iON Digital Exams

Conduct an efficient exam process

Digitising the Exam Management for improved efficiency

Every educational institution conducts exams to assess the skills acquired by its students. These exams may be held monthly, quarterly, or annually, but the challenges of managing the process are similar across institutes. The complex and time-consuming paper-based exam manag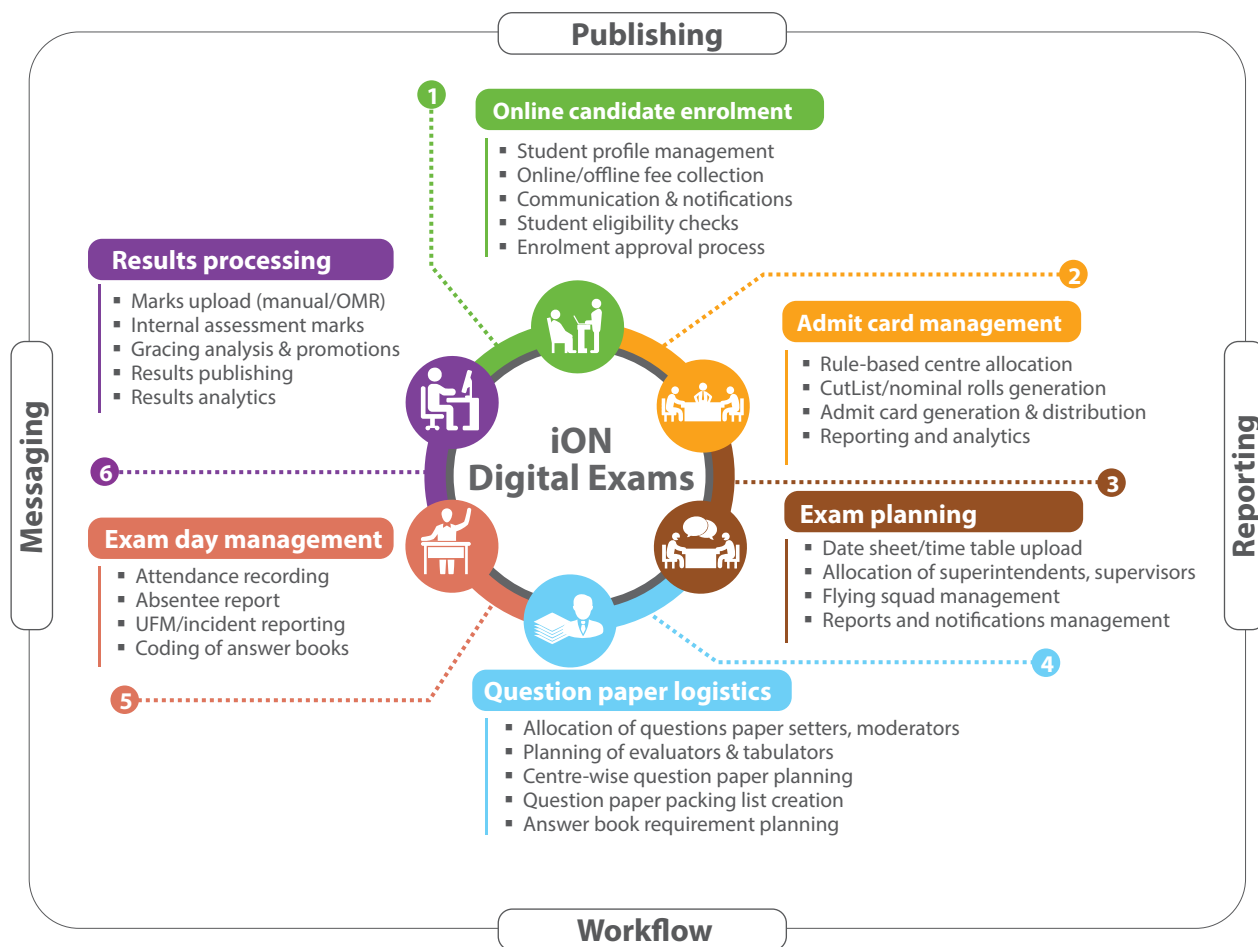ement process often calls for manual intervention at every step, leading to delays, inefficiencies, and increase in costs.

Tata Consultancy Services (TCS) iON Digital Exams solution enables end-to-end digitisation and automation of the exam process, which helps institutions plan and execute simple, cost-effective, secure, and error-free examinations.
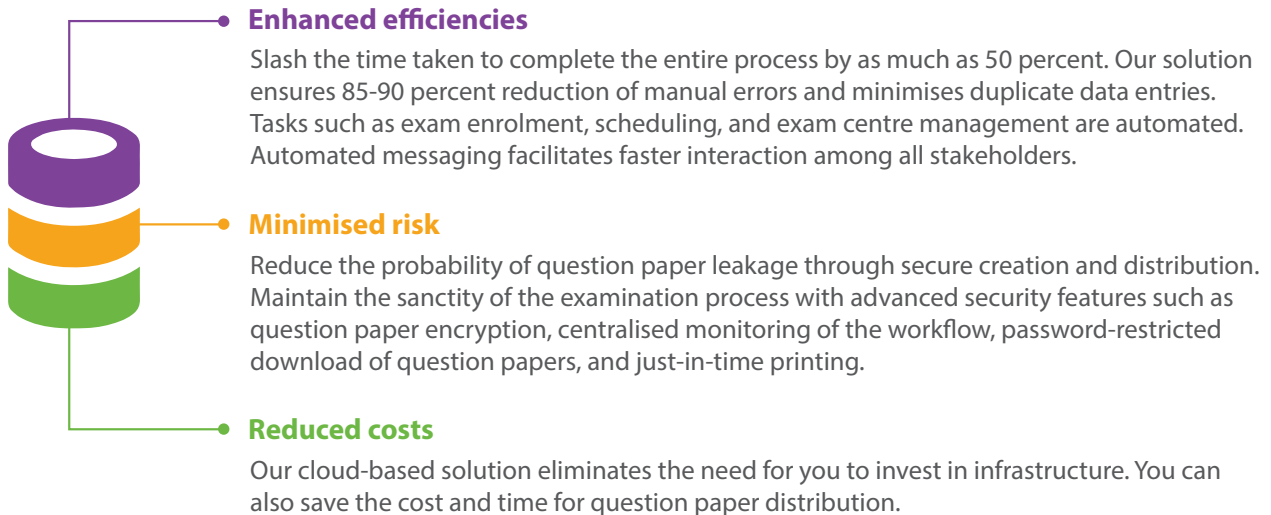
TCS iON Digital Exams

