

QUARTZ



Quartz™ Gateway



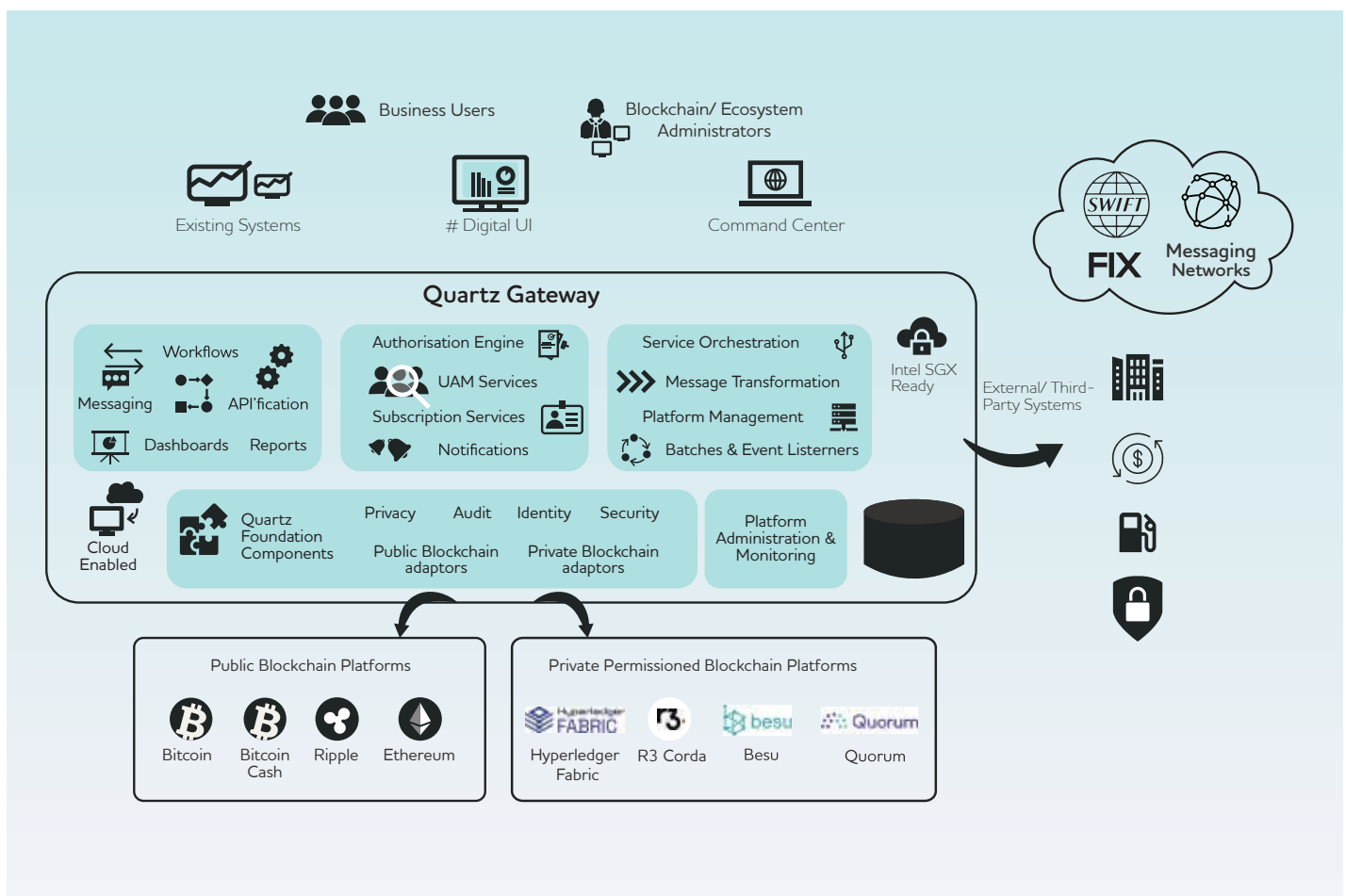
Challenge

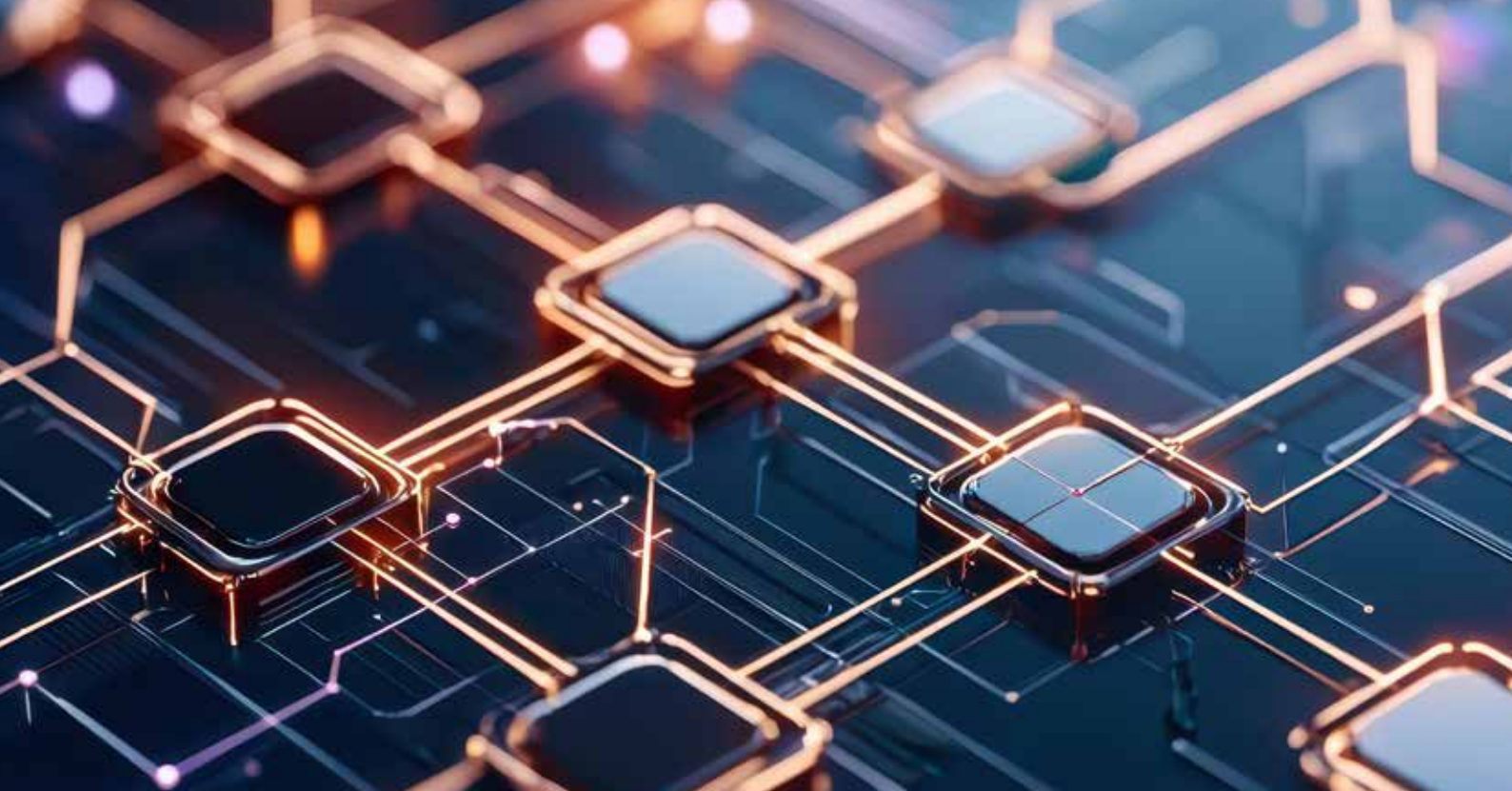
The introduction of blockchain into an ecosystem implies that it needs to 'integrate' all connecting systems or nodes, such an integration is needed, to not only enable a handshake of existing systems with the blockchain and enable co-existence of these systems with blockchain, but to also allow the ecosystem to interface with other blockchain networks as well as standard messaging networks to ensure interoperability and leverage of data standards. In the absence of such an approach, enterprises would need to deal with significant challenges in rolling out services that leverage this technology.

Solution

Quartz Gateway is a single, smart channel that can help integrate applications with various blockchain platforms, industry networks and ecosystems using simple REST APIs. Using the Quartz Gateway, organizations can connect seamlessly to multiple blockchain platforms, thereby eliminating the need for large scale and continuous changes to be made to their existing systems. It facilitates interoperability between blockchains and with other messaging networks, and industry standards like ISO. It also supports orchestration of services across multiple blockchain platforms thus delivering agility and flexibility to organizations operating diverse business processes.

The Quartz Gateway's Command Center module helps a blockchain sponsor, to administer and maintain oversight of the entire blockchain network. It provides a comprehensive visual representation of all the activities taking place within the blockchain ecosystem at any point in time and allows the system administrator of the sponsor to make key decisions when administering the network.





Benefits

- Enables coexistence of existing systems with blockchain
- Offers audit features for all the messages and API service requests that are received and processed

Quartz Advantage

- The solution brings together third-party solutions, legacy applications and messaging middleware in a connected ecosystem
- Enables firms to connect to various platforms in a faster and efficient manner

About Quartz

