

The Next Frontier of Digital Education Ecosystem



TCS iON Overview

TCS iON offers a **full-fledged one-stop shop integrated solution** for a variety of interventions to reimagine learning, assessment, marking, and campus management business processes in **digital transformation journey** of its customers. TCS iON, being a prominent **technology partner in the EdTech domain**, caters to multiple industry segments (K-12, Higher Education, Vocational, Government, and Corporates) through innovative, easy-to-use, secure, and **end-to-end** cloud-hosted solutions in a 'build-as-you-grow' and 'pay-as-you-use' business model.

Our Social Impact

Today, we are touching the lives of millions of

College & Universities

On-click access to **immersive & gamified content**,
Analytics & Reporting, Intuitive User Console

Education Boards

End-to-end student life cycle management, centralized data management and **increased transparency** in conducting assessments

Schools

Artificial Intelligence-driven
Personalized pathways to develop individual learning styles leveraging **gamification, analytics, reporting, tracking**, etc.

Skilling Partners & Vocational Institutions

Certifications for skill development;
Ecosystem partners to enable seamless course delivery

Recruitment Agencies & Working Professionals

Secure assessments and one stop access to top corporates of the country

Corporate Firms

Skill development through **Engaging & Immersive** course designs for professionals

**CONSOLIDATED INTEGRATED SOLUTION | REPORTING & ANALYTICS FRAMEWORK |
ARTIFICIAL INTELLIGENCE | AUGMENTED & VIRTUAL REALITY | MACHINE LEARNING |
SPEED | SCALE | SECURITY | SUPERIOR EXPERIENCE**

Platform solutions

TCS iON provides end-to-end 'Phygital' solutions that adhere to **global best-practices** and include online and offline formats in a highly secure and transparent manner for a range of learning, assessments, marking and campus management requirements.



Digital Learning

Best-in-class Learning Management System (LMS), TCS iON Digital Learning offers a collaborative pedagogical model to enrich participatory learning by enabling course delivery, assessment, and other learning opportunities in a community setting.

- ▶ Exclusive access to **Immersive learning content**
- ▶ On-demand access to **Game-labs** at the tip of your fingers, **at no-additional cost**
- ▶ Hundreds of **gamification cartridges** available
- ▶ **Connect, Collaborate & share** learning experiences with fellow students through a virtual community
- ▶ **Hands-on simulation**-based learning available through state-of-the-art technologies like **AR/ VR, Machine learning, Analytics**, etc.
- ▶ Tracks **Real-time Progress** & provides Feedback
- ▶ **Device Agnostic** feature available with **Omni-channel** Access

Digital Assessment

Provides comprehensive assessment management right from scheduling examinations, assigning test centers and distributing question papers securely to evaluating and managing results. The solution makes assessment processes simple, efficient, highly secure and hassle-free.

- ▶ **Scalable, secure & light-weight system**
- ▶ Designed to operate over a large **geographical spread with multiple locations**
- ▶ **Rapid scaling** enables conducting examinations, supporting concurrency for **50k+** students
- ▶ Ensured **Service Efficiency, Seamless Access, and Mobility** among different modules of the solution
- ▶ **Global standards of security** ensured through the **CAE 256-bit encryption**
- ▶ Provides **cost savings of ~30-40%** through reduced logistics & cost savings
- ▶ **Intuitive candidate console** for improved user engagement
- ▶ **Item- bank creation**, supporting 36 types of content creation





Digital Marking

Combines the accuracy of technology with the expertise of professional evaluators to improve the efficiency and speed of the subjective answer script evaluation process. It aids in easy retrieval of answer books, minimize possibility of human error, reduce risk of security breaches and lower the cost of maintaining answer books significantly.

- ▶ Caters to **objective type** (key-based marking) as well as **subjective type** of marking (computer based, pen & paper based, speech tests)
- ▶ Reduced time in publishing of results by **70- 80%**
- ▶ Ensures **transparent marking** through a secure, digitized and standardized process
- ▶ **Centralized Command Centre** thereby reducing the number of **re-evaluation requests**
- ▶ Ensures **Candidate Anonymity** through masking of personal details
- ▶ Digitized review by scanning and coding of all submitted answer books
- ▶ Provides ability to revisit the marked answer books
- ▶ Provides a comprehensive guide of the relevant answers to markers through **learning**, ensuring greater accuracy
- ▶ **Easier follow-ups** as supervisors & markers, both have access to the digitized answer books at any given point

