



TCS/PR/SE-131/2020-21

December 2, 2020

**National Stock Exchange of India Limited**  
**Exchange Plaza, Bandra Kurla Complex,**  
**Mumbai - 400051**  
**Symbol - TCS**

**BSE Limited**  
**P. J. Towers, Dalal Street,**  
**Mumbai -400001**  
**Scrip Code No. 532540 (BSE)**

Dear Sirs,

We are sending herewith copy of the Press Release titled “**TCS’ Quartz™ DevKit Adds Ethereum, Now Supports Top 3 Blockchain Platforms**” which will be disseminated shortly.

The Press release is self-explanatory.

Thanking you,

Yours faithfully,  
For **Tata Consultancy Services Limited**

A handwritten signature in blue ink, appearing to read 'Rajendra Moholkar', with a horizontal line underneath.

**Rajendra Moholkar**  
**Company Secretary**

**TATA CONSULTANCY SERVICES**

**TATA Consultancy Services Limited**

9th Floor Nirmal Building Nariman Point Mumbai 400 021

Tel. 91 22 6778 9595 Fax 91 22 6778 9660 e-mail corporate.office@tcs.com website www.tcs.com

Registered Office 9<sup>th</sup> Floor Nirmal Building Nariman Point Mumbai 400 021.

Corporate identification No. (CIN): L22210MH1995PLC084781

## **TCS' Quartz™ DevKit Adds Ethereum, Now Supports Top 3 Blockchain Platforms**

*Tata Consultancy Services' Quartz DevKit Solution Enables Enterprises to Rapidly Deploy Decentralized Business Solutions on Multiple Blockchain Technology Platforms*

**MUMBAI, December 02, 2020:** Tata Consultancy Services (TCS) (BSE: 532540, NSE: TCS), a leading global IT services, consulting, and business solutions organization, announced the availability of support for Ethereum in its Quartz™ DevKit solution. With this, the intuitive, unified development platform for decentralized applications now supports deployment of smart contracts on the top three blockchain platforms: Hyperledger Fabric, R3/Corda, and Ethereum.

Quartz DevKit allows programmers to write business code that can be translated and deployed based on the technical requirements of the underlying platform. The unified platform strategy ensures that developers have the freedom to work across blockchain technologies, and to deploy business applications in an agile development model. It comes bundled with several foundational features such as user access and version control, UI based deployment options, as well as built-in quality checks, which significantly improve code quality and productivity. Quartz DevKit has been used successfully in rolling out over 15 blockchain applications across various industry verticals, which stands testimony to its ability to enable organizations to implement blockchain technology at scale.

The unified solution has been enhanced to support Ethereum's functions and modifiers, enabling programmers to develop Ethereum Dapps and wallets. It generates smart contracts/ Ethereum Dapps using its advanced build framework, which can be directly deployed on an Ethereum network. The DevKit's built-in integrated development environment has been enhanced to support Solidity, one of the most popular and widely used Ethereum programming languages today. The code quality checker and vulnerability analyzer have been designed to help in the early detection of anomalies thus allowing programmers to generate a robust package for deployment.

*"Decentralized applications leveraging open platforms are becoming one of the most sought-after technology and design preferences for enterprises. With the Quartz Devkit, enterprises can now build next generation decentralized solutions that are scalable, interoperable, easily adoptable and support smart contracts across a range of industries. Ethereum with its ability to enable deployment of solutions on the public Ethereum Mainnet as well as on the private permissioned Ethereum enterprise blockchain, can offer the much-needed flexibility and choice in their product launch strategy. Quartz DevKit, with its advanced build framework and out-of-the-box support for Ethereum functions will empower the growing community of users and enterprises in deploying their decentralized applications on this technology,"* said **R Vivekanand, Global Head, Quartz, TCS.**

In line with TCS' multi-platform strategy, business solutions developed using DevKit can also be migrated from one platform to another seamlessly, at a fraction of the time needed for fresh development on a new platform. This key capability will provide enterprises with the flexibility and ability to benefit from new features being rolled out on underlying platforms, and also protect their investments in applications. Quartz DevKit will continuously be enhanced to support additional blockchain technologies in the future,

underscoring TCS' commitment in ensuring that customers have access to the latest technological advancements in distributed ledger technology.

