

REDEFINING EXAMINATION SECURITY

A blue-tinted photograph of a graduation cap, a rolled diploma tied with a ribbon, and a book resting on a wooden surface. The background is a blurred brick wall. The text 'REDEFINING EXAMINATION SECURITY' is overlaid on the top left in white on blue rectangular backgrounds. The Innovatiview logo is in the top right. A vertical blue line is on the left, and an orange square is on the right.

Delivering an innovative range of **examination security solutions** to curb malpractices at every step of an examination

“

We are of the firm opinion that in academic matters there should be strict discipline and malpractices should be severely punished. If our country is to progress we must maintain high educational standards, and this is only possible if malpractices in examinations in educational institutions are curbed with an iron hand.

A bench of Justices,
Supreme Court, India, 2008

Indian Examination Sector | Vital for Nations Growth

India's fast-paced growth is much dependent upon its skilled workforce, whose capabilities are judged by the means of intense assessment. The examination card of a candidate thus becomes the building block of his career and eventually plays a crucial role in deciding the progress of our nation.

Unfortunately, for a sector so critical, the measures taken to maintain its sanctity are not robust and fool proof. Declining integrity amongst candidates is further deteriorating the situation.

WHAT WE SEE IS JUST THE TIP OF THE ICEBERG. THE PROBLEM OF CHEATING IS MUCH BIGGER AND DEEPER.

86%

students have
cheated at least once

72%

of admitted cheaters
never got caught

97%

indicated to use new
age gadgets to cheat

54%

consider cheating
to be necessary



Unless we wish India to be a mediocre country, urgent measures are required to curb cheating and other malpractices. Innovatiview makes it possible with its spectrum of comprehensive security solutions to ensure the exams get conducted in a robust, fair, transparent and desirable manner.

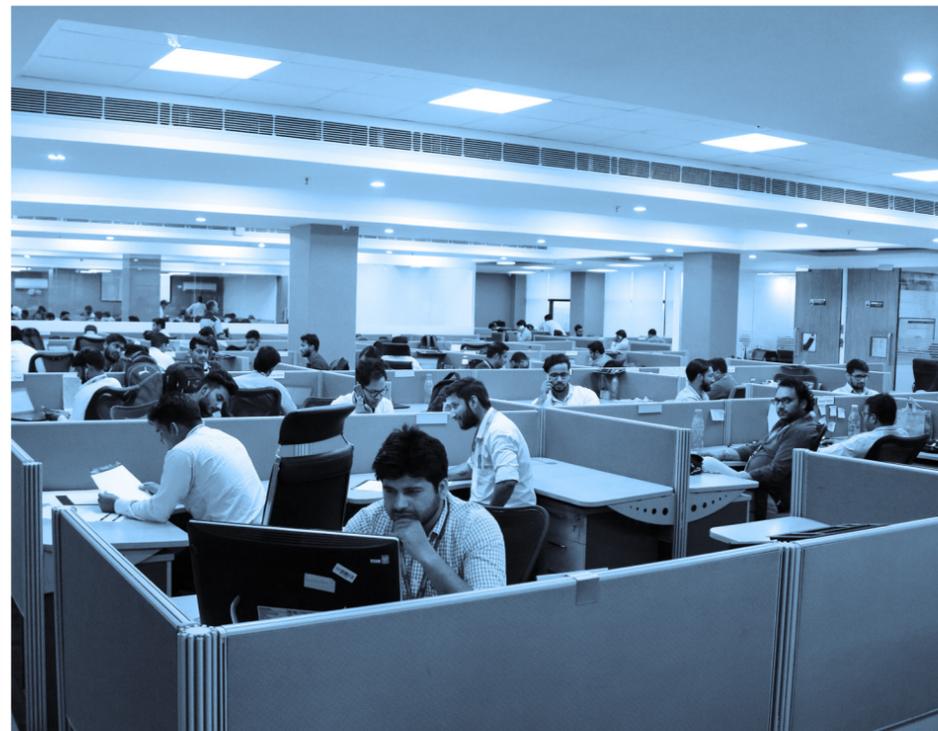
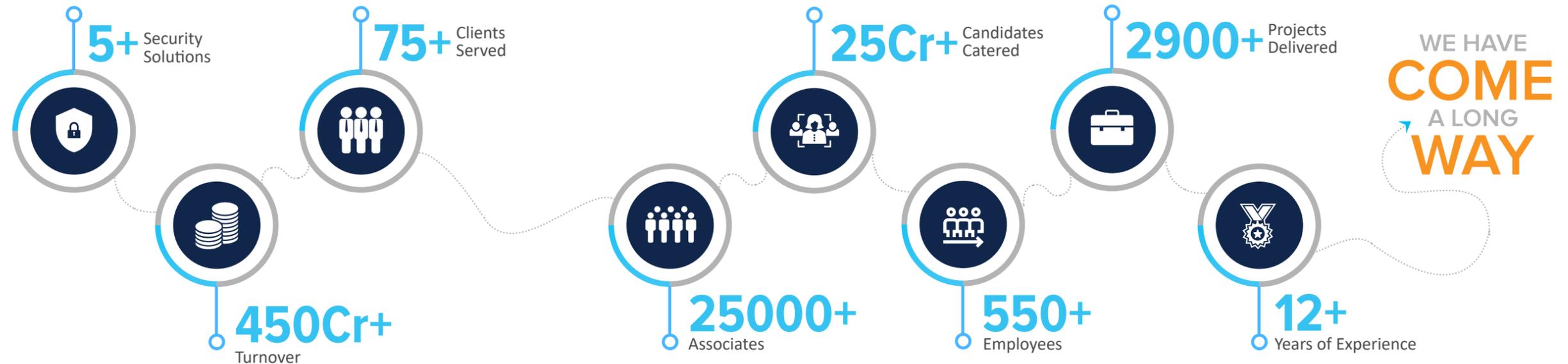
*Source: Survey conducted by Kessler International amongst 300 students from public and private colleges including online universities in US

REDEFINING EXAMINATION SECURITY

Innovatiview delivers an innovative range of examination security solutions driven by technology to curb malpractices at every step of an examination.

