



TCS/PR/SE-99/2022-23

October 13, 2022

**National Stock Exchange of India Limited  
Exchange Plaza, C-1, Block G, Bandra Kurla  
Complex, Bandra (East)  
Mumbai - 400051  
Symbol - TCS**

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

Dear Sirs,

We are sending herewith copy of the Press Release titled “**TCS Launches New Collaboration with Microsoft: To Build Autonomous Solutions with Project Bonsai to Help Manufacturers Transform**” which will be disseminated shortly.

The Press release is self-explanatory.

Thanking you,

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

**Pradeep Manohar Gaitonde  
Company Secretary**

**TATA CONSULTANCY SERVICES**

**TATA Consultancy Services Limited**

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## TCS Launches New Collaboration with Microsoft: To Build Autonomous Solutions with Project Bonsai to Help Manufacturers Transform

*Tata Consultancy Services' New Autonomous Industrial Control Solutions Will be Showcased at TCS' Network of Pace Port™ Innovation Centers*

**MUMBAI | SEATTLE, October 13, 2022:** Tata Consultancy Services (TCS) (BSE: 532540, NSE: TCS) has launched a new collaboration with Microsoft to leverage its deep domain knowledge in industrial control systems and build new AI-powered autonomous solutions using Project Bonsai, a low-code, secure, and compliant AI platform, on Microsoft Azure Cloud.

TCS will use the low-code platform to accelerate the development of these cutting-edge, autonomous solutions that can sense and respond in real time, optimizing equipment and processes. These solutions help companies modernize their manufacturing, reduce downtime and material wastage, improve quality and throughput, and enhance employee safety.

TCS has already developed a warehouse optimization solution using Project Bonsai as part of its “build-with” initiative with Microsoft. In addition, it is planning to build AI-powered autonomous solutions in the following areas:

- **Manufacturing yield optimization:** Provide optimal recommendations to operators in areas such as machine calibration, process optimization, and industrial controls.
- **Chemical processing:** Maximize production and minimize wastage and energy cost through optimized transition between product variants, process control or machine calibration.
- **Logistics and supply chain optimization:** Minimize disruptions and improve customer experience with resilient and optimized supply chain solutions.
- **Energy management:** Dynamically manage environmental parameters in a building to optimize energy spent and maximize equipment lifetime.

To make it easier for customers to experiment and innovate, TCS will showcase these autonomous solutions at its Pace Ports™, its global network of co-innovation hubs that bring together a collaborative ecosystem of startups, technology partners, and academia.

*“TCS’ deep industry knowledge and expertise in autonomous systems along with our investments in building capabilities and solutions on Microsoft’s Project Bonsai will help clients accelerate their manufacturing technology transformation. Our AI-powered autonomous control solutions will help them better control complex and dynamic industrial processes, reduce the load on human experts, and manage multiple, conflicting optimization goals,”* said **Siva Ganesan, Global Head, Microsoft Business Unit, TCS.**

*“AI and autonomous technology are going to reshape how organizations do business and will help solve some of the industry’s biggest challenges, whether it’s optimizing manufacturing or managing energy and climate systems,”* said **Mark Hammond, VP & GM, Autonomous Systems, Microsoft.** *“We are delighted to be working with Tata Consultancy Services to help customers in their journey from automation to autonomy. The combination of TCS’ AI and control systems experience with Project Bonsai capabilities will accelerate the creation of autonomous solutions that help customers drive efficiency and business results.”*

With over 50,000 trained professionals on Microsoft technologies, TCS has completed over 1,000 successful Azure engagements for hundreds of global customers. TCS is one of the most recognized partners in the Microsoft ecosystem. It won the 2022 Microsoft Partner of the Year for Global SI & Advisory Digital Transformation, Retail & Consumer Goods, SAP on Azure, US Advisory Services, and US Financial Services, in

addition to recognition in nine other global categories. It is one of the first Microsoft partners to attain Solutions Partner status in five solution areas. Additionally, it has achieved 17 Microsoft Advanced Specializations, is a member of the 2022/2023 Inner Circle for Microsoft Business Applications, and is a designated Microsoft Azure Expert Managed Service Partner.

To learn more about the TCS Microsoft Business Unit, visit [tcs.com/microsoft-business-unit](https://tcs.com/microsoft-business-unit).

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### About Tata Consultancy Services (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 606,000 of the world's best-trained consultants in 46 countries. The company generated consolidated revenues of US \$25.7 billion in the fiscal year ended March 31, 2022, 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 MSCI Global Sustainability Index and the FTSE4Good Emerging Index. For more information, visit [www.tcs.com](https://www.tcs.com).

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