Universities, colleges, and examination boards continue to grapple with the challenges of the conventional exam management process. The process starts with enrolment and fee collection, exam centre allocation, issuance of hall tickets, allocation of supervisors, attendance management, and creation and distribution of question papers, and ends with the processing of results. Manual processes for question paper setting and transfer of papers to the exam centres make them vulnerable to misuse. Additionally, form collection and data validation are slow, time-consuming processes.

TCS iON Digital Exams automates these processes to ensure minimal instances of manual intervention. The solution also allows configuration of alerts and notifications that can be automatically sent to stakeholders during various stages of the process.

Publishing

1 Online candidate enrolment
- Student profile management
- Online/offline fee collection
- Communication & notifications
- Student eligibility checks
- Enrolment approval process

Results processing
- Marks upload (manual/OMR)
- Internal assessment marks
- Gracing analysis & promotions
- Results publishing
- Results analytics

iON Digital Exams

2 Admit card management
- Rule-based centre allocation
- CutList/nominal rolls generation
- Admit card generation & distribution
- Reporting and analytics

6 Exam day management
- Attendance recording
- Absentee report
- UFM/incident reporting
- Coding of answer books

3 Exam planning
- Date sheet/time table upload
- Allocation of superintendents, supervisors
- Flying squad management
- Reports and notifications management

5 Question paper logistics
- Allocation of questions paper setters, moderators
- Planning of evaluators & tabulators
- Centre-wise question paper planning
- Question paper packing list creation
- Answer book requirement planning

Messaging

Reporting

Workflow

Benefits

The solution enables educational institutions to significantly shorten the exam cycle. The benefits delivered by our solution include:

Enhanced efficiencies

Slash the time taken to complete the entire process by as much as 50 percent. Our solution ensures 85-90 percent reduction of manual errors and minimises duplicate data entries. Tasks such as exam enrolment, scheduling, and exam centre management are automated. Automated messaging facilitates faster interaction among all stakeholders.

Minimised risk

Reduce the probability of question paper leakage through secure creation and distribution. Maintain the sanctity of the examination process with advanced security features such as question paper encryption, centralised monitoring of the workflow, password-restricted download of question papers, and just-in-time printing.

Reduced costs

Our cloud-based solution eliminates the need for you to invest in infrastructure. You can also save the cost and time for question paper distribution.

The TCS iON advantage

TCS iON offers you the following advantages:

Security and validation

The secure cloud-based infrastructure ensures authentication, authorization, encryption, and decryption of question papers, while providing audit trails. The solution reduces the possibility of errors due to fool-proof checkpoints, including server-side validation, thus maintaining secrecy.

Configurable framework

You can configure the solution to suit your needs. The customizable framework allows for flexible and quick generation of tailored forms, reports, and messages.

Integrated solution

This single-window cloud-based solution comes with a pre-integrated suite of hardware, network, software, and services. It can also integrate with several payment gateways, and interfaces with banks to facilitate real-time integration of offline payments.

Automatic upgrades

Automatic updates cater to evolving requirements, thus preventing technology obsolescence.

About TCS iON

TCS iON is a strategic business unit of Tata Consultancy Services focused on enabling institutions, government departments and organisations from multiple industry sectors to be efficient in their recruitment/admissions process, learning and skilling and overall business operations with the use of Phygital platforms. These are platforms that overlay digital technologies over physical assets.

We deliver this with a unique IT-as-a-Service model that provides easy-to-use, secured, integrated, and hosted solutions in a build-as-you-grow and pay-as-you-use business model. We serve our clients with the help of best practices gained through TCS' global experience, deep domestic market exposure along with industry leading technology expertise.

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

Contact

To know more about the iON Digital Exams
Toll Free Number   1800 209 6030
Email   ion.salessupport@tcs.com

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that delivers real results to global business, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT, BPS,infrastructure, engineering and assurance services. This is delivered through its unique Global Network Delivery Model™, recognized as the benchmark of excellence in software development. A part of the Tata group, India's largest industrial conglomerate, TCS has over 387,000 of the world's best-trained consultants in 45 countries. The company generated consolidated revenues of US $17.6 billion for year ended March 31, 2017 and is listed on the BSE (formerly Bombay Stock Exchange) and the NSE (National Stock Exchange) in India.

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

Follow us on: | www.tcsion.com