Established in 2010, we strive to support equitable and transparent conduct of exams to maintain the credibility of this sector. The organization achieves this through an ideal mix of advanced technology, exceptional inventory base, experienced resources and elaborate PAN India network.

The company also differentiates itself through custom-made solutions provided on pay-per-use business model that enables cost efficiency alongside convenience. Our competence in executing large-scale projects makes us a reliable and preferred player in this sector.



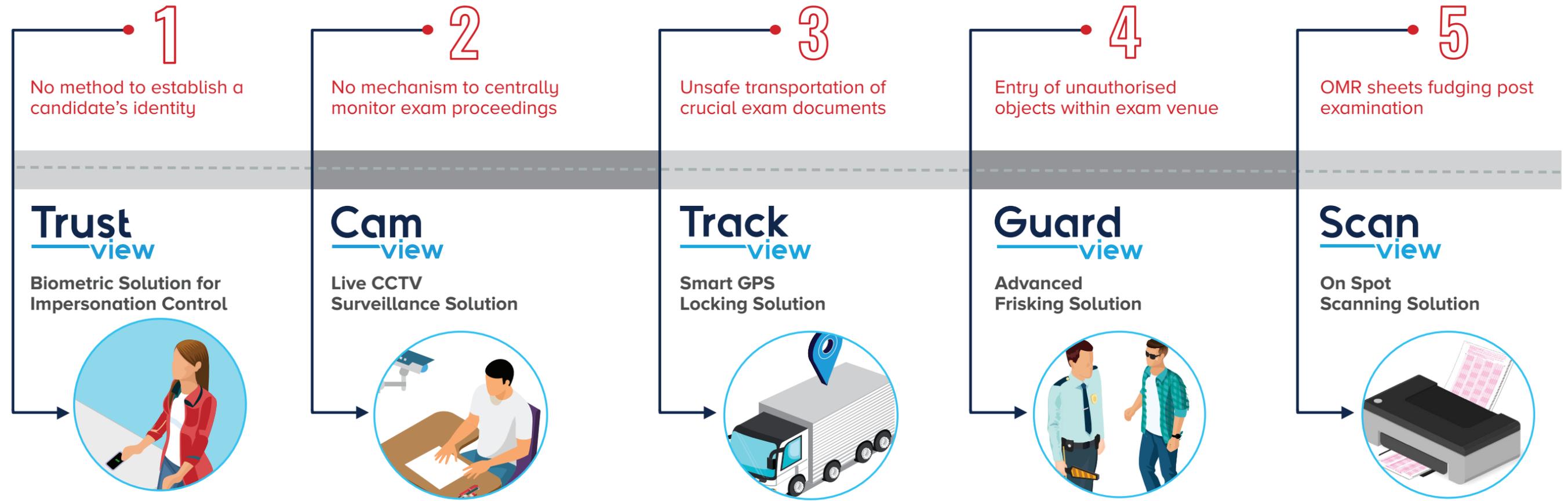
OUR SOLUTIONS

Innovatiview adds strength to the examination sector through a wide gamut of unmatched solutions, each enhancing the security and transparency of the critical procedure. The solutions aid the relevant authorities at every step of the examination and plug out all possibilities of fraud and misconduct.

“ We offer cost-effective “Pay Per Use” security solutions with sole focus on examination sector.

CHALLENGES

One SOLUTION for each Challenge



TRUSTview is a credible impersonation control solution that validates the authenticity of candidates during examination. The company's flagship offering features competent biometric devices and an in-house software to enhance the security and transparency during the critical process.

Alongside, it serves as an advanced tool for live attendance management and status monitoring.

12,000+
integrated tablets
allow us to cater to
10 lakhs+ candidates
per shift

FEATURES & BENEFITS

 **Multiple biometric modalities**
Finger-print, IRIS & facial recognition with a choice to opt for more than one

 **Real-time synchronization**
Live attendance management & centre based tracking of performance

 **Comprehensive reporting**
Custom based reports viewed through web based portal

 **STQC certified scanners**
Highly reliable devices which are easy to transport & install

 **Custom made solutions**
In-house development team to work around specific client-based needs

 **Universal data format**
Universally interpretable data structures to successfully process data at client's end

 **99.1% success rate**
Remarkable success with minimal false negatives & no false positives

 **Robust & scalable**
End-to-end encrypted data storage (AWS cloud) and auto-scalable architecture

TRUSTview : THE VARIANTS

Based on different modalities, TRUSTview offers three different biometric solutions which are available as a standalone feature or can be clubbed for enhanced results.

