

getronics

AQQUM
Blockchain as
a Service

The business case for blockchain

Blockchain is already playing an important role across different industries, especially with data becoming your key asset.



Immutability

Blockchains can offer near-immutable transactions. This makes a strong use case in industries where records need to be verified and accurate, such as medical records, land deeds, birth certificates, or social security numbers.



Security at the core

Blockchain is especially secure when compared to typical databases or IP addresses that are controlled by one central authority. This makes it much less likely to be the target of a hack as there is no one single point of failure.



Redundancy

Using blockchain, you have the same set of data distributed in multiple places, which means that the data is extremely secure and practically impossible to lose. This is a huge advantage for a large and small business that suffer data leaks and hacks.



Cost Reduction

Blockchain runs over a network of nodes, meaning you no longer need the additional staff members to maintain a DevOps system. A small business can make significant cost savings by using blockchain and smart contracts to cut out middlemen for administrative tasks.



Accountability

Businesses and individuals alike can be sure that the data is accurate, without any banking insurance or additional verification needed because the digital identity of each contributor is clear. This makes it easier for companies to hold people accountable for any attempt at entering wrongful data into the system.



82% of respondents said that they are hiring staff with blockchain expertise or plan to do so within the next 12 months (versus 73% last year)¹

¹ Deloitte, 2020

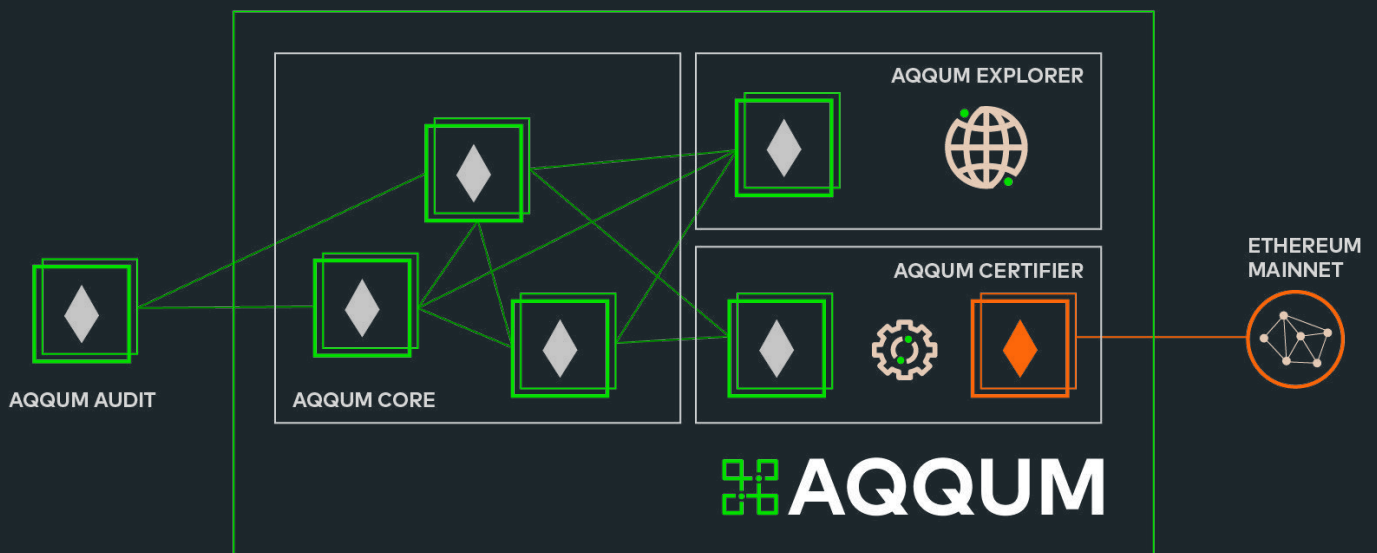
Getronics AQQUM Blockchain as a service

Blockchain is often seen as one of the most disruptive technologies available, while at the same time, the one which has delivered the least.

Getronics AQQUM looks to turn around this conversation by providing a pragmatic, blockchain as a service solution, a private platform fully hosted on our European datacentres, GDPR-compliant, which allows an easy entry for businesses into the world of blockchain and its benefits:

- Improved processes through automation.
- Increased efficiencies, cutting out the middleman function.
- New sources of revenue by creating new business models.

Getronics AQQUM also interconnects with other ledger networks, private or public, whatever the consortium, achieving process automation end-to-end.



High Availability

Node's redundancy guarantee the network will keep running even if a node is offline. Nodes and connection are replicated to ensure network stability.

Security & Reliability

Data stored in AQQUM is protected against tampering procedures. Blockchain consensus mechanisms avoid removing or altering any data once is validated.

Transparency and Auditability

We encourage our customers to install an AQQUM Audit node in-house to gain auditability. Certification Ethereum module allows to validate chains to third parties.

Lower and Predictable costs

We offer much lower costs in comparison with public blockchains, avoiding huge fluctuation of operational costs (miner fees). We provide our customers with the billing method that best suits their needs (monthly fee, pay-per-transaction...)

A smooth blockchain adoption

With plenty of choices in the market and the challenge of not knowing where to start or what makes the most sense for your business, we are ready to guide in the process to get the most value for your blockchain investment.