---

### **Quartz – The Smart Ledgers**

Quartz – the Smart Ledgers™, is a startup incubated by TCS, and provides foundational technology, tools and business components for creating distributed ledger solutions across varied industries. Quartz redefines how organizations can collaborate in an increasingly connected world, and leverage their collective strengths using blockchain technology. The suite comprises Smart Solutions, a set of 'designed for blockchain' business offerings for different industries; the Quartz DevKit, a smart contract development kit to enable programming of high quality code on multiple blockchain platforms; the Quartz Gateway for the integration of existing solutions with blockchain ecosystems; and, the Quartz Command Center that can administer and monitor entire ecosystems. Built on the core principles of Coexistence, Integration and Interoperability, Quartz enables existing systems to coexist and integrate with blockchain platforms and other messaging networks. With data masking, privacy and anonymity - the premise on which the solutions are designed - organizations can focus on enhancing their core competitive strengths in an environment of utmost security.

With Quartz, you can also facilitate the creation of a complete distributed ledger ecosystem for stakeholders in your value chain. Quartz caters to organizations across Industry segments including Financial Services, Banking, Supply Chain, Energy & Utilities and eGovernance.

**To know more about Quartz, please visit:** <https://www.tcs.com/quartz-blockchain-solutions>

### **About Tata Consultancy Services Ltd. (TCS)**

Tata Consultancy Services is an IT services, consulting and business solutions organization that has been partnering with many of the world's largest businesses in their transformation journeys for over 50 years. TCS offers a consulting-led, cognitive powered, integrated portfolio of business, technology and engineering services and solutions. This is delivered through its unique Location Independent Agile™ delivery model, recognized as a benchmark of excellence in software development.

A part of the Tata group, India's largest multinational business group, TCS has over 453,000 of the world's best-trained consultants in 46 countries. The company generated consolidated revenues of US \$22 billion in the fiscal year ended March 31, 2020, and is listed on the BSE (formerly Bombay Stock Exchange) and the NSE (National Stock Exchange) in India. TCS' proactive stance on climate change and award-winning work with communities across the world have earned it a place in leading sustainability indices such as the Dow Jones Sustainability Index (DJSI), MSCI Global Sustainability Index and the FTSE4Good Emerging Index. For more information, visit us at [www.tcs.com](http://www.tcs.com).

For TCS global news, follow [@TCS\\_News](https://twitter.com/TCS_News).

**Quartz Media Contacts:**

Dennis Roman	Email: <a href="mailto:dennis.roman@tcs.com">dennis.roman@tcs.com</a>   Phone: +1 561 865 3339
Anjana Chandrika	Email: <a href="mailto:anjana.srikanth@tcs.com">anjana.srikanth@tcs.com</a>   Phone: +91 8067256963

**TCS media contacts:**

Asia Pacific	Email: <a href="mailto:charlene.lee@tcs.com">charlene.lee@tcs.com</a>   Phone: +65 9138 4370
Australia and New Zealand	Email: <a href="mailto:kelly.ryan@tcs.com">kelly.ryan@tcs.com</a>   Phone: +61 422 989 682
Benelux	Email: <a href="mailto:joost.galema@tcs.com">joost.galema@tcs.com</a>   Phone: +31 615 903387
Canada	Email: <a href="mailto:tia.thomas@tcs.com">tia.thomas@tcs.com</a>   Phone: +1 647 790 7602
Europe	Email: <a href="mailto:mattias.afgeijerstam@tcs.com">mattias.afgeijerstam@tcs.com</a>   Phone: +46 723 989 188
India	Email: <a href="mailto:arushie.sinha@tcs.com">arushie.sinha@tcs.com</a>   Phone: +91 22 6778 9960
Japan	Email: <a href="mailto:douglas.foote@tcs.com">douglas.foote@tcs.com</a>   Phone: +81 80-2115-0989
Latin America	Email: <a href="mailto:martin.karich@tcs.com">martin.karich@tcs.com</a>   Phone: +569 6170 9013
Middle East & Africa	Email: <a href="mailto:s.hasneen@tcs.com">s.hasneen@tcs.com</a>   Phone: +971567471988
Nordics	Email: <a href="mailto:roland.bagen@tcs.com">roland.bagen@tcs.com</a>   Phone: +46 70 317 80 24
UK	Email: <a href="mailto:peter.devery@tcs.com">peter.devery@tcs.com</a>   Phone: +44 20 3155 2421
USA / Canada	Email: <a href="mailto:william.thomas@tcs.com">william.thomas@tcs.com</a>   Phone: +1 203-984-3978

###