iTap

Fingerprint-based biometric solution



iLook

IRIS-based biometric solution

iFace

Facial recognition based biometric solution



3.5 Cr+

Candidates Catered

55+

Happy Clients

175+

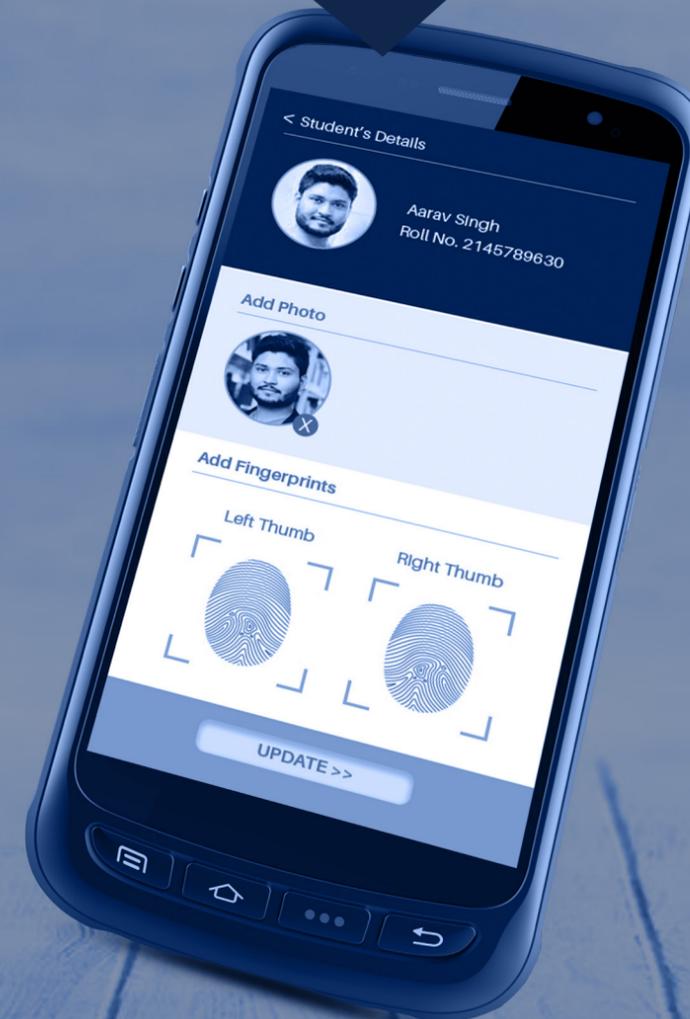
