Orion Innovation℠

DIGITIZE HANDWRITTEN NUMERIC DATA INSTANTANEOUSLY

Live Ink Character Recognition
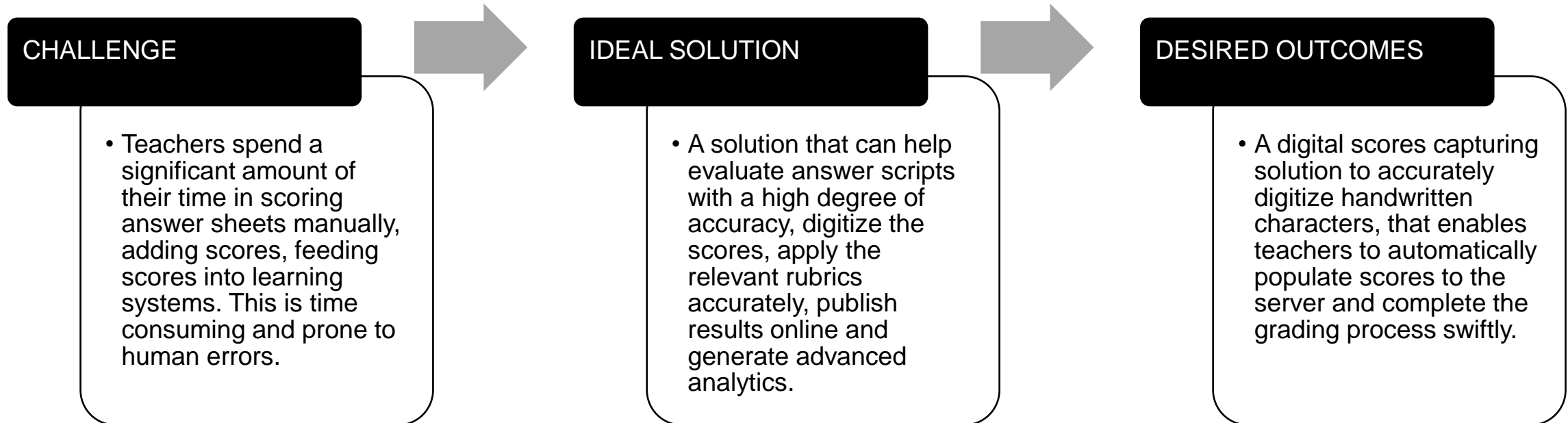
Jul 2021

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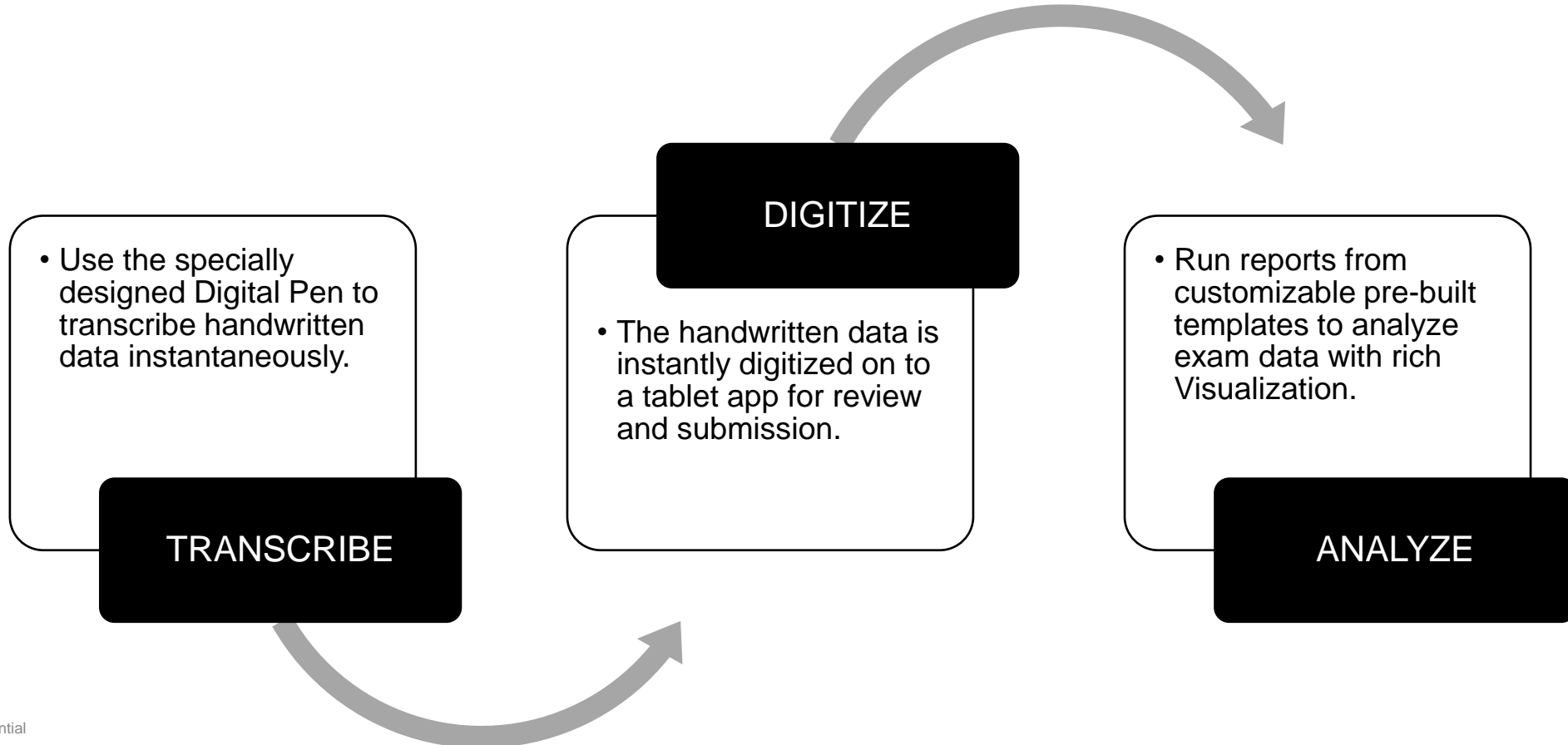Gold Datacenter
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Manual process of conducting exams, assessments and publishing results

