

**INNOVATIVE
LEARNING
SOLUTIONS**



INNOVATIVE LEARNING SOLUTIONS

Continuous learning and skills development are essential in this knowledge-driven era. However, organisations are confronted with overwhelming amounts of information and limited resources to administer their training programmes.

ST Electronics' suite of Innovative Learning Solutions is developed to manage learning for institutions and organisations, efficiently streamlining workflows. From content planning, delivery to conducting of assessments, our solutions help organisations to enhance staff performance and productivity.

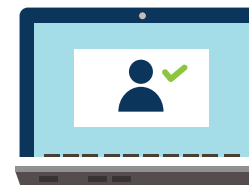
COLLABORATIVE LEARNING PLATFORMS

Facilitate Sharing and Collaboration

VIRTUAL CLASSROOM MANAGEMENT

Learning Beyond Physical Classrooms

The Virtual Classroom Management solution provides a virtual learning environment that supports instructor-learner and peer-to-peer interactions. As a convenient and cost-effective solution that reaches out to learners from remote locations, instructors and learners can collaborate real-time without the physical constraints of traditional classrooms.



Virtual Attendance

Students' attendance can be automatically captured and displayed on lecturers' tablets for tracking.



Social & Collaborative Learning Environment

Learning platforms such as chat rooms and quizzes promote two-way communication for lecturers and students to share ideas and exchange knowledge in a common virtual environment.



Virtual Whiteboard

Allows sharing of information as lecturers would on a whiteboard in a typical classroom.

MOBILE CONTENT MANAGEMENT

Create, Publish, Sync

The mobile learning and content management solution connects learners to their classrooms around the globe through their personal mobile devices, truly empowering learning mobility.

KEY FEATURES

RAPID CONTENT AUTHORIZING

Create Compelling Content

Develop comprehensive online learning programmes with robust content authoring tools ranging from embedding of videos and images to formatted text and page links. Simply drag and drop multi-media course components into a sequential path for added flexibility to personalise learning content.

CUSTOMISABLE LEARNING PATHWAYS

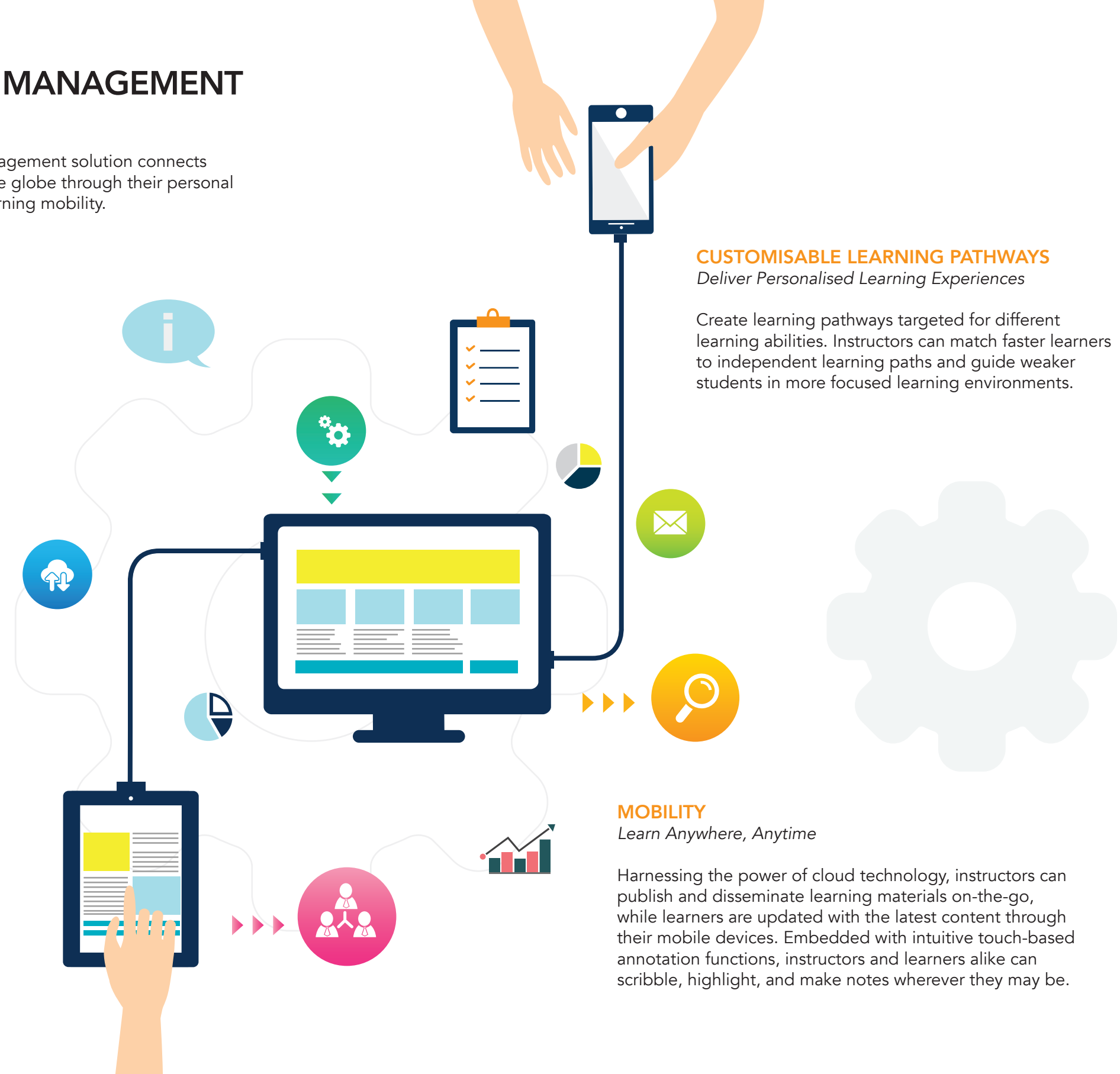
Deliver Personalised Learning Experiences