Step by step



- Start with simple processes.
- Create digital evidences notarised in blockchain
- Fully automate processes with trustful third party inputs
- Reduce automation cost with verifiable credentials and DID
- Build in business rules with DID and smart contracts

Avoid risk



- Choose a blockchain network aligned with your corporate standards
- Become blockchain technology agnostic by using middleware and business solutions

Focus on pragmatism



- Create digital evidences securised in blockchain
- Integrate blockchain with your legacy via APIs
- Design, create, deploy and execute smartcontracts with dedicated middleware
- Use a blockchain automation platform for a higher cost reduction

Secure your investment



- Work with a trusted partner
 - Choose products that guarantee scalability, performance and security
 - Use techs that support interoperability among blockchains and compatibility with other technologies
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In practice: Food chain safety for hospitality

Getronics' Health Management System (HMS), Sfere, uses blockchain to create catering orders detailing medical dietary and nutritional directions for the patient treatment. Catering providers use this input to manufacture meals securely and label each product with a code ensuring safe delivery to patients.

The complete process is registered in blockchain to create proof-of-manufacturing, proof-of-order, and proof-of-delivery preventing mishandling risk across all parties: from food providers to hospital employees, while allowing service audit. **Using blockchain technology, we are improving safety across the food chain and at a lower cost.**

Think big, start small

Getronics Blockchain Services



Training Services

On onboarding, our experts will deliver workshop sessions for Smart Contract Development and deployment, blockchain installation, and management.



Blockchain Business Solutions

Access to our partner products of Blockchain Stamper and Lorena platform based on blockchain without coming across any additional complexities or technology risks.



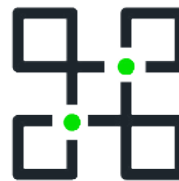
Solution Development

Solution and Smart Contract development. Application life cycle fully covered, based on key technologies and standards.



Consulting Services

Get the best value by adapting the operations of the blockchain solution to the business needs of your organisation. Includes: security analysis, quality assurance for Smart Contracts, and Blockchain infrastructure.

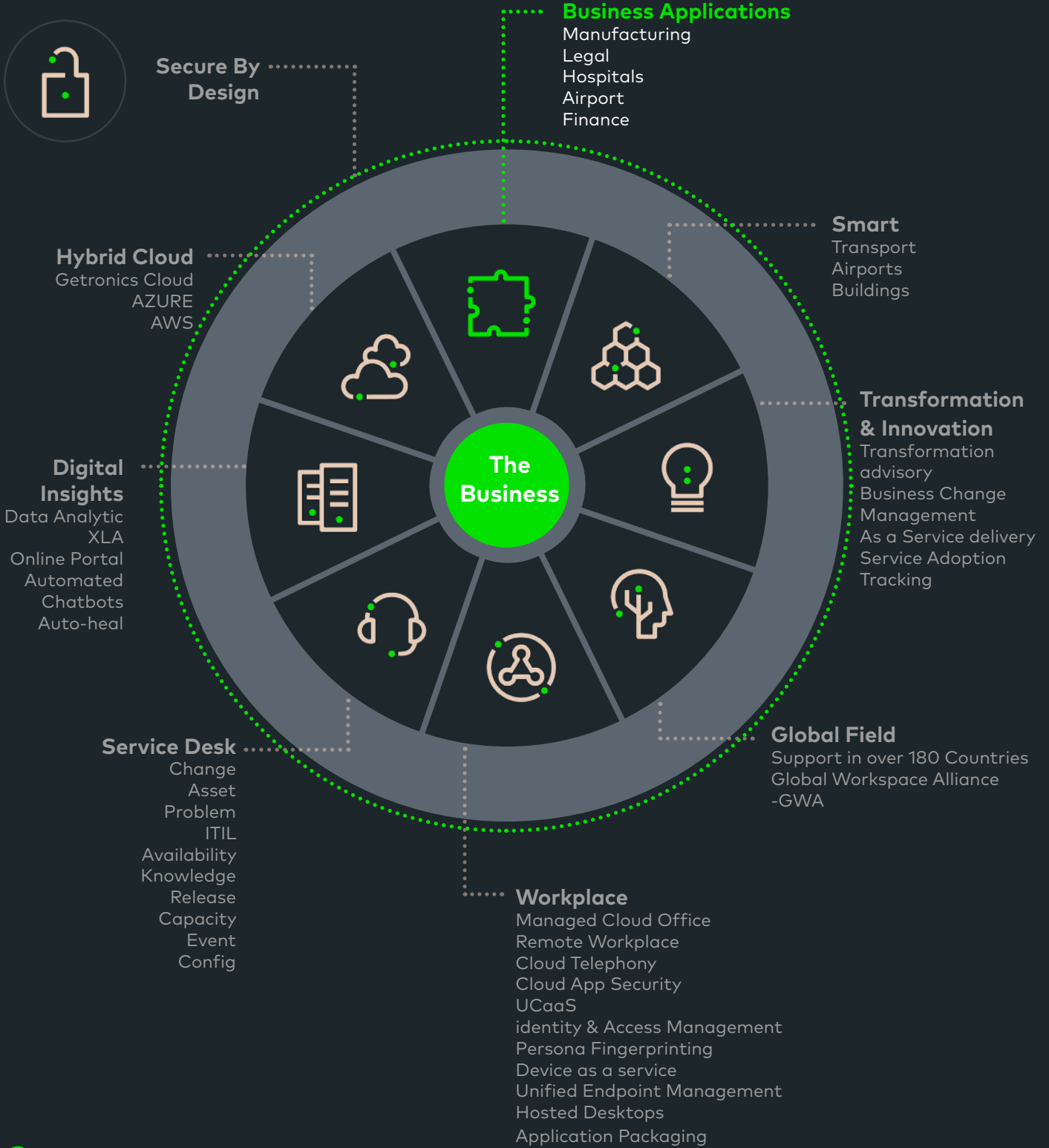


Blockchain Infrastructure

We leverage our own platform to provide Blockchain as a Service infrastructure – this means you are fully isolated from the complexity of adopting blockchain technology.



Bringing it all together



Contact us

Get in touch with our experts and learn how blockchain can help you transform your business today.

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