Projects Delivered

450+

Cities Covered

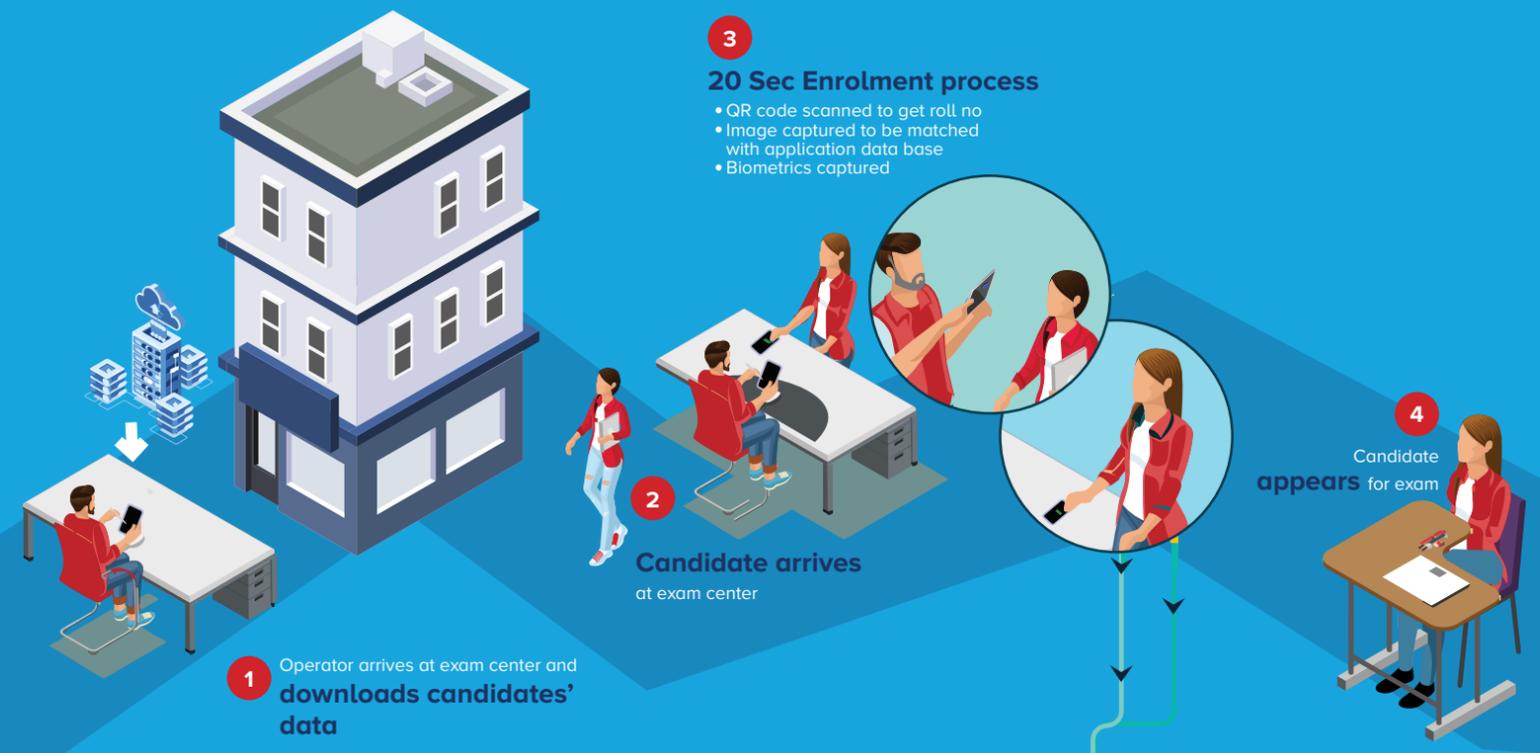
15000+

Aadhaar Verified Operators

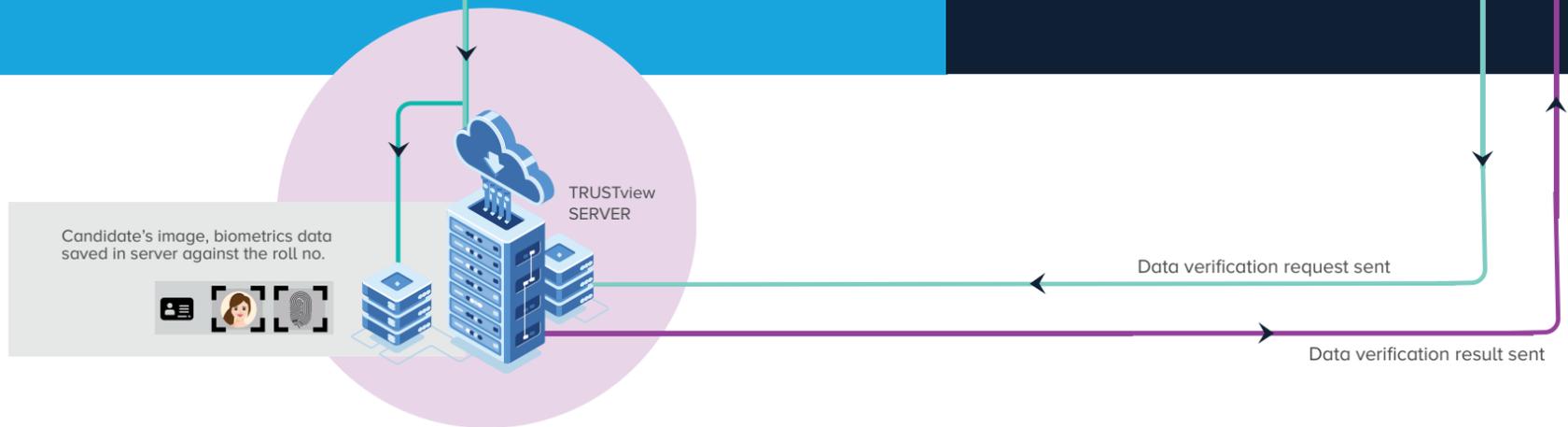
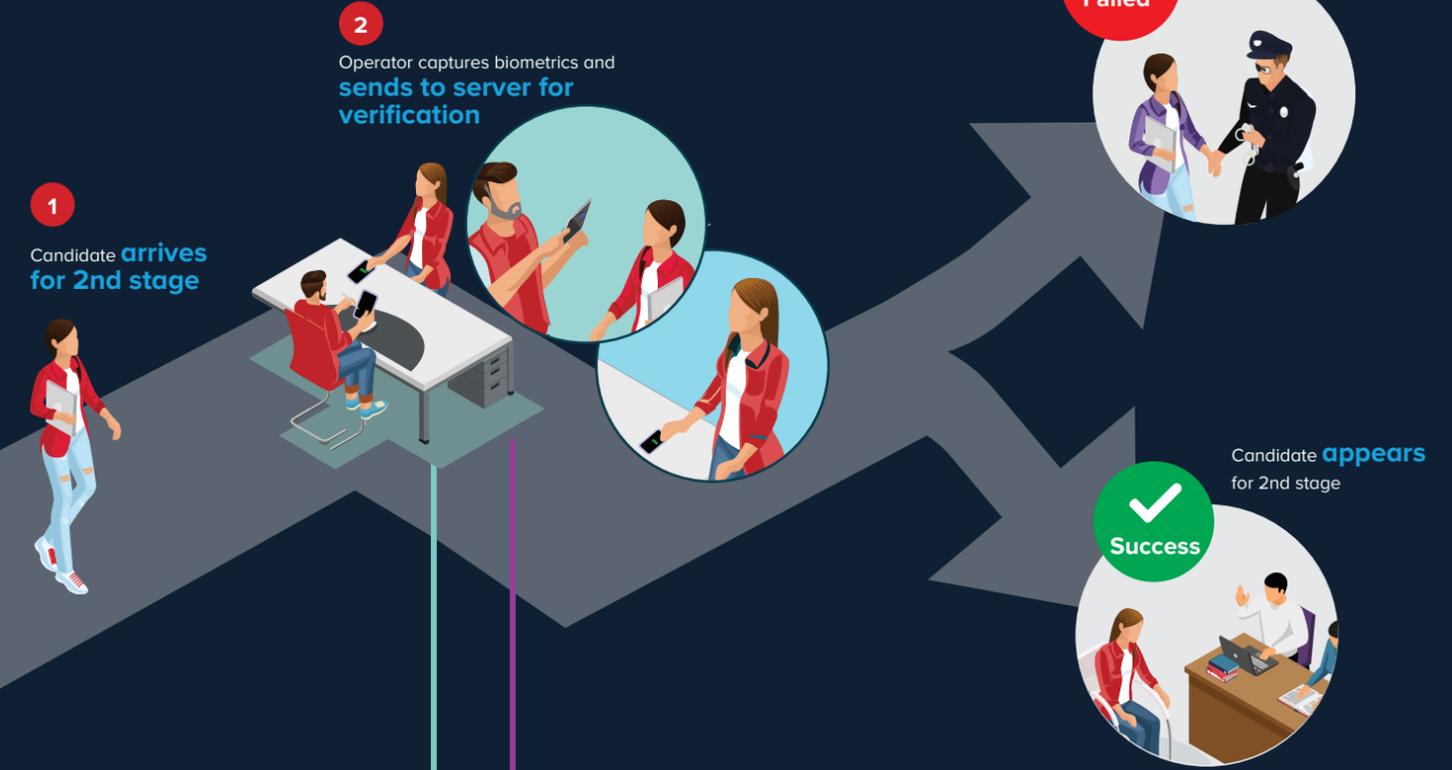


