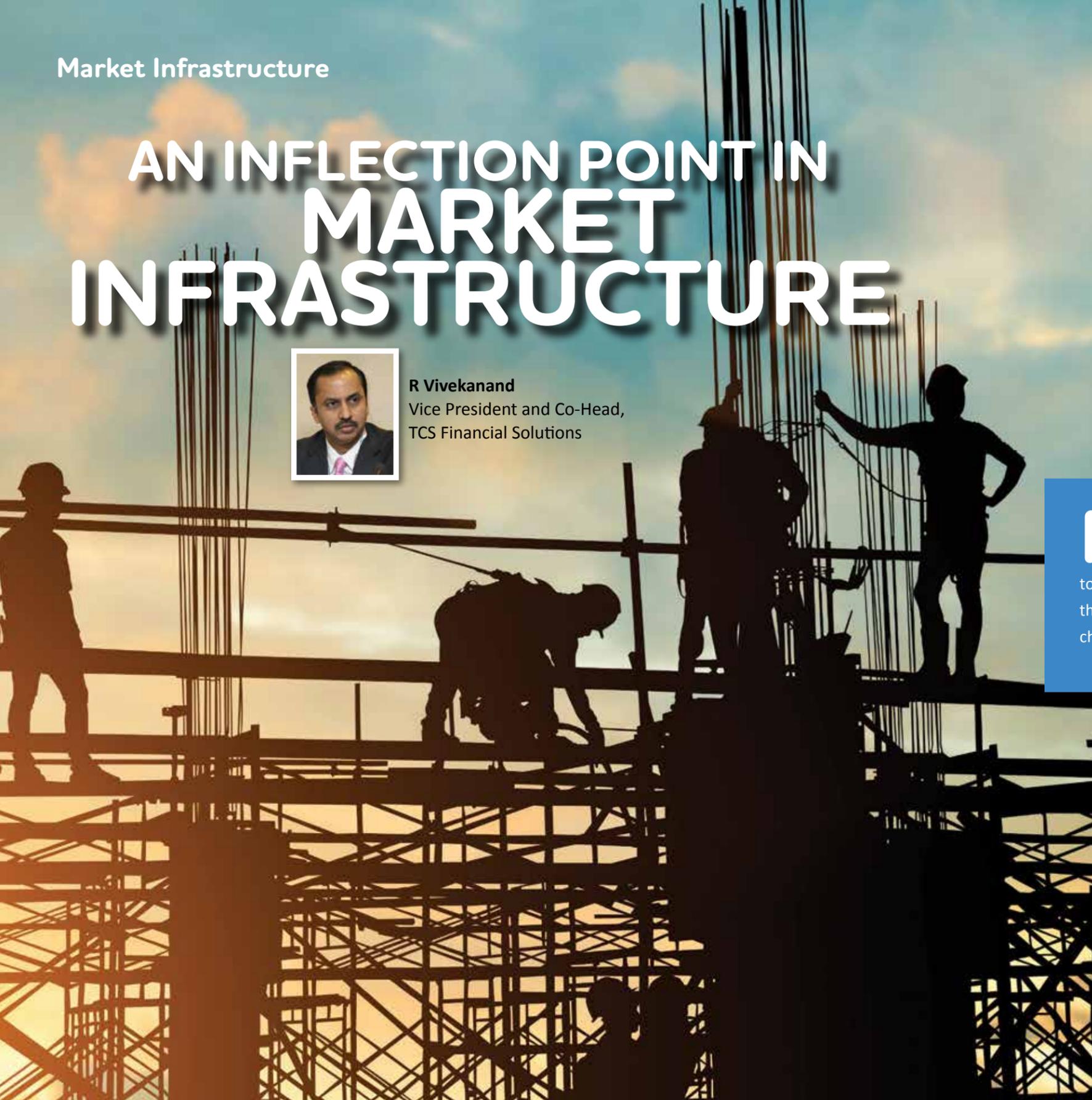


AN INFLECTION POINT IN MARKET INFRASTRUCTURE



R Vivekanand
Vice President and Co-Head,
TCS Financial Solutions



The pandemic has brought about a new set of challenges for Market Infrastructure Institutions, or MIIs. They have grown more than most segments, driven by retail interest and surplus liquidity. They have also faced waves of change, both regulatory and disruptive. This applies to all asset classes, and Payment infrastructures.

MIIs now need to combine high performance, low latency and best-in-class resilience with the agility to introduce new products/asset classes, and handle next generation tokenized assets/NFTs. Most MIIs are actively looking at the possibilities for supporting regulated cryptocurrencies, NFTs, and leveraging distributed ledgers, tracking real-world assets such as property, fine art, and other assets in cross-industry value chains, and some have moved past the pilot phase into actual deployments.

