



# DLT and crypto

## Is this you?



Have you followed the emergence of Bitcoin, cryptocurrencies and their underlying blockchain and distributed ledger technologies, and how these may fundamentally change financial services and many other industries? Have you already designed a strategy to address these changes, and are you considering creating your infrastructure to participate

in the crypto-economy, e.g. integrating crypto in your banking services, using DLT to optimise trading of traditional and/or crypto assets, or considering creating new services tokenising and trading digital assets? If so, then this is the ideal guide to get you started.

## DLT and crypto: secure automation, modern crypto-asset solutions and DeFi (Decentralised Finance)



Finance and workflows are changing. New paradigms are emerging and the way that we think about multi-party transactions or exchanges of value could be changed forever. Latest advances in the crypto and DLT space are at the verge of transforming not just the financial services sector but any industry that can benefit from more seamless, reliable and traceable value transactions. The latest developments in DLT of cryptocurrencies, tokenisation and digital assets bring opportunities for innovation and disruption in capital markets, retail banking, insurance and a range of other industries from real estate to manufacturing.

Signs of this transition are everywhere. Going beyond initial cryptocurrency and ICO speculation, in 2019, Decentralised Finance networks grossed more than \$1B in assets for services that include custody, lending and payments. Although slightly down on 2018 (due to the de-hype of the space) financing in crypto capped at about \$2,300 million dollars, and investment in reliable tokenised securities is growing rapidly in substitution of the ground-breaking but unregulated ICO boom. We

are seeing this sea change as well in our clients' projects, who have moved from working on PoCs to enterprise grade projects, in order to position themselves well for the huge opportunities the shift to the crypto-economy is promising.

Historically, this field has mostly been dominated by dedicated crypto-exchanges. Due to client demand, these exchanges are transforming and starting to resemble banks for the crypto-economy. It is not just dedicated crypto start-ups, disruptive FinTechs and neo-banks, but now also well-known incumbents in the financial services sector are starting to build crypto and DLT into their offerings. This includes practically all tier one banks and the majority of exchanges. Centralised digital banking currencies and national blockchain networks (under development in different countries) also promise to build a mainstream infrastructure for what we see happening in the crypto-economy. In the not-too-distant future, DLT could be at the heart of the economy, underpinning both retail and capital markets.

## Get started with DLT and crypto



**Getting the right use case for a DLT application, building out smart contract-driven DLT networks and developing infrastructure and security systems for crypto-exchanges are non-trivial pursuits. With a broad experience in this field, GFT has a wide range of accelerators and assets that can help you get off the ground quickly.**

GFT cares about the success of its clients' projects and puts that at the heart of each and every project. When analysing technical and functional aspects of a DLT or crypto-exchange project, that is no different. Significant work must be done to analyse a use case, select and vet the appropriate technology, design a build (taking into account site reliability engineering and cybersecurity issues

specifically appropriate to this field) and estimate/plan the build. Our approach would be as follows:

- Feasibility study and workshops
- Platform analysis
- Design workshops and creation of high-level architecture design (including security and site reliability analysis)
- Pre-build estimation of effort
- Build and post-build release management

**If you would like to get started with DLT and crypto, the initial first step is to participate in a feasibility study to understand your existing landscape and the challenges you need to overcome.**

**For further details, please contact [david.creer@gft.com](mailto:david.creer@gft.com)**



## Our DLT and crypto credentials



GFT has been working in the DLT space for more than 6 years. We have partnered with most tier one banks and have a large multinational DLT practice that prides itself on the quality of the engineers' work and their ability to be completely technology-agnostic. GFT has been mentioned in Gartner's Toolkit: 'Vendor Identification for Blockchain Service Providers' and 'Market Guide for Blockchain Consulting and Proof-of-Concept Development Services' for 3 years in a row and was also ranked as star performer in the major contenders' section of the Everest Peak Matrix for Enterprise Blockchain Services 2020.

GFT has worked on projects in the following areas:

- Investment banking
- DLT solutions for traditional exchanges
- Retail banking
- Supply chain
- Pharmaceutical
- International payments
- Insurance
- Tourism
- Crypto-exchange development
- Development for solution provider

## About GFT



GFT Technologies SE is a global technology partner focused on digital transformation in the financial sector. Founded in 1987, we have over 6,000 specialists in 15 countries.

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