assessment
master

SECURE **FAST** **INNOVATIVE** **LIMITLESS**

Assessment Master™ is a unique web platform for large scale assessments.

It supports end to end assessment process from items, stimuli and test creation, administration and student management, test delivery to marking and reporting.

FEATURES AND MODULES

Designer provides an interactive non-technical process for item and test building. Having over 30 item types available, ranging from simple to very complex, customisable meta data structures and workflow (create-review-modify-publish) test creators have near unlimited possibilities. Built in translation tools and workflows to translate to any language or character set opens completely new horizons in cross-cultural and international testing.

Examiner is designed to provide a range of test delivery methods, each with distinctive features addressing specific physical, legal or environmental challenges.
- Online via any web browser and OS secured/unsecured
- Offline via USB stick
- Local Network/Wi-Fi via appliance server
- Paper based where completed tests are scored in AM Marker

Manager provides integrated security and organisational management (projects, subjects, schools, regions, etc.). Students, staff, exams, venues, sessions or any other data entities can be flexibly defined with custom data structures, fields and forms.
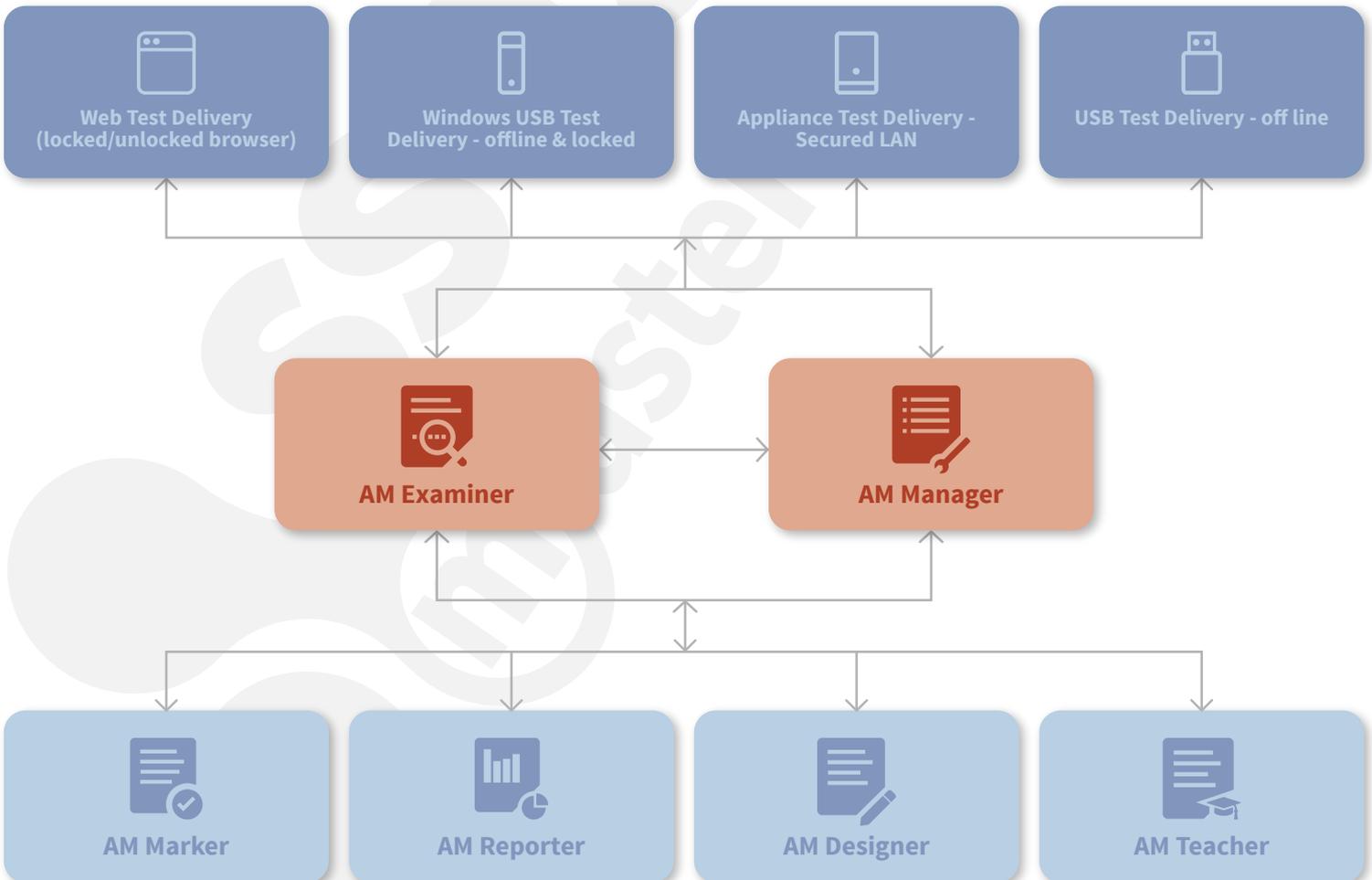
Marker facilitates four core marking activities: Training, Marking, Reliability and Marker Monitoring. It can be used as a standalone product and integrates with AI systems for automated essay scoring. Paper based (scanned) tests marking is also supported.
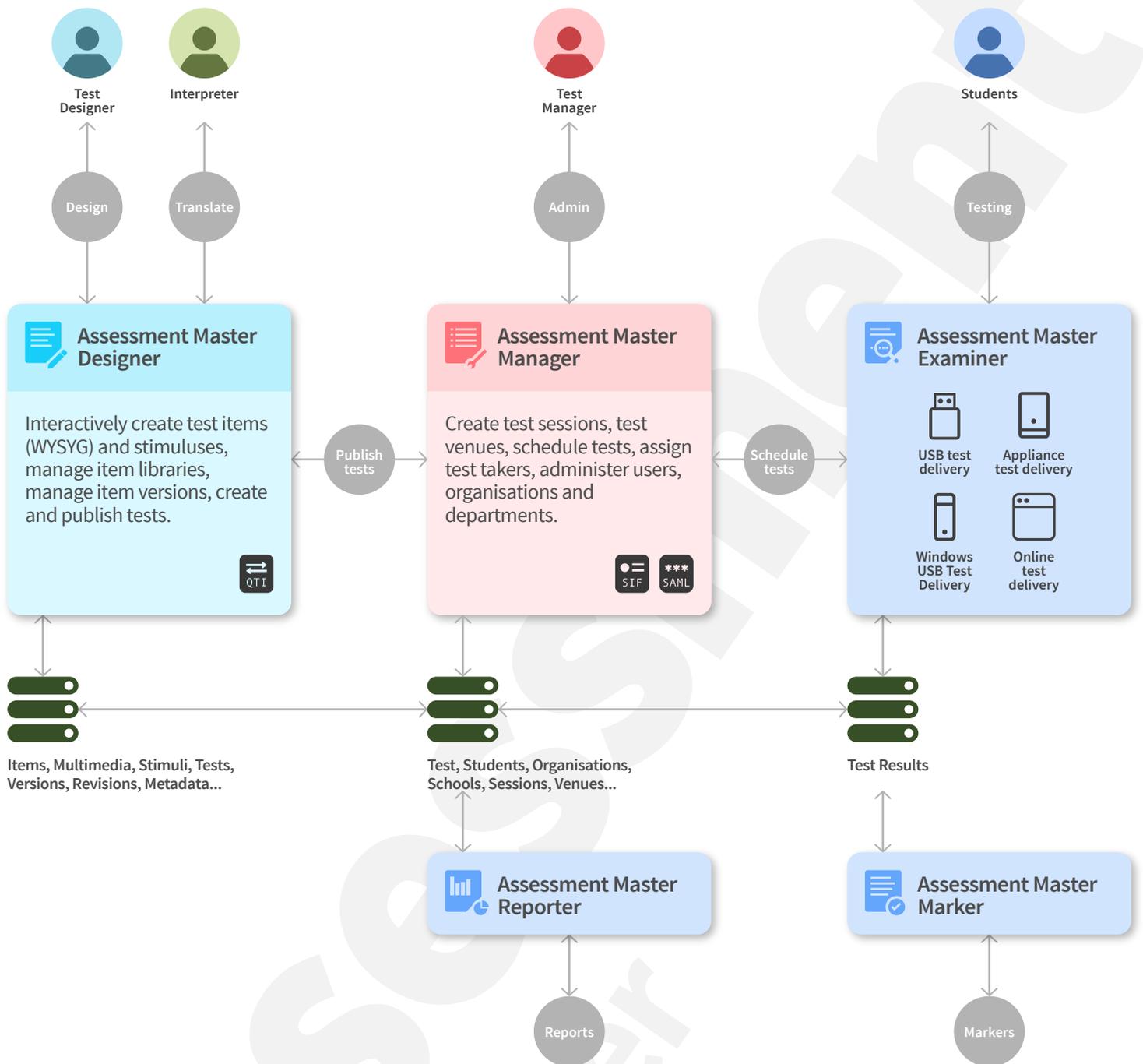
Teacher module is specifically designed for teachers providing student, class and subject management, test delivery, marking and reporting with comprehensive security and administration