Create learning pathways targeted for different learning abilities. Instructors can match faster learners to independent learning paths and guide weaker students in more focused learning environments.

MOBILITY

Learn Anywhere, Anytime

Harnessing the power of cloud technology, instructors can publish and disseminate learning materials on-the-go, while learners are updated with the latest content through their mobile devices. Embedded with intuitive touch-based annotation functions, instructors and learners alike can scribble, highlight, and make notes wherever they may be.



WORKFLOW MANAGEMENT & MONITORING

Streamline Your Work Processes

SCHOOL ADMINISTRATION
Manage All Your School Needs

The school management solution allows school leaders and staff to manage the entire student life cycle from enrolment to graduation. In addition to tracking student data and streamlining administrative tasks, comprehensive analysis reports can be generated to improve institutional performance.

- CCA Registration & Selection
- Student Council Elections
- CCA Attendance
- CIP & Service Learning



- Student Health Records
- Student Attendance
- Student Discipline Records
- Online Application for Admissions
- Online Application for DSA
- Course / Subject Registration
- Student Streaming
- Timetable Schedules and Class Formations
- Orientation Groups

- Overseas Trip Registration
- Student Development Management
- Elective Courses Registration
- Travel Declaration

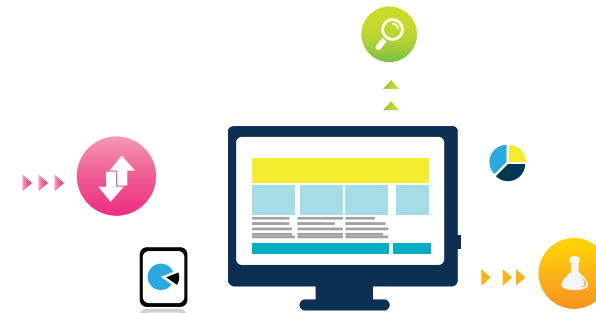
- Consultation Time Slots Booking
- Student Promotion & Retention
- Application to Add / Drop Subjects
- Student Ranking & Awards

- Exams and Performance Analysis
- Student Progress Reporting
- Parent Meeting Management

- Student Testimonials & Certificates
- SGC Entry, Validation & Vetting
- Major Activities Achievement Record Validation
- CCA, CIP and Leadership Record Validation

COMPUTERISED BASED TESTING
Accurate, Instant & Secure Evaluations

The Computerised Based Testing solution is a centralised e-assessment portal that facilitates the creation, authoring and administering of tests and certifications across multiple training centers, allowing consistent test delivery, quicker scoring and reporting.



Assessment Life Cycle

1 CREATE
From incorporating a variety of question types to challenging learners with different difficulty levels, test-setters are offered flexibility in structuring test-based assessments with pre-defined sets of criteria. A central repository allows easy uploading of learning materials from various training centres while maintaining individual centre operations and compliance standards.

2 DEPLOY
To enhance the assessment-taking experience, learners are presented with multimedia embedded questions, randomised questions and guided alerts throughout the course of the assessment.

3 GRADE & REVIEW
With auto-grading and analytics capabilities, learners can view their results upon test submission while test-setters can interpret results and conduct trend analysis to evaluate the effectiveness of the assessment.

HIGHLIGHTS
The suite of Innovative Learning Solutions targets stakeholders in organisations with interests in training and education.
It encompasses areas in:

- Collaborative Learning
- Mobile Content Management
- Workflow Management & Monitoring



ST Engineering is a global technology, defence and engineering group specialising in the aerospace, electronics, land systems and marine sectors. The Group employs about 22,000 people across offices in Asia, the Americas, Europe and the Middle East, serving customers in more than 100 countries. Its employees bring innovation and technology together to create smart engineering solutions for customers in the defence, government and commercial segments. Headquartered in Singapore, ST Engineering ranks among the largest companies listed on the Singapore Exchange. It is a component stock of the FTSE Straits Times Index, MSCI Singapore and the SGX Sustainability Leaders Index.

The Electronics sector specialises in the design, development and delivery of Information and Communications Technology (ICT) products, solutions and services addressing the needs of Smart Cities for Connectivity, Mobility and Security. Its deep technological and engineering expertise straddles business domains in Rail & Road engineering, Satellite Communications, Public Safety & Security, Cybersecurity, Artificial Intelligence, Training & Simulation, Managed Services and Defence C4ISR. It has presence in more than 30 global cities across North America, Latin America, Europe, Africa, the Middle East, China, India and Southeast Asia.

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