



Harnessing the Power
of Enterprise Clouds

Interoperate across multiple types of blockchains – public and permissioned with BlockCypher and Nutanix

KEY BENEFITS FOR BUSINESS AND IT

- Blockchain infrastructure on premise in minutes
- Faster deployment for multiple blockchains, reducing costs and need for specialized IT personnel
- Performance of thousands of requests per second while leveraging the agility of virtualization

Over the last few years, private and public organizations have shown how the blockchain can transform banking, energy, supply chain, healthcare and other industries, leading to billions of dollars in cost savings and benefits. With blockchain technology, costly intermediaries and fees can be removed from payments and supply chains. The time it takes to make an asset transfer or other transaction can be reduced from months to minutes, or less. The blockchain's real-time transparency can also dramatically reduce the time needed to update people and the costs of maintaining redundant data. As a result, organizations around the world have projects to harness blockchain technology as part of their digital transformation strategy.

Blockchain infrastructure and applications can be time consuming to deploy, expensive to manage and difficult to scale. Blockchain protocols change frequently, requiring developers to devote a lot of time in developing expertise in a particular blockchain. Blockchain resources are also difficult to find, Blockchain applications are often developed for a specific blockchain and don't work across multiple blockchains. As businesses evolve, they need to add more and new types of blockchains. Enterprises want an infrastructure that delivers cloud-like agility, flexibility, and scalability for their blockchain deployments – but with the performance and trusted security of their on-premise environments.

Together, Nutanix and BlockCypher deliver next-generation blockchain infrastructure that delivers cloud-like economics and agility, but with the security and reliability of on-premises solutions. In addition to scaling blockchain infrastructure on premise for a single blockchain, BlockCypher on Nutanix enables organizations to interoperate across multiple types of blockchains – public and permissioned.

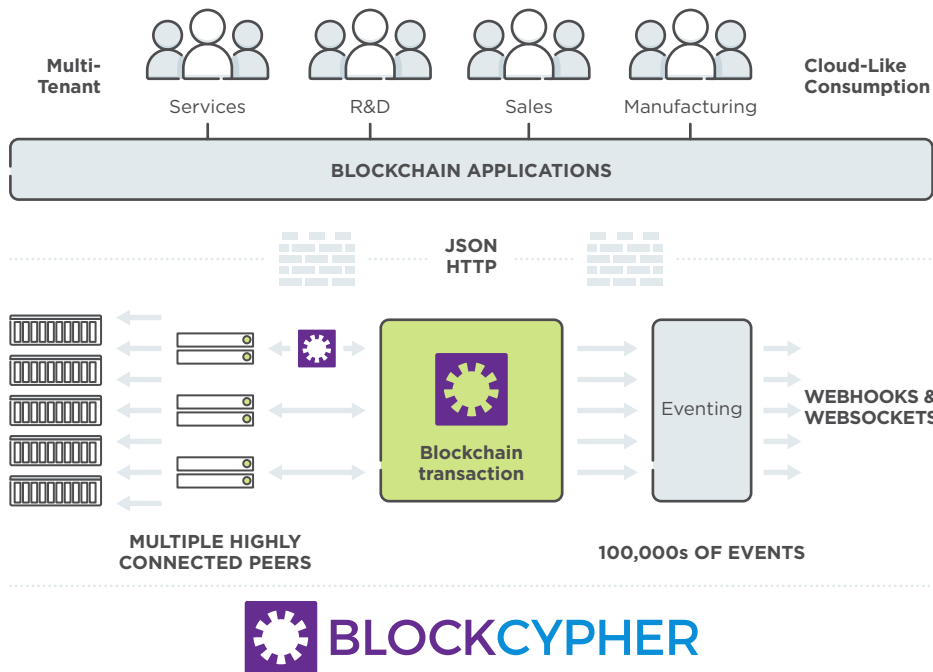
BlockCypher enables enterprises to start creating future proofed blockchain applications through blockchain agnostic web services – immediately. BlockCypher's software helps to simplify blockchain infrastructure, reducing time to market by 6 months and developer costs by over 30 percent, and enabling applications that work across permissioned and public blockchains environments in a secure and scalable environment.

Nutanix makes infrastructure invisible, by natively converging compute, virtualization, and storage into one solution. As a result, enterprise IT teams can focus on the applications and services that power their business. Using Nutanix, customers experience predictable performance, linear scalability, robust security, and cloud-like infrastructure consumption.

¹ Profiles in Innovation: Blockchain, Goldman Sachs, May 2016

² How Blockchain Technology is Reinventing Global Trade Efficiency, Distributed, May 2016

³ <https://healthitsecurity.com/features/why-blockchain-technology-matters-for-healthcare-security>



SOLUTION OVERVIEW

With BlockCypher and Nutanix, businesses can quickly create a blockchain environment that will support multiple blockchains. Joint customer benefits include:

Scalable blockchain infrastructure that can be deployed on premise in minutes

- Eliminate need for specialized blockchain resources
- Enables deployment of multiple blockchains on same infrastructure
- Reduce time in configuring blockchains on premise

Future proof applications and lower costs of deploying multiple blockchains

- Reduce time needed to keep up with new blockchains and frequent updates of existing blockchains
- Eliminate complete re-write of applications when blockchain is updated or needs to be added

Pre-built, interoperable web services

- Web services for identity management, payments, transactions and fraud/operational analytics
- Interoperable with existing systems



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TECHNICAL RESOURCES

<https://www.blockcypher.com/dev/>

NUTANIX READY



All products featured in Nutanix Ready have completed verification testing, thereby providing confidence in joint solution compatibility. Leveraging its industry leading alliances and partner ecosystem, Nutanix Ready showcases select trusted solutions designed to meet a variety of business needs. Nutanix Ready demonstrates current mutual product compatibility, continued industry relationships, and interoperability.

ABOUT BLOCKCYPHER

Nutanix and BlockCypher are committed to our customers' success. We offer a wide range of services, around design, deployment, and optimization, as well as custom services tailored to customers' needs.



Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix enterprise cloud platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence. The result is predictable performance, cloud-like infrastructure consumption, robust security, and seamless application mobility for a broad range of enterprise applications. Learn more at www.nutanix.com or follow us on [Twitter@nutanix](https://twitter.com/nutanix).

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