White Paper

DEXIT GLOBAL
D e l i v e r i n g   E x c e l l e n c e
(Formerly known as NSEIT Limited)

AEXOD
Decentralized Candidate Verification Desk (DCVD)

Decentralized Candidate Verification desk (DCVD) DCVD is a desktop-based application used for the candidate verification process.

DCVD is primarily used to verify a candidate before the candidate enters the lab and appears for the examination from their allotted machine. Verification includes comparing the candidate's Admit Card data with the respective candidate's data displayed on the DCVD, Bio-metric & photo capture and allow / disallow the candidate based on the verification.

DCVD although a standalone application is integrated with the examination system for candidate data transfer. A candidate not allowed via DCVD will not be able to appear for the examination.

Key Features

- Candidate basic registration data display along with registration photo display.
- Candidate exam day photo capture via integrated camera or attached webcam.
- Candidate bio-metric data capture (digital fingerprint) with tag of which finger is captured.
- Allow or Disallow candidate basis the verification, with provision to enter reason of disallow.
- Lab No. and system allotted seat no. display only after allowing of candidate.
- Real time data transfer between DCVD and Examination system.
- Option to operate in offline mode and later connect to examination system for bulk data transfer.
- Ability to digitally verify captured bio-metric at the time of exit and bio-breaks and during later stages.
- An examination setup can have multiple DCVD setup under it.

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Benefits

Verification
Allows candidate to be verified before they enter the lab, thus preventing impersonation cases.

Crowd Management
Helps in managing the candidate crowd during examination by setting up multiple DCVD counters

Impersonation Prevention
Photo and Bio-metric captured before the examination prevents impersonation to happen during bio-breaks and at the time of exit.

Candidate Navigation
Helps in navigating candidates to their designated labs and seats by displaying their details on screen once candidates are allowed.
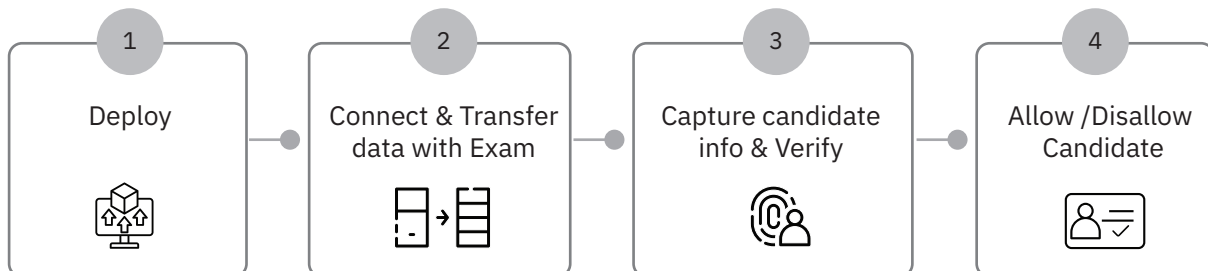
Re-Verification
Photo and Bio-metric captured before the examination prevents impersonation to happen during later stages of recruitment / admission drive.

Aadhaar Authentication
Provision to integrate with Aadhaar based bio-metric (finger & iris) for candidate verification

Process Flow

1. Deploy
2. Connect & Transfer data with Exam
3. Capture candidate info & Verify
4. Allow /Disallow Candidate

Long Term Focus

1. Ability to perform photo quality check at the time of photo capture, so that photo captured is digitally validated against a set guideline.
2. Digital comparison of registration day photo with exam day photo.
3. Ability to randomly capture and verify photos and biometric during examination.
4. Modernization of user interface and operational ease.