cryptographic deposit address managed by our multi-wallet secure vault signer.
3. Blockchain Confirmation: The multi-asset RPC cluster monitors the blockchain in real time. Upon required block confirmations, escrow is formally locked.
4. Counterparty Settlement: Buyer fulfills the required payment. Once confirmed, the vault executes an automated on-chain broadcast releasing the assets to the recipient.
5. Zero Custody Risk: Unfilled or cancelled orders trigger an automated full refund to the user's registered refund address across all 21 supported cryptocurrencies.

08. MULTI-ASSET ARCHITECTURE & 52 LIVE TRADING PAIRS

GSPC Exchange supports **52 active trading pairs across 21 core cryptocurrencies**, providing the highest liquidity depth in the project's history. The platform connects GSPC with both major stablecoins and premier Layer-1 ecosystems:

NETWORK / ASSET	STANDARDS / PROTOCOL	LIVE ACTIVE PAIRS ON GSPC EXCHANGE
USDT / USDC	TRC-20, BEP-20, ERC-20	GSPC/USDT (TRC20), GSPC/USDT (BEP20), GSPC/USDC, BTC/USDT, LTC/USDT
Bitcoin & Forks	BTC Native UTXO, BCH Native	GSPC/BTC, GSPC/BCH, BTC/USDT, BCH/USDT, BTC/LTC
Litecoin & Scrypt	LTC Native MWEB / SegWit	GSPC/LTC, LTC/USDT, LTC/BTC, LTC/DOGE
EVM Ecosystem	ETH (ERC-20), BNB (BEP-20)	GSPC/ETH, GSPC/BNB, ETH/USDT, BNB/USDT, ETH/BTC
High-Speed L1s	SOL (SPL), TRX (TRC-20), SUI	GSPC/SOL, GSPC/TRX, GSPC/SUI, SOL/USDT, TRX/USDT
Privacy & PoW Coins	XMR, DASH, ZEC, DGB, ETC	GSPC/XMR, GSPC/DASH, GSPC/ZEC, GSPC/DGB, GSPC/ETC, DASH/USDT
Next-Gen BlockDAG	KAS (GHOSTDAG), NEAR, AVAX	GSPC/KAS, GSPC/NEAR, GSPC/AVAX, KAS/USDT, NEAR/USDT
Meme & Community	DOGE, XRP, ADA	GSPC/DOGE, GSPC/XRP, GSPC/ADA, DOGE/USDT, XRP/USDT

Ultra-Low Fee Structure: *Flat 0.2% fee per trade across all pairs. When trading fees are settled using GSPC, traders receive a 50% discount (0.1% net fee). 100% of accumulated exchange fees in GSPC are forwarded to the monthly burn address.*

09. DEX ATOMIC SWAPS & ELECTRUMX WEBSOCKET INFRASTRUCTURE

To guarantee uninterrupted liquidity free from single-point-of-failure vulnerabilities, GSPC is integrated into the **Komodo / Gleec decentralized atomic swap DEX ecosystem**. This enables trustless, cross-chain atomic swaps directly from users' non-custodial desktop and web wallets without any central intermediary.

- **Atomic Swaps (HTLC):** On-chain Hash Time-Locked Contracts ensure that both sides of a cross-chain swap execute simultaneously, or the full balance returns to the respective owners.
- **ElectrumX High-Capacity Cluster:** GSPC operates an enterprise ElectrumX indexing cluster featuring TCP (Port 50001), SSL (Port 50002), and Native WebSockets (WSS Port 50003 at *electrum.gspcoin.us*), enabling instant web-based browser DEX swaps and zero-sync mobile wallets.
- **Open-Source Upstream PR:** Pull Request #2097 on the official Gleec DEX repository permanently registers GSPC with native WSS Electrum support, symbol metadata, and live trade validation.

10. TOKENOMICS, BLOCK EMISSION & REWARD SCHEDULE

The economic structure of GSP Coin is calibrated to incentivize long-term network security, promote hardware decentralization, and support community growth with transparent, immutable rules.

ALLOCATION CATEGORY	PERCENTAGE	TOTAL COINS (GSPC)	PURPOSE & VESTING SCHEDULE
Proof-of-Work Miners	64.0%	**3,840,000,000**	Distributed per block to CPU/GPU hashrate contributors
Smartnode Validators	34.0%	**2,040,000,000**	Distributed per block to collateralized node operators
Initial Pre-Mine	0.833%	**50,000,000**	Genesis block exchange liquidity & core infrastructure
Development & Marketing	1.0%	**60,000,000**	2% fee on block reward (1% promo + 1% marketing)
Community & Bounty Pool	0.167%	**10,000,000**	Translations, bug bounties, developer grants
TOTAL SUPPLY CEILING	100.0%	**6,000,000,000**	Fixed supply cap; no inflation possible

Block Emission & Collateral Halving Progression:

Block rewards follow an initial incentive curve starting at 2,525 GSPC at Genesis, increasing by 100 GSPC every 100,000 blocks to encourage hash power accumulation until block 1,100,000. Subsequently, the reward decreases systematically by 100 GSPC every 100,000 blocks until block 2,000,000. In parallel, Smartnode collateral scales from 1,000,000 to 3,500,000 GSPC, systematically contracting circulating velocity as network adoption grows.

