CORPORA
AND BANK
SYSTEMS HAN

Billon Unified Blockchain

A multi-tenant, permissioned blockchain built for sovereign identity, and to be high-performance and regulatory compliant for all asset classes:

DOCUMENTS AND DATA

NATIONAL CURRENCY

NON-CASH TOKENS

TIMELINE

2017
VERSION 1.0

2020
VERSION 2.0

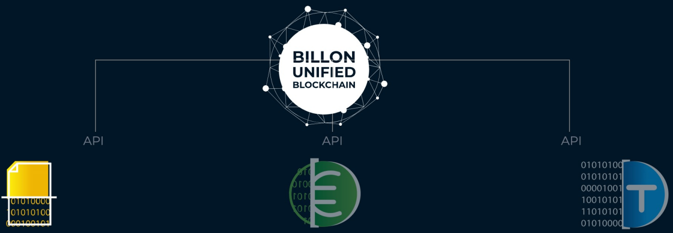
2021
VERSION 3.0

2023
OPEN PLATFORM

In 2023, we created the Open Platform, with the world's first feature: on-chain documents. It is based on the NextGen protocol, which was released with version 2.0 introducing 100% secured currencies directly on the ledger. Our team of engineers started designing the protocol as early as 2012 and since 2017 and it has been commercially available. We minted the first British pound on the blockchain in August 2017, when we received UK regulatory approval. Our enterprise clients are challenging us a lot to adapt our solutions to their needs which leads us to more new research and development initiatives. Because we control the entire stack, our release cycle involves making major changes once a year, combining smaller changes into quarterly updates.

OUR CAPABILITIES

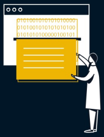
Driving Innovation: Three Categories of Use Cases supported by Billon's underlying protocol:



TRUSTED DOCUMENT & DATA

DIGITAL CASH

REAL ASSET TOKENIZATION



For documents, blockchain plays multiple roles. It can either secure an immutable high-value document for a long-time, or enable the sharing of documents from multiple entities, or capture the attestation and validation of documents, linked to a traceable identity.

Read more ›

OUR DISTRIBUTED LEDGER

Our permissioned and multi-tenant ledger went beyond the fundamental elements of blockchain (e.g., immutability, distributed processing) and re-engineered most elements to solve for the two main challenges: regulatory compliance and performance.

- A Scalable, Distribited Architecture
- **Consensus mechanism**
- Multiple interconnected blockchains
- Ledger data structure (privacy)
- Heterogeneous Node Structure
- Embedded Business Logic (& compliance)
- Identity Management

Consensus mechanism

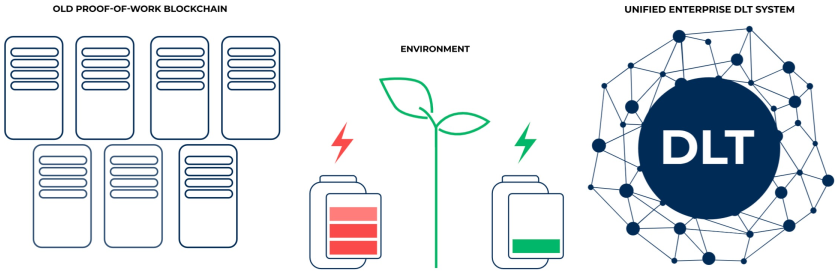
Our consensus mechanism uses zero-knowledge, proof-of-stake with algorithms designed to utilize a set of trusted nodes which we call a cooperative proof-of-stake consensus. While the ledger operates on any cloud environment without the need for additional power, the protocol also allows user nodes and mobile devices to add processing capacity to the ledger, resulting in a far more distributed architecture than many early blockchains.

