



ARIA – Automated access management

ARIA is a full cloud-based access and facility management solution

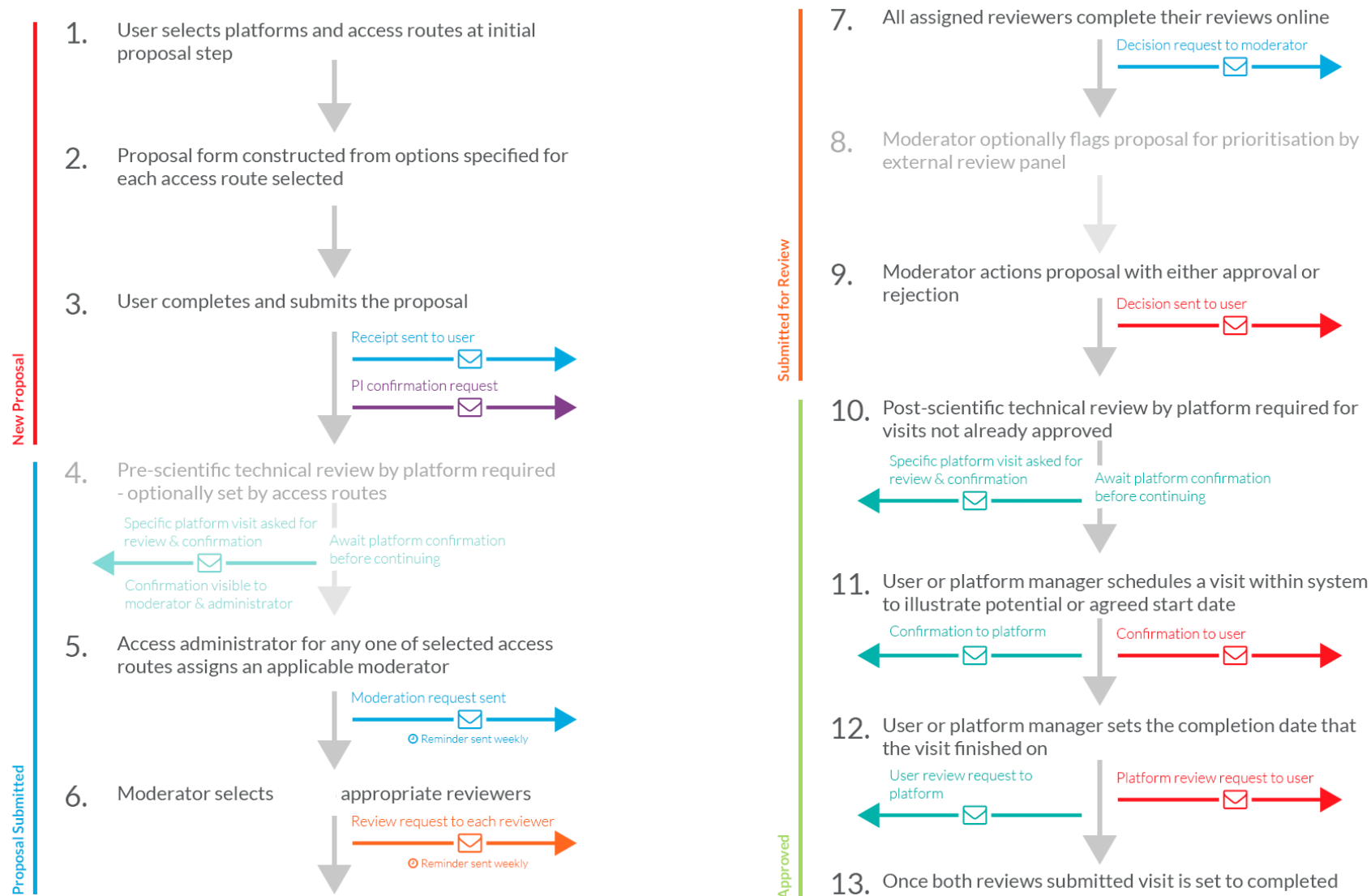


Completely customisable forms, workflows and management styles allow for integration of very different access infrastructures within a single application

Integrated messaging, automated reminders, stats generation, facility integration, reporting, CRM, peer/panel or no review, an ever increasing feature list.