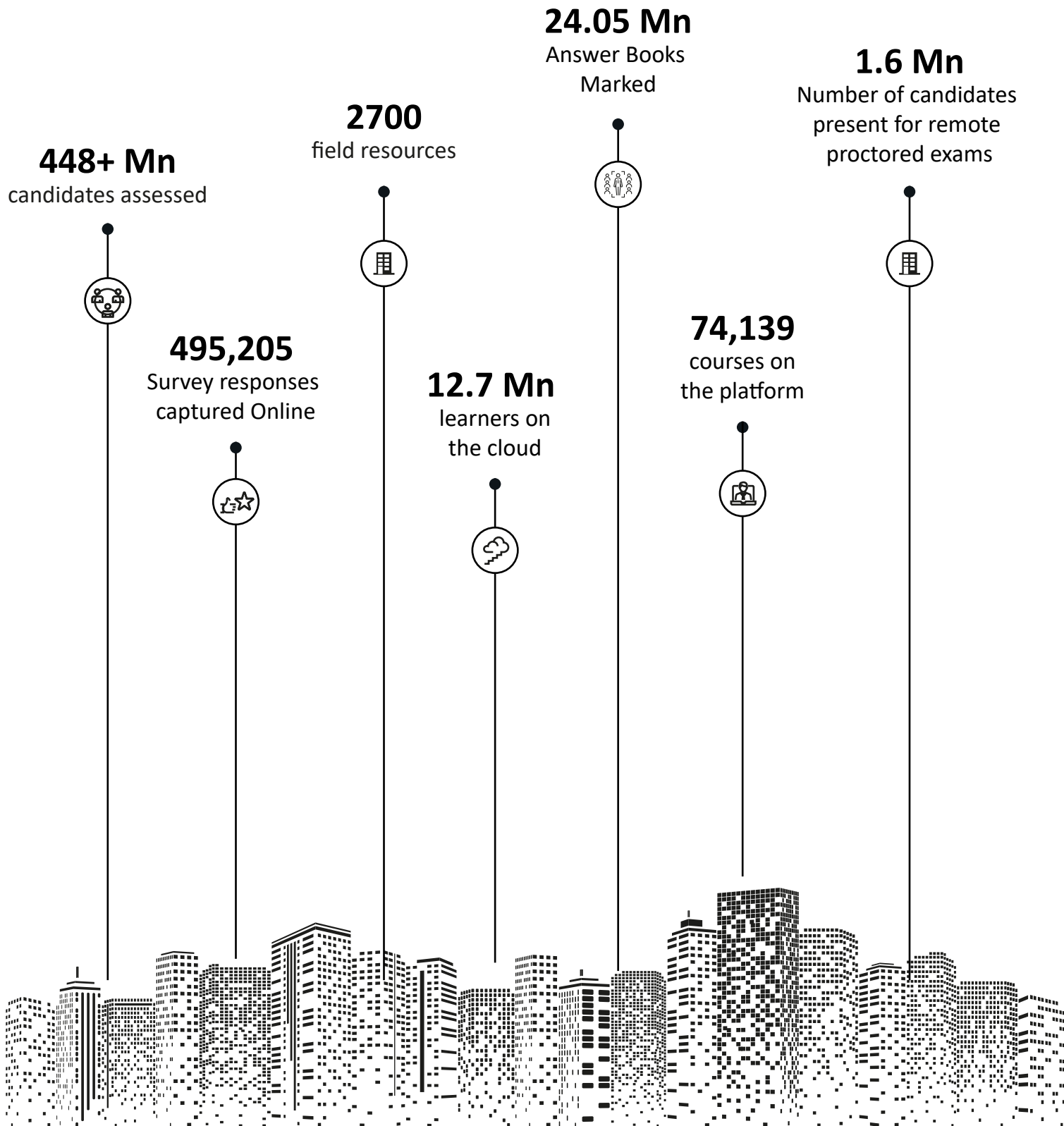
TCS iON Paper

TCS iON's brainchild, TCS iON Paper is an innovative hand-held "Educational Appliance" to re-imagine several educational processes. TCS iON Paper is a highly secured appliance which can be leveraged by the institutes for Learning, Practicing & Conducting Assessments & providing Learning experience.

- ▶ Complete elimination of physical question paper printing & distribution
- ▶ Eliminates **risk of question paper leakage** before/during exam
- ▶ **No dependency** on internet/ network availability & **highly scalable**
Enables scanning of Answer Scripts in the exam centre to be marked digitally
- ▶ Enables **audio and video-based assessments** in an offline mode
- ▶ Safeguard the student's career and the brand of exam conducting body
- ▶ Enables **offline learning**



Impact in Digits



Why TCS iON

Trusted Brand

Promise of quality and unmatched services



Scalable and Accessible Solutions

Secure and Scalable solutions to meet client requirements



Superior Results

Pre-configured business processes based on industry best practices



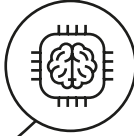
900+ customers with million users

Products used by 900+ customers across Geographies.



Smart Technology

Machine First Delivery Model™ using AI / ML algorithm



Informed Decision Making

Powerful analytics



Managed Services

End-to-End solution Services delivery



Clients who trust us



British
Council



MACAT



Examcraft



DeakinCo.



CyberJaya



Infinity Global



Staff Selection
Commission



Institute of Chartered
Accountants of India



Automotive Skills Development
Council (ASDC)



Aerospace & Aviation
Sector Skill Council



Common Admission
Test by IIM



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IIM INDORE



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School of Global
Management
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About TCS iON

TCS iON is focused on empowering people and organizations with tech-led education to transform themselves for the new world. It uses uniquely built 'Phygital' platforms that overlay digital technologies over physical assets. For recruitment boards, corporate entities, and education institutions, TCS iON offers a range of interventions that reimagine and transform all the key processes. For individual learners, it offers a plethora of multi-modal learning courses imparting varied range of skills and proficiencies. With all this, TCS iON serves every stakeholder in the education domain: school students, schools, education boards, youth, colleges, universities, skilling institutes, working professionals, corporate entities and recruiting organizations.

For more information, visit us at www.tcsion.com

For further inquiries, please contact us at enquiry.tcsion@tcs.com

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 606,000 of the world's best-trained consultants in 55 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.

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