



DGT Network Commodity Marketplace

WORLD-LEADING TECHNOLOGY

DGT Network – the ultimate decentralized technology for commodity marketplaces

DGT Tokens are an institutional-grade product, bringing unprecedented efficiency, security, and trust to holding and trading physical commodity and commodity derivatives on the blockchain.

ABOUT DECENTRALIZATION

Distributed ledger technology (DLT) could make trading commodities simpler, cheaper and more transparent.

DLT works by verifying and recording transaction data in a permanent way on a single, secure digital ledger shared by trusted parties. It creates a system where parties can connect directly with each other, without the need for intermediaries like banks, brokers, or utilities, for example.

DGT Network augments DLT by creating an effective, scalable, secure marketplace structure that builds an ecosystem of participants around commodity trading.

DECENTRALIZED COMMODITIES

Derivatives trading and tokenization can enable huge efficiency gains for trading in any asset class, whether that is a commodity derivative or an interest rate swap.

Cutting post-trade processing costs can bring savings of up to 40% across operations, accounting, settlements and IT through elimination of inefficiencies.

Wholesale peer-to-peer trading is another application that can enable large-scale trading.

Ease of regulatory validation through automatic rule-based network ready for global marketplaces

DGT NETWORK

DGT's world-leading F-BFT technology that creates seamless trading paths and makes transactions cheaper and more secure than on any traditional or decentralized marketplace.

DGT's unparalleled tokenization opportunities can help commodity holders create (and sell) new financial instruments and digital value through flexible, economy-grounded, investor-focused tokens.

DGT is for marketplaces, whereas the commodity market becomes democratized and highly accessible to enterprises, accredited investors, and other value-adding participants.

DGT Network offers several important advantages in (A) Trading and (B) Tokenization of commodities

TRADING

▶ ELIMINATION OF INTERMEDIARIES

All trades are **20%+ cheaper** to process than industry average due to innovation in topology, data processing, and F-BFT Consensus.

▶ UTMOST SECURITY

F-BFT Consensus renders the network **absolutely secure**; DAG Ledger makes transactions immutable; Anchoring prevents malicious actors; DLT Neural Network protects the vulnerable “front-end” entry points.

▶ ECOSYSTEM APPROACH

Highly integrative. Hierarchical Topology enables any marketplace to share economic space with the whole DGT Network (65+ use cases) **attracting processing and purchasing power.**

TOKENIZATION

▶ FLEXIBLE TOKENIZATION

White-label tokens of any kind – **beyond the cookie-cutter approach** of other solutions. DGT Token Model is grounded in **solid economic theory.**

▶ BLOCKCHAIN-AGNOSTIC

Optional **mirroring in all major blockchains** – including Ethereum – used to popularize the token. **Sellable on any major exchange** around the world and compliant with the global regulatory agencies.

▶ SUPPORT TOOLS

White-label “wallet” mobile applications; APIs; Ethereum bridges; KYC services; token tracking dashboards; and a host of other integrative tools.

DGT Commodity Marketplace Pivot can look like: **increase of 30% in sales and decrease of 20% in expenses**

Leading platforms have changed very little for the past years and have not responded to the industry’s clear demand for integration and transparency.

DGT clients have access to the most versatile tokenization capabilities, which allow them to have unique token parameters, unavailable with other current template-focused solutions.



Real economy

Token model grounded in real commodity economics



Fungible

Tradable against traditional gold products across blockchains



Stability vs. returns

Hedging against market volatility with advanced token structures



Trustworthiness

Absolute network security tested by leading financial institutions



Scalable

Absolutely technologically and economically scalable – billions of dollars for millions of participants



Flexible fee structures

Including no-fee model for transfer, transaction, storage, or management fees



Real-time auditability

Verified at any time through network and audits



Developed by experts

World-leading decentralized technology team

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DGT lends its capabilities to integrate cryptocurrency to real assets and real economy

Technology is progressing rapidly. With DGT, instead of relying on old paradigms, cryptocurrency:



is supported by real physical assets



anchors entire industries on network



does not rely on mining mechanics



absolutely secure against attack vectors

embedded token systems fill the cryptocurrency with further value and usability

WHITE LABEL COIN

The second-tier token is a white label internal currency that can be adapted to the use case of any particular ecosystem, such as logistics, energy, natural resources, and more