Fully documented API endpoints for programmatic data access (used by synchrotrons and facilities across Europe)

Customisable access workflow



Full style and brand integration

The screenshot displays the iNEXT web application interface, which is designed for submitting proposals to various structural biology facilities. The interface is organized into several sections:

- Header:** Includes the Leeds.ac.uk logo, navigation links (Intranet, Contact), and the title "The Astbury Centre for Structural Molecular Biology".
- Navigation Bar:** Features links for HOME, ABOUT, RESEARCH, PEOPLE, FELLOWS, EVENTS, PhD POSITIONS, and OTHER POSITIONS.
- Main Content Area:**
 - Select what you want to apply for:** A section with four categories: Sample Preparation, Biophysical Characterisation, Structural Analysis, and Data Analysis. Each category has a list of sub-options with radio buttons for selection.
 - Structural Audit:** A section for non-experts to request a quality assessment for structural biology studies or SAXS-only characterization. It includes a "Help?" link.
 - Enhanced Support:** A section for non-experts to request dedicated expert help for specific structural biology projects. It includes a "Help?" link.
 - High-end Data Collection:** A section for experts to request access to high-field NMR, X-ray, and high-resolution EM equipment. It includes a "Help?" link.
- Right Sidebar:**
 - Your Proposal Progress:** A vertical list of steps: 1. Select Platforms, 2. Confirm Platform Selection, 3. Proposal Details, 4. Your Research Team, 5. Exclude Reviewers, 6. Confirm and Submit Proposal.
 - Select Platforms:** A section where users can select their preferred platform from a list of available options. It includes a "Help?" link and a "Please select your preferred platform from the list below. Reviewers may highlight platforms which will cater to your specific research using your personal ion beam access point."

Currently in use by multiple funding infrastructure and facilities for managing access

Powering facility management for many different centers worldwide

Full single sign-on available



ARIA and Single Sign-On

Integrated approach to authentication focused on the user perspective

Maximum integration – user choice


ARIA is in use in many facilities and multiple access providers so single sign-on is critical



Users can choose from any of the authentication choices and connect external identities to a single Instruct account

Connected identities are used in the API endpoints to help identify common users between multiple systems (requires consistent identifier - not possible with eduGAIN)

ARIA login page



Search...

HomeAccessTrainingInformationNetworkRegisterLoginDashboardSubmit Proposal


Umbrella Login

Umbrella is a pan-european login initiative focused on physical and life sciences. Connecting your Umbrella account to your Instruct account is simple, and registering for a new Umbrella account is free and open to anyone.

umbrella Login with Umbrella

Instruct Login

If you have an existing Instruct account you may [login](#) in with it here. Alternatively you can [register](#) with Instruct or login with your local institute and your details will be transferred across to Instruct.



Register with Instruct

If it is your first time seeing this screen and you already have an Instruct account, you may need to migrate it across to the new authentication system.

Migrate Account

Other Login

You may login with your local institute account or your other federated identities. Once logged in you can connect your institutional account to your Instruct account very simply. Type in the search bar below to find your institute.

Use a suggested selection:

Science and University Technology of Oxford Facilities...


Enter your organization's name


Login with Organisation


Help


KEY LINKS

HomeAboutAcknowledgementContact UsTerms of UseTerms of SubmissionPrivacy Policy

 4022 Users

 12 Countries

 16 Centres

 211 Platforms

FACTS & FIGURES

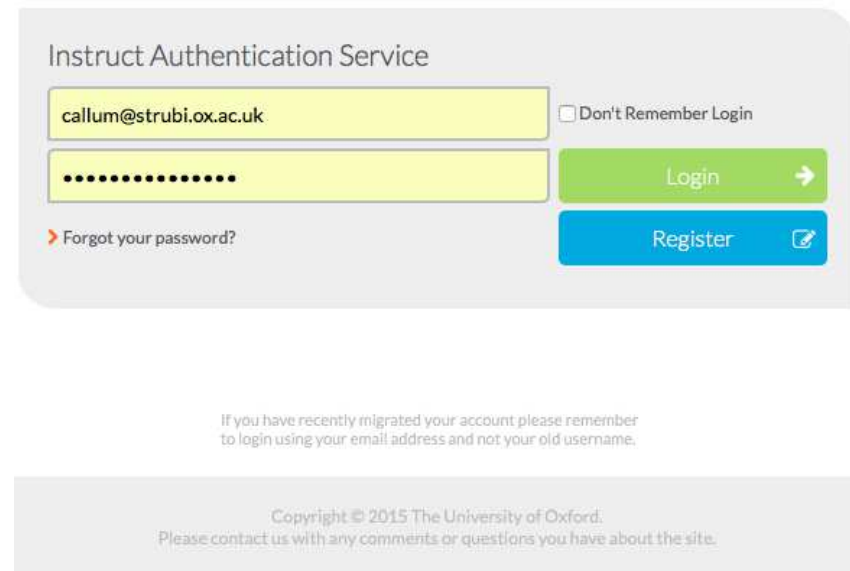
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Instruct Authentication Service