- Digital technology is transforming education. However, when it comes to assessments, most educators still use pen and paper to assess answer books. In a traditional testing and scoring system, this error prone process gets even more cumbersome and challenging.

CHALLENGE

- Teachers spend a significant amount of their time in scoring answer sheets manually, adding scores, feeding scores into learning systems. This is time consuming and prone to human errors.

IDEAL SOLUTION

- A solution that can help evaluate answer scripts with a high degree of accuracy, digitize the scores, apply the relevant rubrics accurately, publish results online and generate advanced analytics.

DESIRED OUTCOMES

- A digital scores capturing solution to accurately digitize handwritten characters, that enables teachers to automatically populate scores to the server and complete the grading process swiftly.

Live Ink Character Recognition

- The digital scores capturing solution consists of a digital pen embedded with Live Ink Character Recognition (LICR) technology that digitizes handwritten numeric data instantaneously to any standard tablet. The intelligent platform automates the entire workflow around conducting and evaluating of examinations in real-time.

TRANSCRIBE
- Use the specially designed Digital Pen to transcribe handwritten data instantaneously.

DIGITIZE
- The handwritten data is instantly digitized on to a tablet app for review and submission.

ANALYZE
- Run reports from customizable pre-built templates to analyze exam data with rich Visualization.

Orion Innovation's Live Ink & Microsoft Azure

- Live Ink solution has widespread application in the education domain worldwide. Till date Live Ink solution has been deployed to evaluate 2.25 million answer scripts, by over 10K examiners across more than 2K schools. Live Ink integrates with Microsoft Azure to ensure security of examination data, while enhancing the overall performance and usability. Integration with Azure also helps generate valuable insights that help enhance student outcomes.

FASTER AND ERROR FREE ASSESSMENT
- Automated score validation, rubrics application and totaling helps deliver accurate results at speed

EASE OF ADOPTION
- For teachers, the process is very similar to a pen and paper-based grading. Hence, there's no learning curve involved.

DATA SECURITY & CONFIDENTIALITY
- Scores are securely transferred to the school's system at a click of a submit button from the teacher

ICSE, ISC were able to declare their results 2 weeks in advance

- The solution is currently being used by CISCE, the second largest national education board in India. The entire scoring, evaluation and result publication process is automated and digitized. Besides CISCE and Goa state, active pilots are being carried out Tamil Nadu state for ESLC and HSC. In addition, this solution is currently being evaluated by several countries in Asia and some school districts in the United States.

| Deployed At Over 2,000 Schools Across India | Used By Over 10,000 Examiners | 2.25 Million Answer Scripts Evaluated |

Book A Demo

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