11. ECONOMIC FLYWHEEL: DEMAND DRIVERS & BUYBACK PROTOCOL

Cryptocurrency value is fundamentally defined by real-world cash flows, transactional utility, and scarcity. The GSP Coin economic flywheel ties the commercial success of Global Ads Media, LLC directly to the scarcity and demand of GSPC:

THE GSPC SUSTAINABLE VALUE ACCRETION MODEL

1. Multi-Subsidiary Merchant Settlement: 7 corporate entities (1 Dollar Cloud, Global Trade Pulse, TryYourLuck, 1url, World News Guru, Global Cric Info, and GSPC Exchange) generate daily revenue and offer exclusive merchant pricing for GSPC users, driving organic spot buying volume from retail and B2B customers.
2. Smartnode Supply Absorption: Each collateralized Smartnode locks up to 3,500,000 GSPC out of circulating supply. With dozens of enterprise and community Smartnodes active, massive tranches of supply remain locked while earning passive yields.
3. Corporate Buyback & Burn Commitment: Global Ads Media, LLC commits **15% of net corporate profits quarterly** from advertising services, cloud hosting, and exchange fees to open-market GSPC buybacks. Purchased tokens are permanently burned on-chain to a provably unspendable burn address, generating persistent deflationary pressure.
4. Staking Holding Tiers: Advanced features on Global Trade Pulse and 1url require ongoing minimum GSPC wallet balances, removing coins from open exchanges.

12. STRATEGIC MULTI-YEAR ROADMAP (2026 – 2028)

PHASE / PERIOD	KEY MILESTONES & DELIVERABLES	STATUS
Phase 1: Foundation & Network Genesis (2022 - 2024)	• Launch sovereign blockchain with GhostRider PoW • Smartnode LLMQ consensus activation • Core Desktop Wallets (Linux, Windows, macOS) • High-speed Block Explorer & ElectrumX cluster	**COMPLETED**
Phase 2: Exchange & Commercial Matrix (2025 - Q1 2026)	• Launch GSPC P2P Escrow Exchange (exchange.gspcoin.us) • Implement 52 pairs across 21 cryptocurrencies with multi-wallet vault signer • Deploy ElectrumX WSS (Port 50003) & submit Gleec DEX PR #2097 • Formally integrate 7 Global Ads Media corporate subsidiaries	**COMPLETED**
Phase 3: Global Indexing & Mobile Wallets (Q2 - Q3 2026)	• Listings on CoinMarketCap, CoinGecko, Coinpaprika & MiningPoolStats • Official Non-Custodial Mobile Wallets for iOS & Android • Launch GSPC Merchant Payment Gateway SDK for web stores • Roll out 1 Dollar Cloud 1-click Smartnode automated installer	**IN PROGRESS**
Phase 4: Cross-Chain Bridge & CEX Expansion (Q4 2026 - Q1 2027)	• EVM / TRON Decentralized Cross-Chain Wrapped Token (wGSPC) • Uniswap & PancakeSwap decentralized liquidity pools • Tier-1 & Tier-2 Centralized Exchange (CEX) listings • Global Trade Pulse institutional algorithmic trading API release	**SCHEDULED**
Phase 5: Enterprise Ad Clearing & DAO (2027 – 2028)	• Full programmatic RTB ad clearing protocol powered by GSPC • On-chain Smartnode DAO governance voting for treasury grants • Enterprise B2B settlement contracts across international publishers	**VISION**

13. OFFICIAL RESOURCES, SECURITY & VERIFICATION

All software releases, blockchain explorers, and developer tooling are maintained through official, cryptographically verified endpoints. Users and node operators are strongly cautioned to verify domain SSL certificates and official repository origins before executing transactions:

RESOURCE	ENDPOINT / URL	DESCRIPTION
Official Portal	https://gspcoin.us	Project home, documentation, whitepaper & roadmap
GSPC Exchange	https://exchange.gspcoin.us	Non-custodial P2P escrow trading platform (52 pairs)
Blockchain Explorer	https://explorer.gspcoin.us	Real-time block, transaction, address & hashrate audit
GitHub Organization	https://github.com/gamgsp/gspcoin	Core daemon, wallet source code, releases & issue tracking
ElectrumX Cluster	electrum.gspcoin.us	TCP 50001 | SSL 50002 | WebSockets WSS 50003
Mining Pool Stats	https://miningpoolstats.stream/gspcoin	Global network hashrate, difficulty & verified mining pools
Komodo / Gleec DEX	https://github.com/GLEECBTC/coins/pull/2097	Decentralized Atomic Swap coin integration PR
Parent Organization	https://globaladsmedia.us	Global Ads Media, LLC corporate holding portal
Discord Community	https://discord.com/invite/Anh2sr4txV	Official community discussions, node support & dev chat
LinkedIn (GSP Coin)	https://www.linkedin.com/company/gsp-coin/	Official corporate profile for GSP Coin ecosystem
LinkedIn (GSPC Exchange)	https://www.linkedin.com/company/gspc-exchange/	Official corporate profile for GSPC Exchange
Telegram Official	https://t.me/gspc_gspcoin	Global announcements and community updates
Official Twitter / X	https://x.com/gspcoin	Official breaking announcements and updates

JOIN THE GLOBAL GSPC REVOLUTION

GSP Coin is actively expanding its mining hashrate, Smartnode validation base, exchange liquidity, and merchant adoption. Connect with our global community today to participate in the decentralized future of digital media and finance.

Global Ads Media, LLC | **Email:** support@gspcoin.us | **Website:** https://gspcoin.us