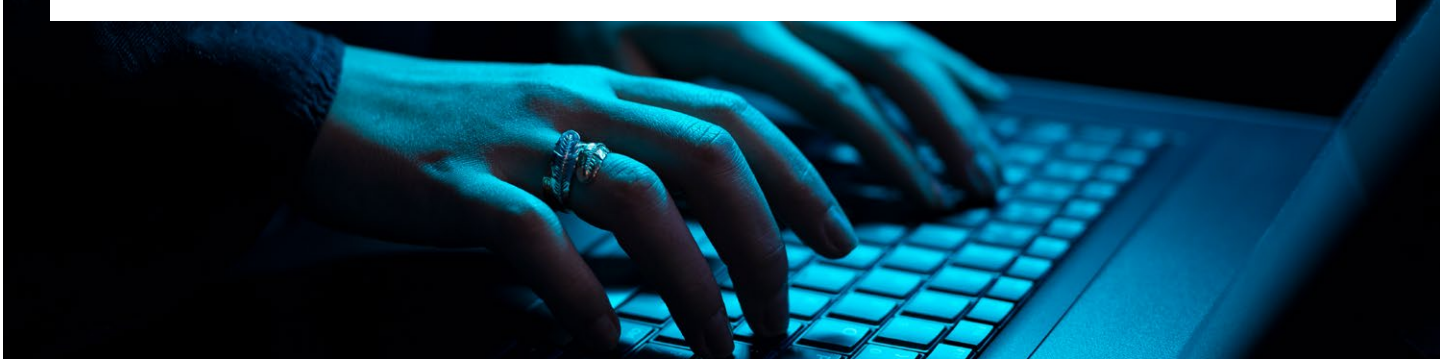# AEC's Mondialab Pro

A State-of-Art 360° Point-of-Care (POC) Testing Platform

Mondialab Pro enables healthcare providers to deliver agile lab-on-a-chip technologies, carry out accurate testing and diagnostics, and leverage robust data management. It uses lateral-flow-immunoassay (LFIA) rapid-test technology to carry the initial screening for hundreds of diseases and health conditions.

Eliminates human-error

Agile data management

Easy portability

Customizable

Mondialab Pro 360° Platform

- **kPlex:** A customizable next-gen LFIA testing module that can test upto 12 conditions simultaneously.

- **Reader:** A wireless and portable LFIA test reading device with 99.9% testing accuracy.

- **App:** Besides test result data, the App also collects information such as location and time for enhanced data management.

- **Datalab:** A command and control center for optimal healthcare-surveillance to facilitate informed decision making.

AEC's Mondialab Pro

Revolutionizing Rapid Electronic Tests with Advanced Data Management

- **Test Data Analytics:** Comparing different time periods, exploring maps, displaying real-time results and evaluating health data in various views

- **Supply Data:** Manage and track Reader and kPlex inventory

- **Lab Data Management:** Integration and connectivity with LIMS (Laboratory Information Management System) to the MONDIALAB platform for potential enhanced diagnostic data management

- **Health Data Sharing:** Mondialab adheres to Health Level Seven (HL7) standards for transfer (using FHIR API) of clinical and administrative data between software applications used by various healthcare providers

- **Data Compliance:** By implementing an Information Security Management System and working within the ISO 27001 standard, Mondialab fulfils the highest current standards regarding data protection and data management

- **Data Localization:** Mondialab platform and encrypted, private servers are implemented via established Mondialab third parties. Independent servers can be sourced and implemented upon request

Service Structure

*LIMS: Laboratory Information Management System
*FIHR: Fast Healthcare Interoperability Resources