Quartz provides foundational technology, tools and business components that harness the power of next-gen technologies including DLT, AI/ML (including GenAI) for organizations across varied industries, including Financial Services, Banking, Supply Chain, Energy & Utilities and eGovernance. Backed by awards from Juniper Research (Gold Winner for Digital Identity Innovation 2024), the Asian Banker (Best Fraud Prevention Technology Implementation 2023), Financial Technology Forum (Best New Post Trade Solution of the Year 2022), Asset Servicing Times (Outstanding Innovation Award 2022) and recognition from Analysts (ranked #1 Best Performing Fraud Management Solution by IBS Intelligence 2022) Quartz can help organizations operate at the forefront of technology innovation.

To know more about Quartz, please write to us at tcs.quartz@tcs.com, or visit our website <https://www.tcs.com/what-we-do/products-platforms/quartz>

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services (TCS) (BSE: 532540, NSE: TCS) is a digital transformation and technology partner of choice for industry-leading organizations worldwide. Since its inception in 1968, TCS has upheld the highest standards of innovation, engineering excellence and customer service.

Rooted in the heritage of the Tata Group, TCS is focused on creating long term value for its clients, its investors, its employees, and the community at large. With a highly skilled workforce of over 607,979 consultants in 55 countries and 180 service delivery centers across the world, the company has been recognized as a top employer in six continents. With the ability to rapidly apply and scale new technologies, the company has built long term partnerships with its clients – helping them emerge as perpetually adaptive enterprises. Many of these relationships have endured into decades and navigated every technology cycle, from mainframes in the 1970s to Artificial Intelligence today.

TCS sponsors 14 of the world's most prestigious marathons and endurance events, including the TCS New York City Marathon, TCS London Marathon and TCS Sydney Marathon with a focus on promoting health, sustainability, and community empowerment.

TCS generated consolidated revenues of over US \$30 billion in the fiscal year ended March 31, 2025. For more information, visit www.tcs.com