MIIs, whose indices reflect economic growth and capital, and are in constant scrutiny, need to change faster, and in more comprehensive ways, than ever before. It is this unique mix that makes this an inflection point in the Market Infrastructure space globally. In most markets, it is the biggest change since the introduction of Electronic Trading and Central Depositories, a generation ago.

Through the strong contextual knowledge built over almost three decades of close collaboration with MIIs, TCS has consistently worked to improve TCS BaNCS for Market MIIs, whose indices reflect economic growth and capital, and are in constant scrutiny, need to change faster, and in more comprehensive ways, than ever before. It is this unique mix that makes this an inflection point in the Market Infrastructure space globally. In most markets, it is the biggest change since the introduction of Electronic Trading and Central Depositories, a generation ago.

Infrastructure, fostering rapid evolution in terms of the breadth of components, the range of MIIs and asset classes supported by the solution, introducing high performance and low latency capabilities and in enabling readiness for new market models. Our Securities Trading solution has also evolved to handle more asset classes, and has now been selected by three MIIs for their Trading Front End and Order routing needs.

Market Infrastructure

We have also ensured that MIIs can coexist with the growth of tokenized securities with the recent introduction of Quartz for Markets. With Quartz, MIIs will be able to convert real-world assets such as high-end real estate and artwork into digital tokens and manage the full lifecycle of asset-backed tokens and NFTs, all in full compliance with relevant KYC/AML regulations and integrated with existing market infrastructure.

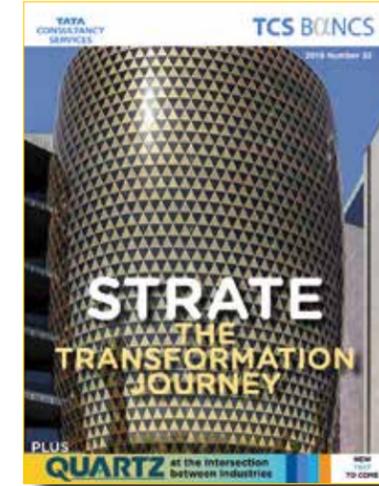
In addition, we are bringing together best-in-class solutions from our partners, some of whom are also from the industry, and our customers to create a solution map that addresses every need in this space.

TCS BaNCS for Market Infrastructure is now deployed globally for CSDs, clearinghouses, exchanges, central banks, and central payments infrastructures. In each and every deployment, TCS BaNCS for Market Infrastructure adapts to the specific needs of the marketplace, its regulators, investors, financial institutions, and other stakeholders. The continued evolution of the global marketplace has yielded tremendous diversity in terms of market models and market structure, and that diversity continues with the deployment and adoption of the latest technology.

Our recent launch of Quartz for Markets fully embodies that spirit of embracing change. Built on the principles of coexistence, integration, and interoperability, our flexible distributed technology solution for MIIs has the capability to incorporate tokenized assets into investor portfolios of all types and sizes. Already, Quartz has been selected by four MIIs in the last 6 months.

W

e look forward to continuing our pathbreaking journey with many more deployments, as we head into the future with a next generation solution set combining Quartz and TCS BaNCS, enabling growth and transformation of marketplaces and economies.



Strate (South Africa)

Single multi-asset class CSD solution with support for different settlement models.

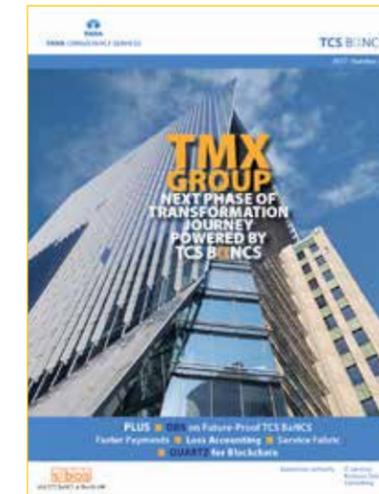
TCS BaNCS #32



Euroclear Finland

Full replacement of multiple legacy core systems onto single core system for securities issuance, safekeeping, account management, settlement, transfers, corporate actions, and more.

TCS BaNCS #30



TMX Group

Replacing legacy systems for TMX Group's cash clearing and derivatives clearing businesses, The Canadian Depository for Securities (CDS) and Canadian Derivatives Clearing Corporation (CDCC).

TCS BaNCS #28

Philippine Depository & Trust Corp.

Asia's first comprehensive depository system uses TCS BaNCS for Market Infrastructure to support an expanded range of services and capabilities including immobilized and dematerialized securities, value-added, integrated depository services, integration with RTGS, and multiple service and product lines on a single platform.

TCS BaNCS #31

Maroclear (Morocco)

Multi-asset class depository with reengineered post-trade activities, and the first cross-border securities settlement on blockchain.

TCS BaNCS #31