OUR PROCESS – A STEP AHEAD

1st STAGE: EXAM DAY BIOMETRIC ENROLLMENT



2nd STAGE: POST EXAM BIOMETRIC VERIFICATION



“ Our process to enrol and validate a candidate's authenticity is Advanced, Agile & Accurate. ”

CAMview is a reliable and technologically superior digital surveillance system that enables live monitoring of examinations. CAMview's centralized control mechanism enables monitoring of multiple examination centres at once, thus ensuring greater transparency and eliminating the need of flying squads.

The solution also allows for retrieval of the video footage to resolve any future discrepancy and serves as a critical tool for a fair conduction of examinations.

Distinguished by an inventory of **50,000+ CCTVs**, we can cater to **10 lakhs+ candidates per shift**

FEATURES & BENEFITS

-  **Highly credible and reliable**
Streaming through secured & private VPN tunnel
-  **Reduction in malpractices**
Centralized live monitoring of candidates for appropriate on-spot action
-  **Low bandwidth streaming**
Low bandwidth streaming using transcoded ABR technique
-  **Quality & process control**
Recording of all procedures during examination enabling review & improvement
-  **Reduced operation cost**
Pre-emptive & real-time escalation management eliminating the need of flying squads
-  **Robust & scalable**
Highly scalable distributed architecture with PUSH/PULL support
-  **Multiple solutions**
Choice of CCTV Recording and Live Broadcast to suit different needs
-  **RTI evidence**
Easy record keeping & retrieval of footage for references and RTI responses

CAMview : THE VARIANTS

The CCTV surveillance solution is offered in two different variants on a pay-per-use basis, depending upon client's specific requirement.

