Gospel Technology

Product Data Sheet

Introduction to Gospel and our product

The Gospel Data Platform is a secure distributed database that allows companies to securely ingest, store, protect and share sensitive data such as Personally Identifiable Information (PII). Gospel is a new kind of database built specifically for the sharing of sensitive data, which provides both tamper-proof audit trails, and the ability to grant the right access to the right user for the right reason, whether the data is being accessed internally or externally. This allows companies to adhere to regulations such as GDPR and demonstrate compliance.

What does it solve?

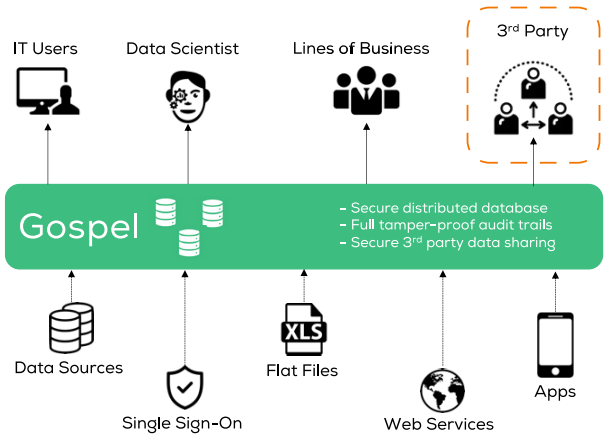
Until today, data sharing has been an after-thought. This has resulted in business-critical data being shared both internally and externally with 3rd parties over insecure mechanisms, such as spreadsheets, API gateways, secure FTP or public cloud storage.

Why is this a problem?

With stronger industry regulations, the way you manage your customers', employees' and other sensitive data simply cannot be overlooked any longer. Companies need to build genuine accountability into how they are processing, storing and sharing this information in order to future-proof their organisation.

Why can't I do this with other technologies?

No database technology has focused on the distributed sharing of data and most importantly doing so in a responsible, logical, consensus-driven and auditable manner. All technology up until today has only ever been able to send data one-way, when it leaves your organisation's perimeter and provides no auditable log of the data's lifecycle. If data ever does come back, you have zero trust in how it might have been used beyond your control, or whether it was accidentally misused, leaked or otherwise tampered with.



Gospel – Product overview

Gospel is the only secure distributed database that has been built from the ground up for the purpose of sharing data within and beyond your organisation, complete with **full tamper-proof audit trails.**

Gospel provides the ability for multiple parties and actors to collaborate on the same data with totally trusted and logical data views. This removes any risks associated with data, especially with 3rd parties.

Key Gospel components:

Gospel LedgerBridge – Gospel's unique ingestion engine allows you to do bulk data imports as well as near real time uploads of any data from existing data sources, such as databases, flat files or ERP systems.

Gospel LedgerNodes – This is where data is securely stored in a Gospel node with full encryption (in transit and at rest) that has been ingested through APIs, LedgerBridge or directly into the Gospel user interface.

LedgerNodes are highly scalable and are able to "burst" to cope with the toughest of business demands. They can be installed at 3rd party sites which drives assurance that no single party is tampering with or viewing incorrect data. This ability is provided by a secure underlying blockchain architecture which enforces consensus across all parties within the network.

Gospel APIs and SDKs – Gospel's data store is able to be securely accessed through Gospel's library of APIs and SDKs which allow data to be surfaced from users into existing applications.

Gospel Connectors – Gospel has a list of connectors that integrate into existing and well-known technologies, including SAP, LDAP, Google, SFDC, Outsystems, JDBC and much more.