Reporter provides predefined reports, customised data extracts and has a built in third party reporting designer that enables customers to create their own reports.

Web Test Delivery (locked/unlocked browser)	Windows USB Test Delivery - offline & locked	Appliance Test Delivery - Secured LAN	USB Test Delivery - off line

AM Examiner ⟷ **AM Manager**

AM Marker | **AM Reporter** | **AM Designer** | **AM Teacher**

Test Designer — Design → **Assessment Master Designer**
Interpreter — Translate → **Assessment Master Designer**

Assessment Master Designer
Interactively create test items (WYSYG) and stimuluses, manage item libraries, manage item versions, create and publish tests.
QTI

Items, Multimedia, Stimuli, Tests, Versions, Revisions, Metadata...

Test Manager — Admin → **Assessment Master Manager**

Publish tests →

Assessment Master Manager
Create test sessions, test venues, schedule tests, assign test takers, administer users, organisations and departments.
SIF SAML

Test, Students, Organisations, Schools, Sessions, Venues...

Schedule tests →

Students — Testing → **Assessment Master Examiner**

Assessment Master Examiner
USB test delivery   Appliance test delivery
Windows USB Test Delivery   Online test delivery

Test Results

Assessment Master Reporter

Reports

Assessment Master Marker

Markers

PROCESS

The diagram above represents the end to end process using **Assessment Master** to deliver computer based exams. The first step is to setup your organisation's structure (state, province, etc.), schools and test venues, subjects, projects and users with access rights using **AM Manager**. Next you can create an item bank for different subjects, align them with curriculums and create tests (linear or adaptive) using **AM Designer**. Items can be translated into different languages (Chinese, Arabic, Hebrew, etc.) and any character set. Once the test is ready it can be published through **AM Manager**. Test Managers can schedule tests, assign venues

and students to the test. You can import student records and curriculum information in bulk through the application or integrate with your existing systems using the available APIs.

AM Examiner provides multiple test delivery methods (Web, USB, Appliance and Win USB) to minimise any infrastructure and logistical challenges. All items that can be automatically scored are scored during the test, but items that produce artefacts and essays can be scored manually using **AM Marker**. Finally, you can extract data from the system for statistical analysis or create your own reports in **AM Reporter**.

Assessment Master™ is a web based application provided as a SaaS cloud solution available worldwide. It has been assessed and approved by Australian Federal Government.

Assessment Master™ is ideal in delivering summative and formative assessments for K-12, matriculation exams, university exams, vocational education skills assessments and corporate assessments. Aside from QTI item types Assessment Master™ enables a 21st century approach to electronic testing with simulative, interactive, collaborative and game like instruments in task oriented and problem solving scenarios, providing unlimited possibilities to test authors, educators and psychometricians.

SoNET Systems is an ISO27001 and ISO9001 certified software company that provides: licensing, hosting, help desk support, maintenance and ongoing development. Most importantly we have 12 years of experience in online testing.

15 Gordon Street, Cremorne,VIC., 3121, Australia

Phone: +61 3 8533 7700
www.sonet.com.au