CAMview
CCTV Recording



CAMview+
CCTV Recording with LIVE broadcast



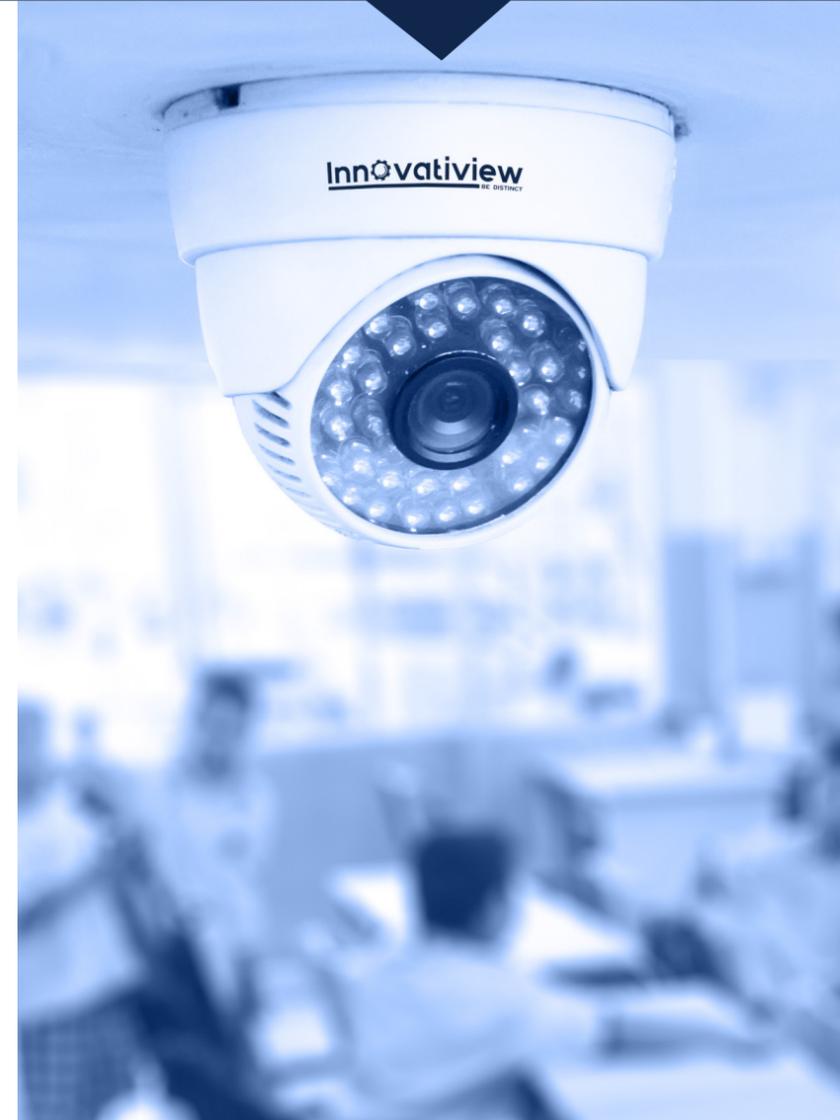
4 Cr+
Candidates Catered

30+
Happy Clients

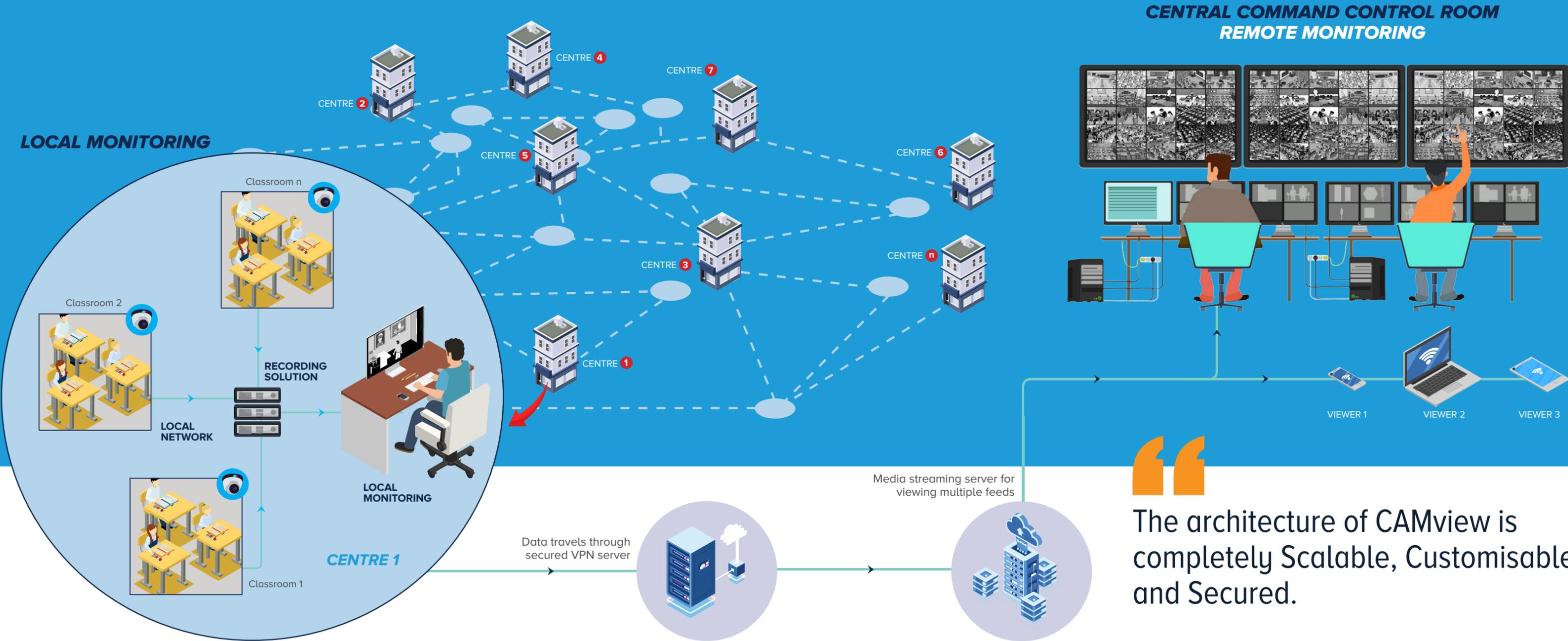
70+
Projects Delivered

220+
Cities Covered

128+
Bit Encryption



EXAMINATION MONITORING — ARCHITECTURE



The architecture of CAMview is completely Scalable, Customisable and Secured.

Trackview

Smart GPS Locking Solution

TRACKview is a unique GPS enabled locking solution to protect critical examination documents from theft and tampering. It features a tamper evident crate to store/carry the documents in a secured container and a GPS enabled padlock for live monitoring and authorised unlocking.

The keyless solution can be remotely monitored and any theft or attempt to theft is immediately notified to the authorities through instant alerts.

Distinguished by **5,000+ GPS locks**, we can cater pan-India National level exam

FEATURES & BENEFITS

Enhanced protection & durability
Tamper-evident crates & high-grade sophisticated lock with irreproducible key

Multiple unlocking mechanisms
Unlocking via internet/SMS/RFID/Keypad/Bluetooth

Live tracking & remote control
GPS enabled padlocks to remotely monitor, track and open lock by the authorised person

Comprehensive reports
Wide range of customized reports and travel logs for future reference

