

## Data check:

Processing over 3 million answer booklets per year.

Have been successfully implementing the process for the past eight years.

## Challenge:

To hide student identity on booklets before evaluation and matching them after for result tabulation through an automated process.

## Solution:

TRS FireEYE.

## Results:

Time taken for result publication reduced by 50%.

Resources spent on entire process came down by 20%.



# Fire EYE™

TRS FireEYE process implemented in one of the largest professional institute in India.

Unique FireEYE process implemented by TRS has proven to save the organisation huge effort and hastens result publication.

End to end automation has always been the mantra for TRS. Owing to sustained in house R&D effort, TRS brought out its flagship product FireEYE to help automate the dummy numbering system used during answer book evaluation.

### Process:

Subjective examinations today are widely conducted by many institutions, to comprehensively test students on their field of study. On an average, each student writes about 5 subjects, hence the number of booklets/year that institutions need to handle, during the evaluation process, is anywhere between 100,000 to 5,000,000 dependig upon the size of the institution. Students write their register numbers/hallticket number on the front page of these answer booklets and submit the scripts after the exam. Before sending them for evaluation, the institute has to find a way to hide identity of student so that there is no chance of the evaluator showing his bias during marking.

The manual process that was widely practiced a decade back was to tear the front sheet portion which contained stuent data and stamp a dummy number on the booklet before sending for evaluation. After evaluation, they once again manually match the dummy number to student data and publish results.

### Solution:

TRS FireEYE is a fully automated solution, where the institute just needs to tear the front sheet and can send the booklets for evaluation without printing any dummy number. The booklets, will have an ecvrypted QR code which is secure and cannot be read by the evaluator. The evaluator needs to enter the mark he/she has given on the front page in OMR format. Once evaluation is complete, the booklets then need to be scanned once using FireEYE, which will decrypt the QR and automatically tabulate the marks to match it with the student in one stroke. Thus, result publication can happen without any glitches and manual intervention, thereby saving a huge amount of time and money.