AC Lab System

ACLS is an integrated laboratory 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 facilities can be booked or sample processing monitored remotely.

For laboratory staff, ACLS logs user training and manages access to facilities 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 facility 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 vesion now available

List of Labs signed on AC Lab System:

- The University of New South Wales:
- The University of Sydney
- The University of Wollongong
- The University of Newcastle
- The University of Western Sydney
- Macquarie University
- Deakin University
- Swinburne University of Technology
- The University of Queensland
- Queensland University of Technology
- University of Western Australia
- Curtin University of Technology
- Children's Cancer Institute Australia for Medical Research
- 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
- Translational Research Institute
- CSIRO - Earth Science and Resource Engineering
- Trinity College Ireland
- The University of Oslo, Norway
- Sabanci University, Istanbul, Turkey

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AC Lab System

UNSW
AUSTRALIA

ACLS

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 facility 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, facility, user, training, commercial, service.

5. Facility management: facility grouping, booking permissions, training requirements, current facility booking and usage status

6. Account management: account set up, 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 facility, by school or organization, by supervisor. A special Batch Data Report Tool (bDRT) is available to compile the full report quick and easy.

11. Invoicing: generating invoice statement, accessible to the supervisors. A special 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.

Need Attention		Lab Event Calendar	
My Bookings	Service Bookings	My Trainer Certificates	My Accounts
Access Documents	Access Forms	Access Data	Access Console Password
Access Invoices	Access Sample Reports	Access Sample Job Sammary	

Server and Client Application:

ACLS offers more than just web application. With the dedicated server and client application architecture, you are able to track the real-time facility (instrument, machine, equipment) operation time. Through logon client, user can only logon to the facility (instrument) computer with the valid accounts and certificates. ACLS console will let you submit incident reports, and manage data capturing and tagging to integrate with the e-Research infrastructure.

AC Lab System Requirements and Installation:

Server Computer Hardware Requirements:

- *CPU: Pentium 4 above*
- *Memory: min. 4GB*

System (Server):

- *Windows Server 2003*
- *Windows Server 2008*

Awards:

2008 UNSW Professional and Technical Excellence Awards, Excellence in Innovation.

Single Login

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.

Trust Partners

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