



/NVEN/CA

**Transforming business
with innovation**

Connected cars: data privacy and protection using Blockchain and Mobile

Invenica worked with a global Telecoms provider to create an end-user data management mobile platform for ‘Connected Car’ drivers.

Emerging technologies are making autonomous vehicles a reality as connected cars are becoming the next generation of complex consumer IoT smart devices. A large amount of data generated by end consumers and their devices presents challenges within the implementation of data protection and data privacy.

Invenica's solution helped empower customers through increased control of their personal data and privacy. The Connected Car mobile application allows the consumer to have options of what data they share and who they share it with.

/What we did

Invenica designed, built and implemented an MVP (Minimal Viable Product) solution that enables customer consent when sharing data generated from a smart car. This data can then be shared with third-parties such as Insurance Brokers or Mechanic Garages through a mobile application.

The app uses a compliant registration process connecting into a transparent blockchain ledger and provides a simple interface with click features for the user to control their data.

The underlying Ethereum technology provides the immutable tracking of consumer consent, integrated with the Application Programming Interface (API) of third-party services and products.

/What we delivered

Invenica consulted, designed and built all components for Connected Car, producing a large-scale project roadmap, reducing project complexity, with a lean-agile iterative approach to software development.

The deliverables comprised of:

- ///** Blueprint designs of the solution and MVP components constantly tested against criteria of third-party partners.
- ///** A blockchain ledger, API architecture and consumer facing mobile application.
- ///** Technical programme governance framework ensured on-time, within budget delivery whilst managing third-party integration risks and issues.

/About Invenica

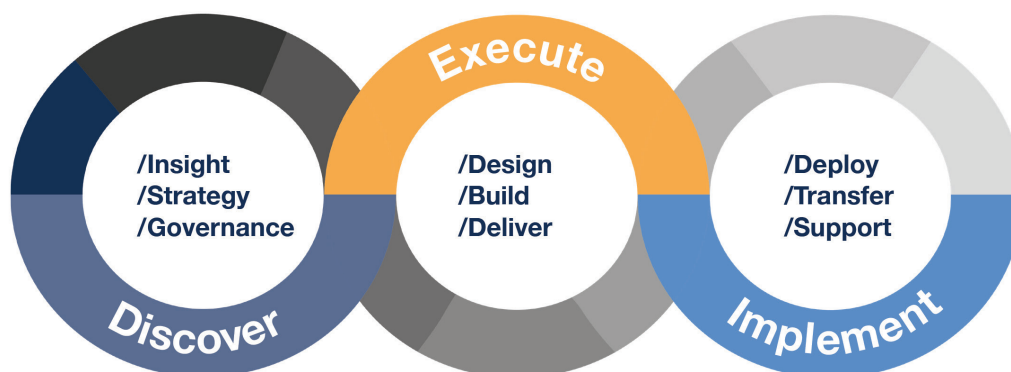
Invenica is an independent technology development and consultancy company. We use technology innovation to solve difficult problems for our clients.

We have deep technical and industry knowledge, and a breadth of experience delivering complex enterprise projects. We work for global blue-chip companies, delivering mission critical solutions in the most demanding of environments. We help our clients develop a clear IT strategy – working with them on POCs and Prototypes that deliver a tested and “fast tracked” approach.

/Discover The Possible

We launched our “**Discover the Possible**” program in January, and over the coming year, we will be exploring the challenges and opportunities of emerging technology. We will be separating the fact from the fiction, translating the buzz words and jargon into simple plain language, and analysing real business use cases. Our team will be collaborating with our clients, partners and subject matter experts across the markets creating whitepapers, webinars and industry articles to spark discussion and debate.

/Delivery Framework



We build solutions that perform in the most demanding of client environments and have a rigorous testing and quality assurance process. Our clients trust us to deliver a “right first time” deployment and migration path for the solutions being developed.

We have just published our Blockchain whitepaper and Retail industry article, as part of our Discover The Possible program. To download the content, visit www.invenica.com/discover

To keep up to date, visit www.invenica.com or follow us on Twitter and LinkedIn.