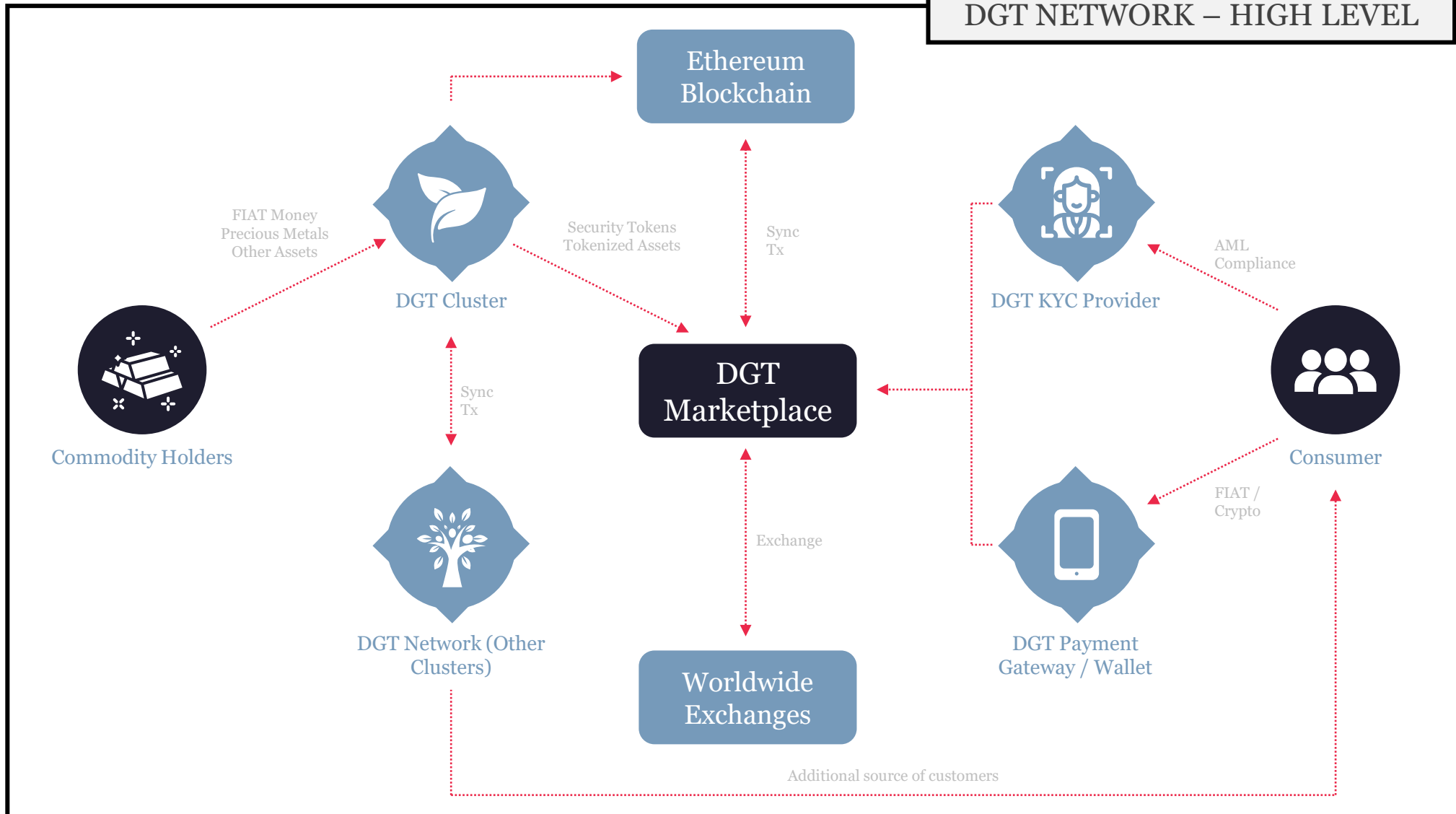
2X – TOKEN SYSTEM

Possibility of establishing a two-tier crypto system, with cryptocurrency protecting investor interest in volatility, while a white-label token meets customer interests in stability

ATOMIC SWAP SYSTEM






DGT has an embedded atomic swap system that allows for a seamless exchange of tokens within the system for zero fees, further supporting the adoption of the cryptocurrency

DGT NETWORK – HIGH LEVEL









DGT Network aids commodity providers in tokenizing their assets on DGT and other blockchains; and then selling them through the DGT's Marketplace and other exchanges worldwide.