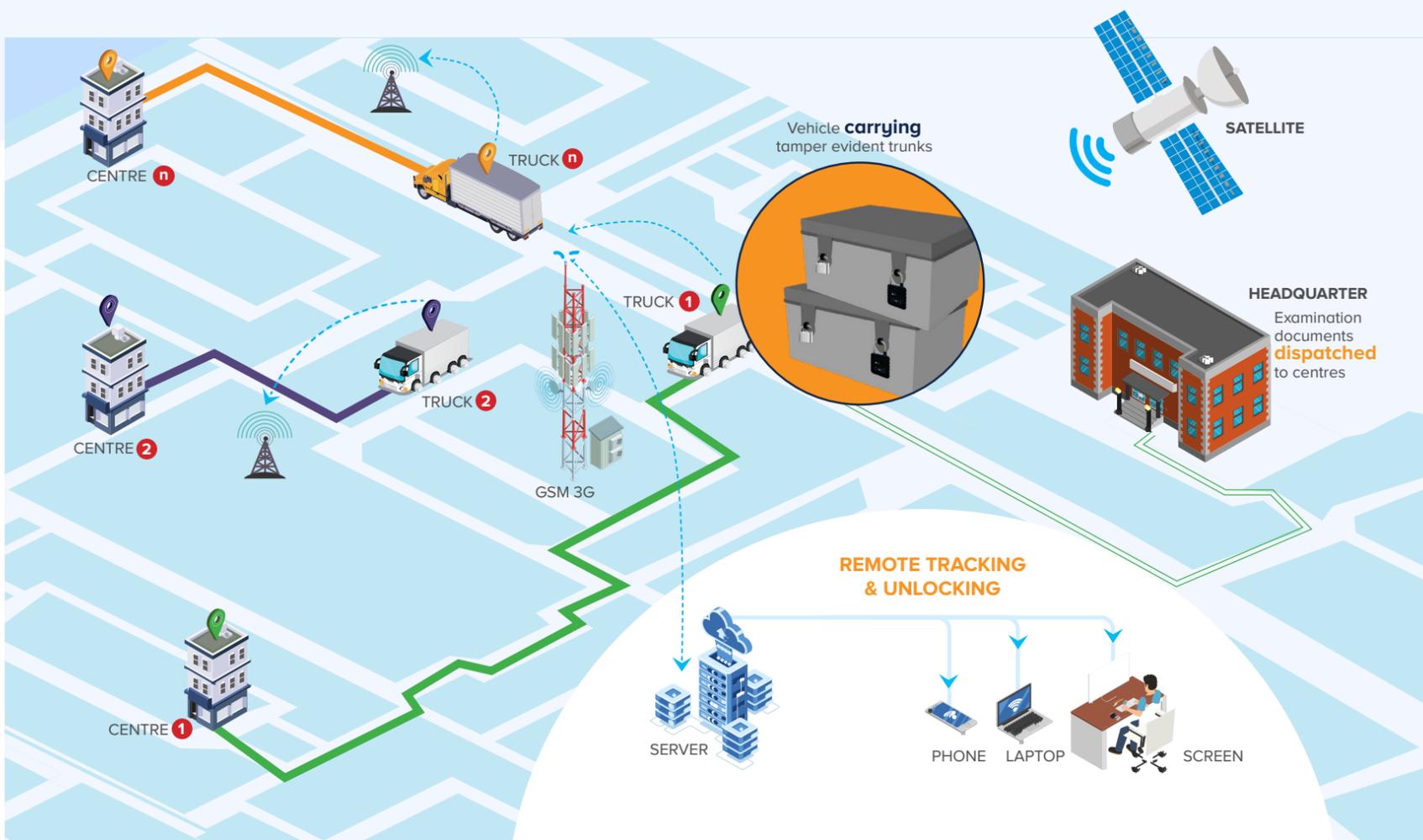
Time bound unlocking
Set a designated time/time range for unlocking

Enables timely action
Instant SMS & E-mail alerts in case of breach

Geo specific features
Ace features like efficient geo-fencing and accurate geo-tagging

Non-stop operation
Battery back-up for up to 30 days eliminates the need for external power

