

Gospel Data Platform™ Overview

Trust, protect and retain control of your shared data

In today's data-centric, interconnected world, collaborating and sharing data with partners, suppliers and customers is critical for business operations. But sharing often means losing control of how and when your data is used, which can lead to expensive data breaches, financial loss and irreparable reputational damage.

Now, more than ever, data security and control are key to success in an era of digital transformation, in which sensitive and personal information has become the main target of hackers and cyber criminals. So, how can you control and protect your sensitive data?

Distributed ledger graph database

The Gospel Data Platform is the first distributed database that has the unique capability of securely sharing sensitive information both with users within the organisation and external partners, while retaining complete control of who can access the data, why, when and how.

The platform creates an entirely trusted environment for your data, which is encrypted in transit and at rest, and stored in a secure, distributed private network built using Distributed Ledger Technology (DLT). The unique use of DLT ensures total certainty that data can only be altered or added with consensus agreement the network, and a complete history of changes to data is maintained.

Security & trust

Security is built in at the data layer with no single point of failure.

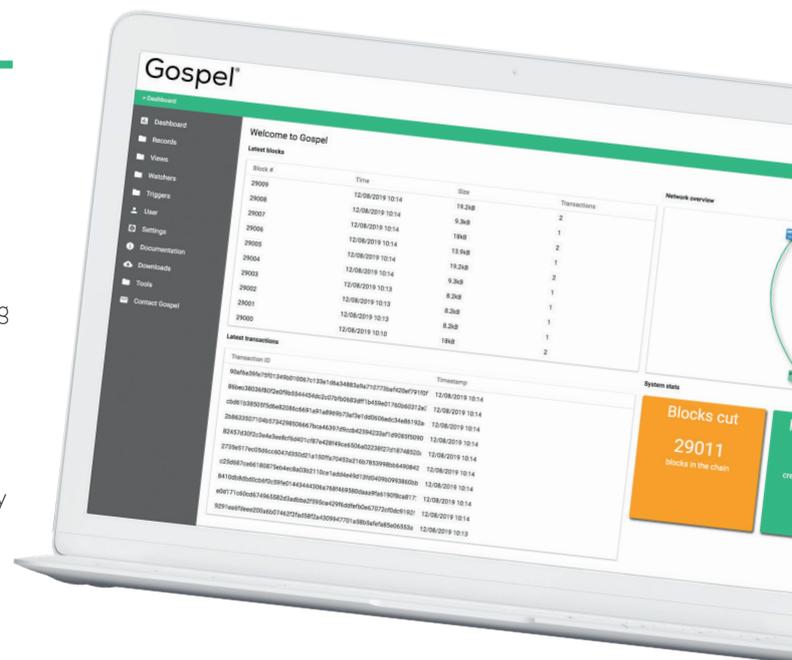
Encryption and network consensus mechanisms allow access control to be enforced at the data layer itself, considerably reducing the risk of data breach and loss.

The consensus mechanism ensures that any modification or access to sensitive data is verified and agreed by the network rules, thus creating a trusted, single version of truth for better collaboration and data-driven decisions. This mechanism ensures that data corruption and privilege escalation is automatically prevented by group consensus. It is mathematically impossible to access data without authority and there is no single point of failure.

Privacy & control

Take control of your data and reduce the risk of exposing sensitive information while increasing privacy.

Easy-to-understand and intelligent contextual access controls are used to express permissions that are specially tailored to cross-company data sharing applications. Access to the data is based on user credentials and context. This means that your data is only accessible to the right person or application, for the right reason, at the right time - every time. It allows specific data to be viewed only and the rights can be revoked when needed, increasing data privacy and control.



Key Benefits:

- » Reduce risk of data breach, loss or misuse
- » Full privacy and control of your shared sensitive data
- » Tamper-proof audit trails for compliance and disputes
- » Increase data security and trust
- » Avoid expensive regulatory fines and reputational damage
- » Improve collaboration and make better business decisions through trusted data
- » Easy adoption, flexible deployment
- » Out-of-the-box integrations (e.g. SAP, Azure AD, Salesforce)
- » Simple and user-friendly, fully featured administrative interface

Accountability & compliance

Meet compliance demands and data protection regulations.

Achieve full transparency of data history throughout its entire lifecycle. All data accesses, including user intention and failed attempts, along with modifications are logged in an immutable tamper-proof audit trail. The platform also allows for the data owner to retain ownership, including the 'right to be forgotten' required by data regulations such as GDPR.

Notifications & automation

Minimise manual tasks, reduce errors and improve data quality.

When changes to data are detected in the platform, Gospel's Watcher and Trigger features can automatically execute actions within the ledger or on an external system. For example, when a purchase order request is created, the Watcher can make an outgoing API call to an external accounting system to raise the purchase order. Simultaneously, the platform can trigger updates to records across the network.

Data ingestion

LedgerBridge™ is a simple to use data ingestion tool that enables you to import structured data from your existing systems into the Gospel Data Platform. It supports importing content from external data repositories in the CSV, XML, JSON, Database and

flat file formats. Enterprise grade encryption and hashing are used to secure your data in transit and at rest, providing true **cryptographic trust**.

API/SDK Support

Gospel's SDKs (Software Development Kits) are available in several industry standard languages, enabling quick integration with corporate custom applications. Gospel RESTful API enables systems to communicate with the platform to send/receive data.

Automatic deployment, quick adoption

Your implementation team or developers can now have access to Gospel Data Platform with just a few clicks on the **Google Cloud Platform** (GCP) Marketplace. **Deploy** the platform within minutes and test all features and capabilities today.

For more information and to find out how you can control, protect and trust the data you share, contact our team and take a **step.forward@gospel.tech**



The Gospel Data Platform provides front line workers access to multi agency data so that they can make better decisions

Chief Data Officer, Worcestershire Office
of Data Analytics (WODA)

