

Establishing Shared Truth with Blockchain

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Technology has always affected how we do business



But business is still built on trust



Traditional methods of establishing trust across organizations are inefficient



Enterprise needs a better approach



Remove friction and allow direct interaction between parties

Reduce security threats from fraud, hacking, and data manipulation

Increase Speed

Use a shared data source for transparency across organizations and increased end-to-end speed



Type of Blockchain networks



Is blockchain right fit?

Applications have similar patterns, across industries



How to prospect opportunities?

Answering a few questions can determine if blockchain is appropriate

Is there sponsorship for the project from business/leadership ? Is the pain related to a business process that crosses the trust boundaries and where parties work on the same data?

Do all members see the value and agreed to join a consortium?

Microsoft

What is Azure building?

Blockchain wasn't built for enterprise

Ledgers designed for public networks

Lack the performance, confidentiality, and governance capabilities needed for commercial use

Smart contracts demand bespoke development and new skills

Not designed to leverage existing enterprise tools and skill sets

Integration is difficult and costly

Connecting to existing IT architecture requires significant investment



We've taken steps to create a platform that would tackle those challenges



Microsoft

We started by populating modular preconfigured templates and infrastructure



Choose the ledger that meets your needs

Deploy on flexible topologies (dev test, singlenode, or multi-node) so you

can expand when you're ready

Now, we've built a simple interface for deploying these services and authoring smart contracts



Azure Blockchain Workbench



Microsoft

With a clear, simplified approach





Some real examples

Plateforme applicative – Illustration IoT et blockchain



Blockchain IoT