DGT is among the technologically leading decentralized solutions, which makes it ideal for a sophisticated industry that demands performance, flexibility, and security.

<h3>Hierarchical Topology</h3>	<h3>F-BFT Consensus</h3>	<h3>DAG Ledger</h3>	<h3>Reloadable Tx</h3>	<h3>Hybrid Network</h3>
				
<p>The DGT Network is divided into groups of nodes – clusters. Each cluster is flexible (permissions, transaction types, etc.) and adaptive to a particular business ecosystem, while remaining part of the total Network.</p>	<p>The high-performance federative Consensus is infinitely scalable, void of inefficiencies and governance problems, as well as fully protected against Byzantine and other major vectors of attack.</p>	<p>The DAG Ledger can grow in several directions simultaneously, it is highly horizontally scalable without impacting information synchronicity, and much more effective than “blocks”.</p>	<p>The DGT Network is capable of processing any piece of digital value: financial transactions, IOT data, IDs, digital twins, smart contracts, digital goods, and more. All backed by crypto.</p>	<p>The participants of the DGT Network may allow others to join their clusters freely (public / permissionless) or under set conditions (consortium-based or private / permissioned clusters).</p>
<p>Business Flexibility</p>	<p>Security and Performance</p>	<p>Unrestrained Scalability</p>	<p>Any Unit of Value</p>	<p>Adaptive Rules</p>



other distinctive features

<h3>MODULAR</h3> <p>Flexible divergent architecture</p>	<h3>ANCHORED</h3> <p>Backed & secured with pre-existing large economic systems</p>	<h3>OPEN SOURCED</h3> <p>Growing community of motivated developers</p>	<h3>INTEGRATIVE</h3> <p>Array of API and other tools to bridge to legacy and digital mesh tech</p>	<h3>ANALYTICAL</h3> <p>Deep analytics facilitated by Edge Artificial Intelligence</p>
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	Purpose	Network Organization	Consensus	Data Storage	Tokenization	Smart Contracts	Encryption
	Integration of enterprise data in real time; business ecosystems	Federative Consortium-based	F-BFT	DAG	Yes	Yes	Asymmetric, ECDSA curve secp256k1
 Ethereum	Distributed calculations, crypto, smart contracts	Single level Public	PoW	Blocks	Yes	Yes	ECDSA
 Stellar	Payment Network	Single level Public	FBA	Blocks	No	Yes	Asymmetric, ED25519
 EOS	Distributed calculations, crypto	Single level Public	dPOS	Blocks	Yes	Yes	ECDSA secp256k1
 IOTA	Micropayments, IOT, crypto	Single level Public	FPC (MCMC)	DAG	No	Yes	Kerl
 HYPERLEDGER	Data exchange in a corporate environment	Single level Private	P-BFT	Blocks	No	Yes	PKCS11,, pluggable

secure, effective, multi-purpose tokens and trading


AT INCEPTION:

-  backed by real assets, such as gold and oil;
-  independent of the flaws of the miner models, POW, and POS;

AT GROWTH:

-  supported by an infinitely scalable network;
-  absolutely secure from common attack vectors;

AT ADOPTION:

-  embedded into a real multi-industry economy;
-  capable of seamlessly converting into other forms of digital value

THANK YOU

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www.dgt.world

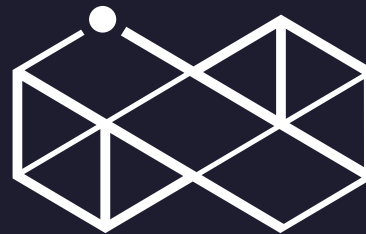
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