

## AC Lab System

ACLS is an integrated laboratory resource management system, created by Mark Wainwright Analytical Centre for their scientific communities, that caters to the needs of all personnel in a laboratory environment.

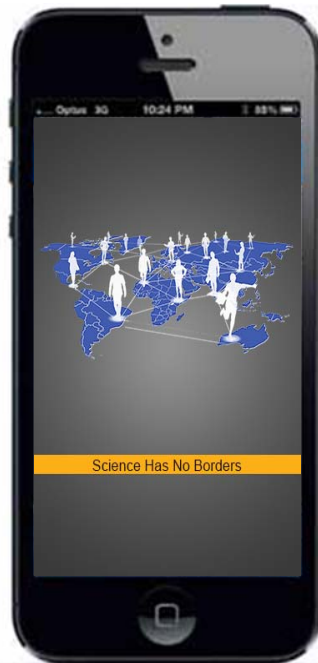
For laboratory users and clients, ACLS provides a simple, user-friendly web interface where resources can be booked or sample processing monitored remotely.

For laboratory staff, ACLS logs user training and manages access to resources accordingly.

For laboratory management, ACLS automates the administrative process of logging user time and invoicing clients, as well as providing reports that detail valuable statistics on resource usage.

ACLS aims to improve the operation of laboratories through more informed laboratory decisions and increased quality of service, allowing more focus to be cast on science.

AC Lab System, bolted on 3 key components – web based component, logon server component and email server component, has proven its reliability, security and quality of service over years' operation.



Mobile App and Browser version now available

### AC Lab System Community:

- The University of New South Wales Sydney
- The University of Sydney
- The University of Wollongong
- The University of Newcastle
- The University of Western Sydney
- The University of Technology Sydney
- Macquarie University
- Victor Chang Innovation Centre
- Australian National University
- Deakin University
- Swinburne University of Technology
- Monash University
- The University of Queensland
- Queensland University of Technology
- University of Western Australia
- Curtin University of Technology
- University of South Australia
- Kolling Institute of Medical Research, Royal North Shore Hospital
- Ingham Institute (Applied Medical Research), Sydney
- Melbourne Centre for Nanofabrication, the Victorian Node and Headquarters of the Australian National Fabrication Facility
- CSIRO - Earth Science and Resource Engineering
- The University of Oslo, Norway
- Central Washington University, USA



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## AC Lab System

Adaptive & Smart Resource Booking

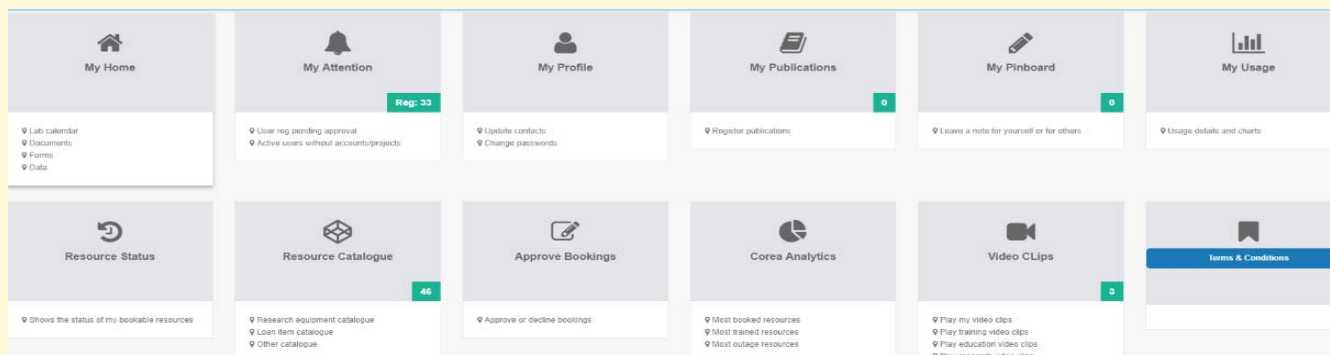
Never Stand Still Division of Research Mark Wainwright Analytical Centre



# AC Lab System

## Major Functions:

1. Users' registration: the process of registration submission is in multiple steps, to make very flexible for labs to decide which needs to be included and excluded. You have the options to upload the photo, indicate resources of interest, fill in accounts, and more.
2. User management: user profile update and information search, users' access reactivation, login control, connecting to account or project, supervisor information, powerful search tool to any users.
3. User training and certification management: trainer management, certification process monitoring and management
4. Booking management: Google web calendar like, many types of bookings are available, operation, user, training, commercial, service, behavior control.
5. Resource management: Resource grouping, booking permissions, training requirements, linked resources, current resource booking and usage status
6. Account management: account set up, integrating with PeopleSoft finance system, budget tracking and rollover, subscription tracking
7. Sample tracking: job registration, sample job process monitoring, sample completion report and report sharing
8. Broadcast messages: providing an efficient way of communicating between staff and user for short notices, with staff signature
9. Email Alert and Reminder: sending out email notes for training booking, service booking, booking reminder, user access reactivation, budget alert, and more
10. Reporting: booking or usage summary, sort by user, by resource, by school or organization, by supervisor. Batch Data Report Tool (bDRT) is available to compile the full report quick and easy.
11. Invoicing: generating invoice statement, accessible to the supervisors. Batch Invoicing Tool is available to compile the invoices quick and easy
12. Training and support: ticketing system to track and process user requests for training and support
13. Form and document repository: managing the user forms of OHS, induction, etc. and restricted documents, such as training materials, policies, etc.
14. Survey: providing a survey creator to create a survey, run a survey and conduct survey analysis
15. Wizard: providing one stop process to set up critical settings and functions of the system
16. My Dashboard: providing a quick driving panel to access to the system as illustrated below.



## Server and Client Application:

ACLS offers more than just web application. With the dedicated server and tracker application architecture, you are able to track the real-time resource (instrument, machine, equipment) operation time. Through tracker agent, user can only logon to the resource (instrument) computer with the

valid accounts and certificates. ACLS tracker will let you submit incident reports, and manage data capturing and tagging to integrate with the e-Research infrastructure.

## Partnership:

Since 2017, we partner with UniLab Pty Ltd to provide the sustainable support and service to ACLS communities. UniLab commences a number of projects to deliver the highly desired digital solutions to fulfill the demands of digital campus.

Moxy (Labcast) is the latest service for live ACLS calendar cast to screens, live desktop sharing, live weather dashboard and video players.

## Labcast

Display anything you want on any screen, from anywhere, anytime.



## Single Sign On – AAF Ready



ACLS is able to have a single sign-on if there are multiple ACLS instances at your organization. Furthermore, individual ACLS instance can form a trusted node circle to bridge the access of each other. Single Sign On works with Australian Access Federation (AAF).

