

How you can benefit from Blockchain Technology!

Gartner Inc. considers Blockchain as one of the 10 most important IT trends for 2020. Gartner forecasts that the business value generated by Blockchain will grow rapidly, reaching \$176 billion by 2025 and \$3.1 trillion by 2030. The digital disruption of Blockchain technology can secure and automate your critical business processes by increasing transparency and reducing costs. AdEx Partners will support you to identify Blockchain use cases to solve your business challenges.

What is a Blockchain?

Blockchain is an immutable database or a constantly growing data set, a chain of connected blocks. Each block is linked and secured using cryptography, with each block containing the hash (input) of the previous block. A Blockchain acts as a decentralized database (the so-called ledger) that is managed by computers that belong to a peer-to-peer (P2P) network.

Each of the computers in the distributed network keeps a copy of the ledger to avoid a single source of error. All copies are updated and validated at the same time. This makes Blockchain technology more trustworthy. In the past, Blockchain has often been associated with digital currencies. Today, Blockchain applications are understood as a safe and inexpensive way to manage all kinds of digital transactions.

The Blockchain technology will disrupt several processes in different industries e.g. like Pharma, Finance, Logistics, Real Estate and Retail. Use cases around smart contracts and digital identities offer significant business value for process improvements and business reinventions across industries.

How can your company benefit from Blockchain solutions?

Blockchain solutions are much more than cryptocurrencies which can be considered as methodological proof of concept.

Blockchain are a tool to safely share own data with business partners and use them following non-negotiable operational rules.

Project example – Supporting a Pharma company with a platform for decentralized data exchange across multiple Blockchain participants.

AdEx Partners and our technology partner Spherity support a pharmaceutical company with the development and implementation of a Blockchain-based solution for third party risk management. The solution enables Pharma companies to exchange verifiable and self-sovereign data along supply chains. This reduces the supplier onboarding efforts by 90%.

From business perspective, Blockchain solutions offer the possibility to intensify collaboration across corporate borders.

Here are exemplary use cases for three different Industries which of course can be modified to meet practical needs also in other industries:

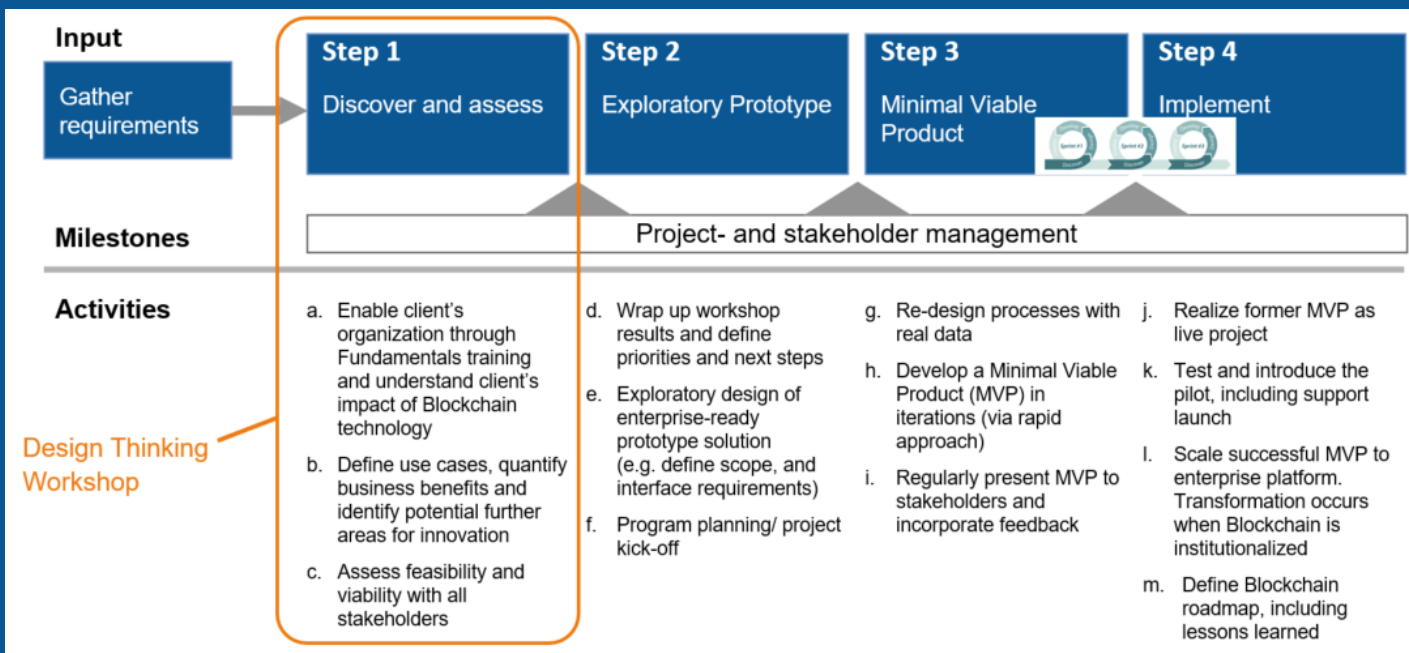
- **Retail:** identify product forgeries of even perfect quality; proof the regional origin and

ownership of products; verify the service history of long-term assets

- **Logistics:** protocol the global journey of shipments; provide shipment details despite multiple unloading and reloading steps before reaching the final hub; easily clear containers and their content at the customs
- **Pharma:** verify production parameters of medically active ingredients across logistic steps and product processing; track and trace products across trading routes

extensive industry know-how. In addition, we offer strong process knowledge along the entire value chain, which we combine with our focus on new digital technologies. Our experience in the broad arena of Blockchain projects also enables us to implement your suggestions.

The AdEx approach consists of 4 steps. In step 1, client specific use cases are identified, followed by an exploratory prototype in Step 2. The implementation is conducted in an agile setup (step 3,4). This approach allows you to collect low hanging fruits and benefit from quick wins.



How can AdEx Partners determine the value of Blockchain for your business?

AdEx Partners has a proven track record in several industries around Blockchain implementations. With a focus on translating business needs to technical requirements, we support our customers to take maximum benefit from using Blockchain solutions.

Contrary to most consultancies around Blockchain, we do not only consider technical or business aspects but we combine the skill and experience of both worlds.

For example, we have many years of experience in strategy and innovation consulting, as well as

Our cooperation does not have to end with the completed roll-out of the finalized solution. AdEx Partners has strong capabilities and skilled resources to support you with the management and coordination of your digital transformation program.

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