

Modernising exam marking in Singapore

In partnership with



How SEAB transformed marking and won three innovation awards in the process.



Before:

Marking at scale was a high-pressure, manual operation.

Every year, Singapore Examination & Assessment Board (SEAB) coordinates the marking of Primary School Leaving Examination (PSLE) and Singapore-Cambridge General Certificate of Education (GCE) Examination, shaping academic pathways and opportunities for students across Singapore.

450,000+ high-stakes scripts

14,000 teachers marking PSLE scripts over 4 days.

Before 2018

all scripts were marked manually for PSLE and GCE exams.

Completely manual

tallying, script sorting, and envelope transport between schools and marking centres.

Behind each paper is a student waiting on results, parents hoping for progress, and teachers accountable for outcomes.

Paper-based systems

strained logistics, created security risks, and increased the chance of data entry errors.

Then:

A bold shift to eMarking, delivered with precision

In 2018 SEAB signs a contract with RM

to deliver their Integrated Digitisation of Scripts and Electronic Marking System (iDSEM), powered by RM's world-class on-screen marking solution.

By 2022:

All PSLE and GCE

subjects were fully transitioned to digital marking using RM solutions.

50% reduction

in teacher workload and the number of teachers needed to approximately 7,000.

Marking duration down 25%

cutting down operational costs and relieving pressure on educators.

3.9/4

satisfaction rating from markers who called it:

"Robust and stable, a big improvement."

Real impact

Smarter workflows, better outcomes

SEAB's digital journey led to measurable results:

Marking completed faster

enabling earlier release of results and reducing pressure on educators.

Dual-marker workflows

means two teachers could mark different questions from the same paper at once.

Enhanced exam integrity

through automated checks tracking, and reduced handling of physical scripts.

Real-time training insights data

helps identify where individual markers needed support.

SEAB were recognised nationally:



2021 Service Delivery Excellence Award



2021 MOE Innergy Award (Gold)



2023 MOE Minister's Innovation Award

Celebrating success, together

"By partnering with RM to introduce on screen marking, SEAB has significantly enhanced its markers' ability to manage their workload more efficiently. Increased security and reliability have ultimately improved its learners' outcomes."

Kieron Williams
Business Growth Director,
RM



Explore the full story
behind SEAB's
transformation