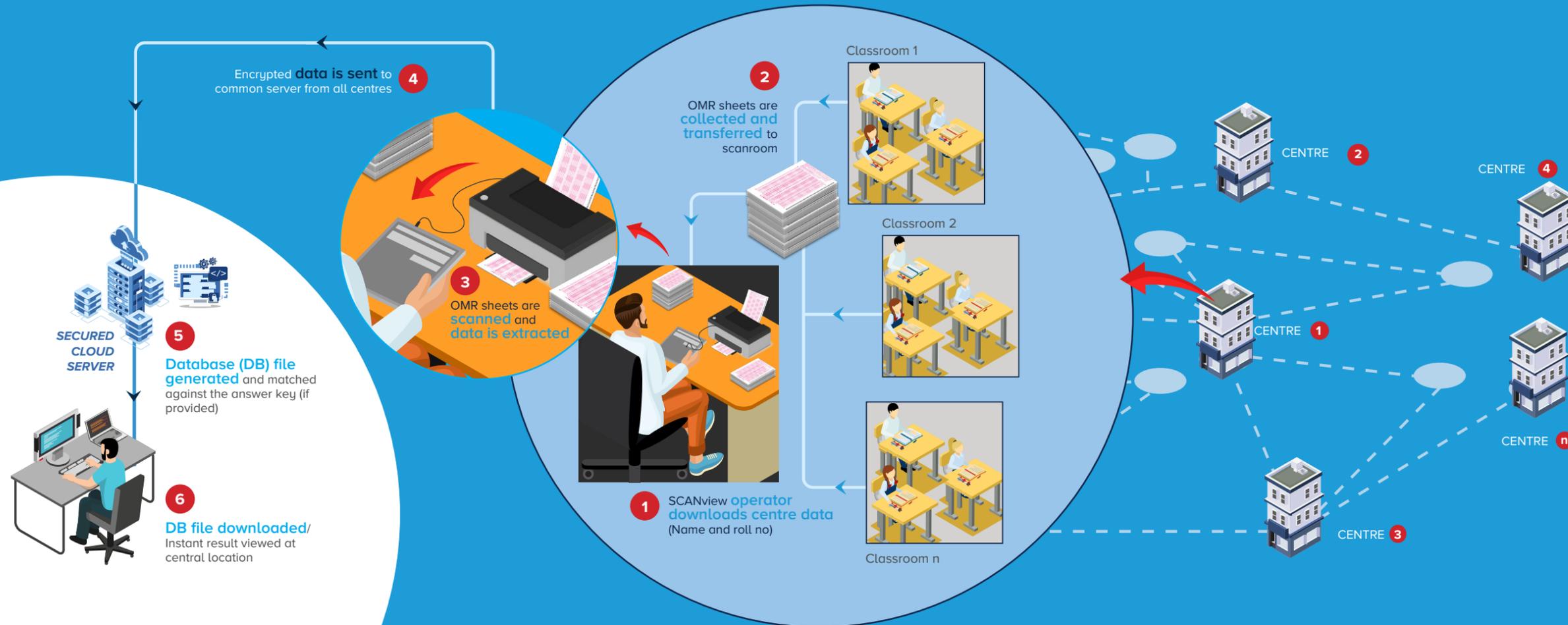
GPS LOCK TRACKING ARCHITECTURE



SCANview is an instant centre based scanning solution that enables scanning of OMR sheets instantly after the examinations. The integrated application extracts relevant data with utmost accuracy and uploads it on a secured cloud server on a real-time basis. It helps in cross-verification of data at various stages and prevents OMR sheet fudging and data manipulation.

The solution also facilitates live monitoring of the scanning process and reconciliation of attendance.

First of its kind instant scanning solution with unique feature of instant result generation



FEATURES & BENEFITS

Convenient on-center scanning
Centre based local scanning solution to prevent OMR fudging

Inbuilt reports and analytics
Customized software solution with interactive dashboards & reports

Attendance Reconciliation
Added benefit of live attendance reconciliation with manual attendance

Reduces inaccuracy
Real-time synchronization / instant access

Limits data fudging
Reconciliation of OMR sheet data at various stages to restrict data manipulation

Secured & scalable
Encrypted data storage with auto scalable architecture

Instant Access
Immediate access to answer sheet data just after the exam

Instant results
Instant access to OMR sheet data for immediate result generation, if required



GUARDview is an app-based frisking solution to prevent entry of unauthorized objects within the examination premises. Candidates are frisked for technical gadgets (mobiles, smart-watches, Bluetooth earpieces etc.) through a High-tech Handheld Metal Detector (HHMD) and for chits through manual hand running by a well-trained vigilant taskforce.

FEATURES & BENEFITS

- 
Restricts unauthorized objects
Frisking through HHMD and hand running
- 
Network of trained work-force
Dedicated, well-trained and Aadhaar-verified security personnel
- 
App-based solution
Integrated application for real-time frisking status and attendance keeping
- 
Baggage counter
Convenient baggage management, if needed
- 
Organized entry
Enables streamlined entry to the examination hall
- 
Female frisking
Separate female frisking enclosures to maintain privacy

INNOVATIVE VS OTHER SOLUTION PROVIDERS:

UNMATCHED BENEFITS

With an exclusive blend of technical expertise, large scale deliveries and competitive pricing, we have been chosen as the most preferred solution provider across examination industry.

Features	Innovatiview	Other Solution Providers
Pan-India Presence	 <small>(In 28 states & 8 UTs)</small>	
Verified & Trained On-ground Staff	 <small>(25000+ Associates)</small>	
Focus on Examination sector	 <small>(One stop solution)</small>	
In-house Development Team	 <small>(Sound technical knowledge)</small>	
Large Inventory of Devices	 <small>(Can handle 10 lakhs+ candidates/shift)</small>	 <small>(Can handle maximum 25,000 candidates/shift)</small>
Secured Data Processing	 <small>(Encrypted data transfer & storage)</small>	
Cost Effective Business Model	 <small>(Pay-Per-Use)</small>	

3 STEP FRISKING PROCESS



OUR ESTEEMED CLIENTELE

Our greatest reward is our client's trust

Over the years, Innovatiview has grown tremendously and takes pride in having served various reputed names in the industry.



NTA



MPSC



HPSC



KPSC



TNPSC



RPSC



UKPSC



Bihar Public Service Commission



MPPSC



PUBLIC SERVICE COMMISSION ODISHA



JPSC



Bihar Staff Selection Commission



SSC, DELHI



HSSC



UKSSSC



UPSSSC



WBSSC



JSSC



PSSSB



JKSSB



RSMSSB



UPSESSB



DSSSB



UP-PNP



HPBOSE



WBBPE



BSEO



APBIE



AHSEC



JKBOPEE



BSEH



DU



PU



BSER



CBSE



DTU



DELHI HIGH COURT



P&H HIGH COURT



DELHI POLICE



CHANDIGARH POLICE



UK POLICE



AIIMS



NITTTR



LUVAS



VCI



KPTCL



BECIL



BEL



ITI LIMITED



RAILTEL





Innovatiview
BE DISTINCT

Plot No. 6, Tower C, 8th Floor, Tech
Boulevard, Sector 127, Noida, U.P. 201303

 +91 9717 51 11 21

 www.innovatiview.com

 info@innovatiview.com



Chandigarh | Bhopal | Jaipur | Mumbai | Hyderabad | Chennai | Bengaluru | Kolkata | Lucknow