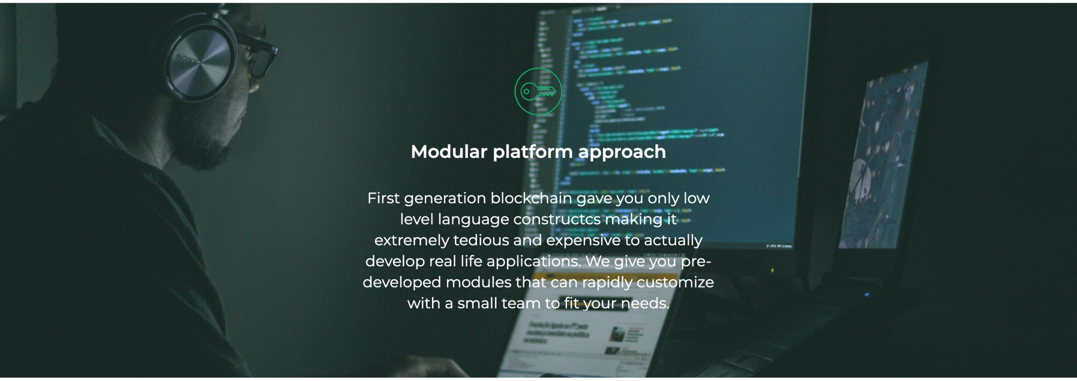
The performance of our DLT has been doubling every 18 months. Recent independent tests confirm 160 million money transactions possible per day and over 5 million documents published each day. As the size of the network grows, throughput will grow as well.

COST ADVANTAGES

Our unique architecture with “on chain” documents storage and security model for digital identity protection allows various critical documents containing sensitive information to be efficiently processed in completely secure and unalterable manner.

ENERGY EFFICIENCY TOTAL COST TO SERVE





Modular platform approach

First generation blockchain gave you only low level language constructcs making it extremely tedious and expensive to actually develop real life applications. We give you pre-developed modules that can rapidly customize with a small team to fit your needs.

DOCUMENTATION

Independent tests find Billon Unified Enterprise DLT System 60% more energy efficient and 2.5x faster than enterprise Ethereum

PDF

Download performance report

GET IN TOUCH

Contact us to learn more about our products and solutions.

Contact Us

FOLLOW US

E-MAIL

contact@billongroup.com

ENTERPRISE SOLUTIONS

Trusted Document & Data

- Documents Delivery and Signature
- Document Certification and Verification
- Multi-Party Documents & Data Exchange
- Immutable Data Storage
- Digital Products Passport

Digital Cash

- Payment Distribution
- Interbank Money Transfers
- Mass Payouts

Real Asset Tokenization

- Data Invoice Sharing
- Finacial Products Tokenization
- Intellectual Property Rights Tokenization

CASE STUDIES

Partners

- BIK
- RBIH

Clients

- Tauron
- IEEE
- Ergo Hestia
- Food Delivery Company
- Phillip Morris International
- RBI

TECHNOLOGY

OPEN PLATFORM

WHY US

ABOUT US

- Who we are
- Press Room
- Work With Us
- Advisory Council
- Press Kit

SUPPORT

- Contact us
- For Developers
- Privacy Policy

MAIN COMPANIES:

BILLON GROUP LIMITED
Cannon Place, 78 Cannon Street,
London, England, EC4N 6AF

BILLON SP. Z O.O.
ul. Waliców 11
00-855 Warsaw, Poland

BILLON DIGITAL SERVICES SP. Z O.O.
ul. Waliców 11
00-855 Warsaw, Poland

REGULATED ENTITIES:

BILLON SOLUTIONS SP. Z O.O.
Plac Bernardyński 2, lok. 4
02-901 Warsaw, Poland

BILLON FINANCIAL LTD
131 Finsbury Pavement,
London, England, EC2A 1NT

Information Security
Management
ISO/IEC 27001
www.dekra-seal.com
DEKRA
certified

The National Centre
for Research and Development

European Funds
Smart Growth

Republic
of Poland

European Union
European Regional
Development Fund

billon

All rights reserved 2021