

Latest information regarding the
B2E Technology Services -
Blockchain Service Offering



TECHNOLOGY SERVICES - BLOCKCHAIN

For improving your value chain

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BLOCKCHAIN OVERVIEW

A technology to speed up business processes and provide assurance across organisation boundaries.

“Blockchain technology allows flow of transactions across multiple parties, with data being intrinsically secure and easily auditable for transactions.”

The technology behind blockchain is having a common ledger of data, that is distributed to multiple parties using the internet. This information is available to all parties via a secure data chain without the need for a central co-ordinator. The technology means that any changes of data have to be agreed by all parties that are part of the blockchain and hence provides assurance and inherent trust to all users.

Blockchain deployment is ideal when your organisation works across boundaries to deliver an end-to-end business service or process. Your blockchain design will allow a set of business rules to be distributed to multiple parties, without costly infrastructure and allow a process that is fully secured and auditable.



TYPICAL CHALLENGES

There are a vast array of areas where Blockchain can provide benefit. Here are some examples to consider:

Supply chain - Data Accuracy

A freight forwarder will want core data elements all on a shared ledger, which give common immutable information to all parties on the data properties of the freight. It also allows regulator bodies (say like customs) assurance that there has been no external tampering with key data such as address, goods description, weight etc.

Finance - Speeding up of transactions between multiple parties.

In the financing part of an asset, there will be several players (e.g. bank, lessor, customer, insurance company, government authority etc). They all need certainty that the assets location and key data on that asset is correct at all times. A block chain ensures a single source of truth for all transactions. A single version of data reduces resources spent on data inaccuracy, data validation and aligning systems.

Asset Maintenance – Transaction tracking between different players

In the asset maintenance process, there are multiple players (asset owners, maintenance staff, sub-contractors, banks, government institutions, transporters etc.) who want to have the most up to date asset life-cycle information and to avoid duplicate data on the asset. Impairments of assets can be a major surprise to organisation. Having a blockchain process would reduce surprises and provides assurance that the asset management process is working well whilst ensuring seamless introduction of new parties.

Outsourcing - Transaction Optimisation

Many large organisations have a high level of outsourcing. This is where work might pass between multiple partners and need to be tracked, revision-controlled and easily audited/verified. Blockchain technology can allow the company to have multiple outsourcers or even allow them to deliver the same work based on a set of immutable business rules. This means the choice of provider can be expanded without having to build added costly quality management processes.

UNIQUE SOLUTIONS

In modern times, innovation is imperative for any organisation.

For example, a large service provider may be using legacy infrastructure or services. This means investment, in expensive new technology products, large migration projects, and user disruption. This in turn involves training, and development of resources, including new hires.

This is an extremely risky and expensive undertaking for most large organisations.

B2E are able to de-risk this process, by providing specialists who know what tools and processes are needed to deliver this change.

We are able to offer an end-to-end service to take your business to the cutting edge. For a period of one or two years, B2E will advise, establish and deliver the technology change required to boost your business services.

B2E also offer a tailor-made consultancy service designed to augment your technology teams.

B2E's mission is to work with your existing teams to produce the most innovative solutions in your industry.



Ketan Varia is a B2E Consulting Principal working on the Blockchain Service Offering. He has spent 20 years working in the consulting industry including design and implementation of large-scale IT Change Projects.

He is an expert at improving complex business processes and managing operational change. Ketan has written a book on business change management that has had excellent reviews. Ketan has delivered change projects for several global organisations, including Caterpillar, EMI Music, Hertz Cars, Barclays Bank and ADP. He has worked in 11 countries including Brazil, Sri Lanka and Australia.



Aruna Koya is also a B2E Consulting Principal working on the Blockchain Service Offering. She has spent 20 years working in the IT industry, starting as Software Developer then Department Head & Delivery related roles,

progressing through to Director level. She has worked for several global organisations, including Nokia, Verizon, and has more recently, helped to scale up the teams at Songkick. Her most recent projects, have seen her working to design and develop Blockchain solutions using Hyperledger, in the private, permissioned format for Enterprise solutions.

Service Offerings at B2E Consulting are supported by our community of over 20,000 high calibre, expert consultants, many with Blockchain experience. Our scale means that we are able to build teams of genuine SMEs to help support client initiatives.



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3. We understand transformation - our B2E team share >200 years top tier consultancy experience

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top 10 global
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