

# Modernising the Machinery of Merit

Digitising how India secures, audits, and verifies millions of examinations every year with **Tata Communications Media**.



## The Mission: Scaling Trust

Every exam is a promise of merit, fairness, and trust.

When millions of students sit for high-stakes exams across India, trust in the process is non-negotiable.

The digital operations arm of one of the world's largest consultancy firms, powers India's largest examination network across 700+ centres and 1,200+ institutions. But behind every test sat terabytes of video surveillance. Footage that had to be captured, carried, reviewed, and archived, manually. A system built for yesterday's speed, not today's scale.

## How do you protect integrity when the data itself has outgrown the process?



### The Slow Lane of Trust

Each centre captured its own footage, copied it onto local disks, and couriered them for audit. Verification could take weeks, and physical handling meant missing files, broken chains of custody, and endless delays.


Oversight had turned into an obstacle course. The consultancy firm needed a system where compliance, speed, and security could finally travel in the same lane.



### The New Exam Engine

They partnered with **Tata Communications Media** to create a **unified, cloud-native media architecture**, one that could ingest, index, and secure examination footage from across India in hours, not weeks.


### Three pillars made it possible:



**File Catalyst:** High-speed, encrypted uploads replaced courier bags. Every exam centre now transfers video directly to the cloud, automated, traceable, and fast.

**Media Hub:** A SaaS-based command centre where 400+ authorised users can search, tag, verify, and share footage with role-based access. No waiting. No guesswork.

**Media Storage:** Erasure-coded storage distributed across three regions (Delhi, Pune, and Chennai) keeps every byte within India, compliant, durable, and audit-ready.



And for regulators still requiring physical records, a Chennai-based secure hub **produces password-protected drives** on demand, ensuring continuity with zero compromise.



## The Great Upload

From couriered evidence to cloud confidence.

The system now manages an estimated 6 petabytes of video every year (with headroom toward 9 PB), and the platform is engineered to capture 10-12 PB annually, with footage ready for review within hours of the exam. Authorities and exam boards can log in securely, filter relevant footage, and collaborate across agencies.

And soon, **AI-driven anomaly detection** will flag irregularities, identifying potential misconduct through intelligent pattern analysis.

Oversight becomes proactive, not reactive.

## Results That Passed Every Test



### Weeks to Hours

Video access and verification accelerated exponentially.



### Compliance by Design

All data stored within India under full regulatory control.



### Hybrid Flexibility

Digital-first workflows with physical options on demand.



### Empowered Oversight

Secure, role-based logins for multiple exam boards.



### Scale Unlocked

Architecture built for 6-9 PB annually and ready for growth.





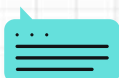
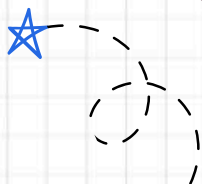


## The Legacy: Integrity at Cloud Speed

The consultancy firm had the reach; Tata Communications Media added the velocity.

Together, they didn't just digitise examination footage, they re-engineered the architecture of trust.

Because in a nation where exams decide futures, confidence deserves the same bandwidth as the cloud.



Find more about our **Media, Entertainment and Sports offerings**  
Or write to us at [mes@tatacommunications.com](mailto:mes@tatacommunications.com)