For a full list of available connectors, visit www.gospel.tech

Key features:

- **Tamper-proof data history** allowing people to see a full lifecycle view of a record instead of a moment in time view, including writes, changes, read attempts and any denials of access
- **Highly granular data access** ensuring only the right data is seen by the right person at the right time using dynamic rule-based access implement scenarios, such as access based on location or data context
- **Prevent malicious behaviour** by preventing a single actor being able to take control of the database or change data
- **Data abstraction** allowing only the necessary data to be shared with multiple actors, for example showing somebody is over 18, Yes or No, rather than their full date of birth
- **Smart Contracts** gives Gospel the ability to interact and alert external systems, such as an SMS product that allows notifications to be sent to end users. This is done with Gospel's Triggers and Watchers which can be quickly designed within the product
- **Easy to use** SDKs for popular languages and technologies such as Java, .net and Javascript, enable you to build custom connectors for any specific requests your company may have

> It's absolutely key to our business that we can give our clients and employees the assurance they need that their data is secured in the most trusted environment possible.
>
> Andy Monshaw, CEO of NGA Human Resources

Gospel Developer QuickStart Program

With Gospel Developer QuickStart (GDQ) you can quickly and easily spin up a production environment and start building on top of Gospel's tamper-proof database in the same way you would with existing databases. Full documentation, APIs and user guides are provided at the point of installation.

Gospel & Google

Gospel Technology has partnered with Google Cloud to put the Gospel Data Platform straight into the hands of developers, available through Google Cloud Marketplace.

Deploy Gospel anywhere

Gospel is also available directly for installation on any of the other major cloud providers, including AWS, Azure, IBM or even on-premise!

Begin your journey with Gospel;

start small and grow!

Here's how our customers have begun their journey to a more secure way of sharing sensitive data.

This type of data includes Personally Identifiable Information (PII), financial data, healthcare data and sensitive company IP.

1. **INGEST your Data** – Gospel's ingestion engine, LedgerBridge, allows data to be either manually ingested from flat files (CSVs and more) to being able to support more sophisticated integrations such as plugging into existing databases with our connectors, which can bulk ingest data into Gospel's secure database.

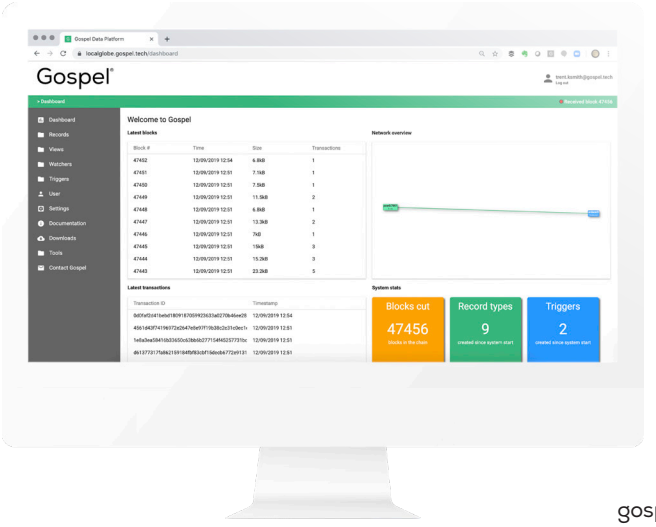
2. **STORE your Data** – Gospel's distributed database has solved the challenge of storing data safely and securely, with no single point of failure. Data is stored in Gospel's LedgerNodes which is where both active records and historical data are maintained.

Data in Gospel cannot be deleted and has tamper-proof audit trails that are able to support various requests from the business. This allows you to have total accountability of how your data has been used, shared and changed.

3. **SECURE your Data** – All data from the moment it is ingested is fully encrypted, both in transit and at rest. This gives you absolute confidence of its security and ensures you are adhering to your organisation's security policies. Gospel uses industry standard security and encryption mechanisms that will support your organisation's security policies and requirements.

4. **PROVIDE ACCESS to your Data** – Gospel allows users to give granular and secure access to their data in a way that ensures only the right data is seen by the right person for the right reason. In practice, this means using existing authentication methods, such as using your current security authentication mechanisms and existing groups within your active directory, to ensure data is only shown to the right person or API.

Gospel Technology has solved the problem of being able to collaborate with individuals and organisations outside of your perimeter without losing control of your sensitive data. Whether the issue with sensitive data has been sharing too much, not enough, or none at all, Gospel provides the solution – all in one platform.



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**

Click here to deploy Gospel on GCP today.

Request a demo of the Gospel Data Platform.