

PYTHIAN BLOCKCHAIN SOLUTIONS ON MICROSOFT AZURE

Blockchain's distributed, peer-to-peer approach to maintaining records means it's well positioned to serve highly regulated businesses where both the traceability and security of data are critical. Its unique architecture is one reason blockchain is particularly well suited to use cases like asset management, software provenance, contract negotiation and efficient supply chains.

Pythian offers Software as a Service (SaaS) or customized solutions to suit your needs.

Our service delivery is based on these principles:

- **Real business solutions with blockchain:** No one-size-fits-all approach—Pythian services coupled with Microsoft's Azure platform make it easy to get started and iterate quickly with the blockchain of your choice, both on-premises and in the cloud.
- **Enterprise ready:** Our services address business needs using blockchain. And by leveraging the technologies your enterprise is already using, we can help you build reliable enterprise-grade applications.
- **Integrated with your business:** Merge blockchain with the IT assets you already have. Microsoft Azure lets you integrate blockchain with the cloud services your organization uses to power shared processes.

PYTHIAN ASSET MANAGEMENT

Pythian Asset Management is a SaaS product built on Microsoft Azure to accelerate the management of digital assets and other blockchain projects on Distributed Ledger Technologies like Ethereum. We are continually building on our solutions to address new use cases that deliver value to businesses.

Asset management is just one of the many use cases primed for disruption by blockchain technology. In highly regulated sectors like finance and health care, asset management on blockchain has the potential to streamline processes and reduce costs by removing the need for third-party intermediaries, improving security by validating ownership of digital assets, and reducing the vulnerability of data.

Whenever there is an exchange of assets—from data to goods to contracts or software assets—there is room for error in validating ownership and orchestrating the delivery of assets. This is where blockchain technology can provide a higher degree of traceability and reliability.

By making use of the available blockchain accelerators on Microsoft Azure, Pythian can quickly deliver business solutions on blockchain to meet today's asset management challenges.

PYTHIAN BLOCKCHAIN SOLUTIONS DELIVER

Pythian Blockchain Solutions, including Pythian Asset Management SaaS, are designed to help companies adopt secure multi-party collaboration by implementing blockchain technology based on open, scalable platforms and services to improve shared business processes.

We guide you through every stage of your blockchain project, from planning and architecting a solution that fits the business need, through the implementation of testing environments through to delivering the production-ready system.

We help you with:

- Solution creation
- Testing and validation
- Push to production
- Ongoing operations

HOW PYTHIAN USES MICROSOFT AZURE TO ACCELERATE BLOCKCHAIN PROJECTS

A mature business solution that uses any blockchain technology needs to connect to the existing business architecture. Pythian's offerings rely on best practice Azure services to accelerate development, ensure security, and reduce ongoing maintenance. We spend time on your business's custom needs, not on making needlessly complicated solutions that slow down delivery. Our solution uses your existing Azure Active Directory to validate identity and access control. We use the same critical Microsoft Azure services as you do:

- Azure Blockchain as a Service
- Azure SQL Database
- Azure Key Vault
- Azure App Service
- Azure Active Directory
- Azure Cosmos DB
- Azure Functions
- Azure Event Grid

TECHNOLOGIES PYTHIAN SUPPORTS IN BLOCKCHAIN INITIATIVES:

Pythian supports these technologies within its blockchain projects.

- Full webdev stack in the cloud or on-premises for off-chain portal, client, and agents.
- Quorum (Ethereum derived, consortium private chain)
- EDCC/Contract development in supported platforms
- NEO
- Ethereum public and private chain.
- HyperLedger Fabric
- Full blockchain test-driven-development and deployment strategies
- R3 Corda
- HyperLedger Sawtooth
- Chain Core
- HyperLedger Iroha Identity

GET STARTED TODAY

Pythian is a Microsoft Gold Certified Partner for Data Platform and a Microsoft Silver Certified Partner for Cloud Platform. We have deep expertise in solving business issues with technology solutions in the areas ranging from cloud services, to big data analytics, to devops to blockchain.

[Contact](#) Pythian to learn more about our solutions.