Instruct Authentication Service is gaining popularity with over 4000 registered users

Identity service is in-progress to be fully integrated into EUDAT (European cloud data initiative) to allow seamless auto-provisioning

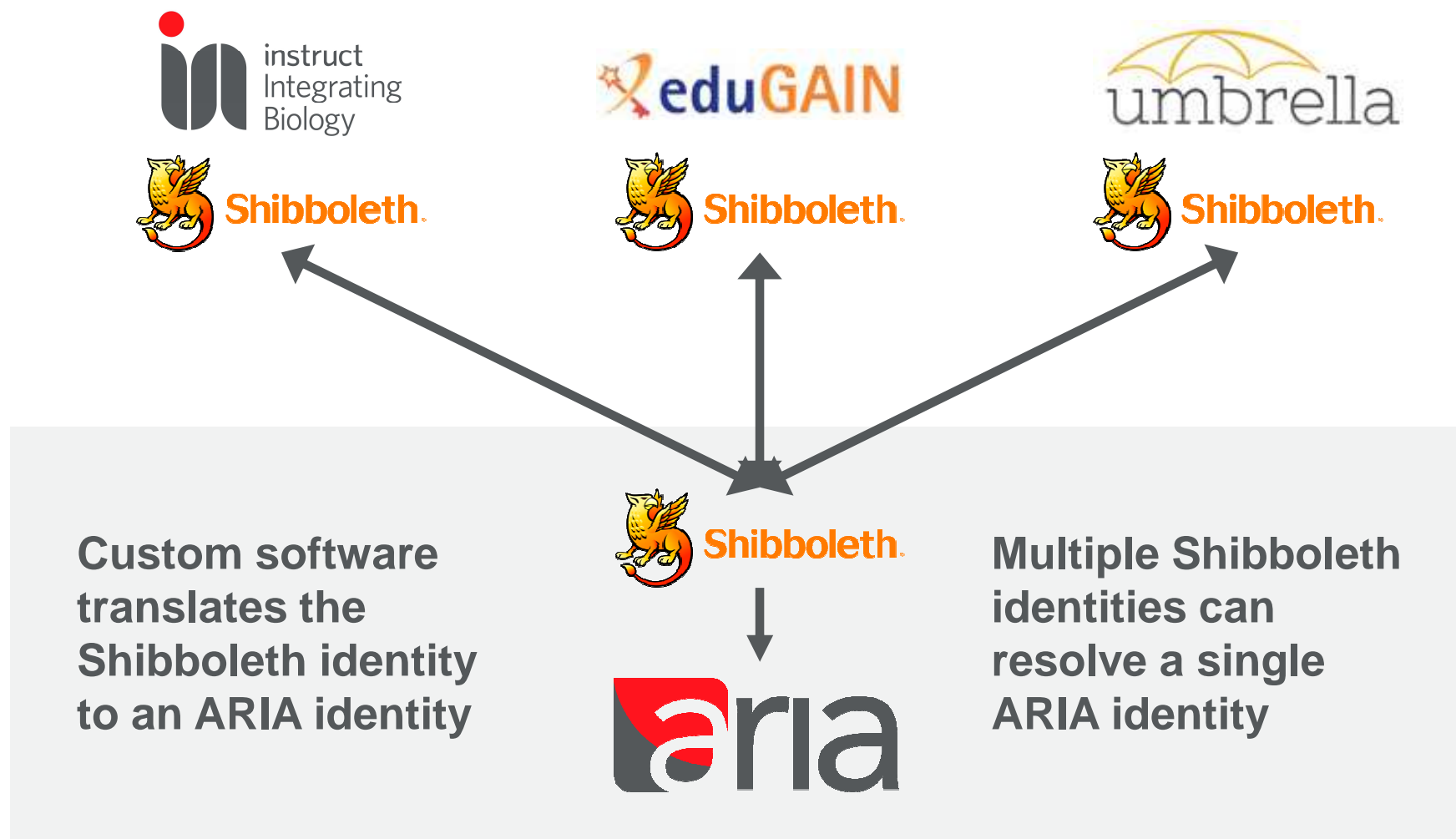
In discussion with synchrotrons to allow authentication at beamlines via Instruct (Moonshot)



The screenshot shows the Instruct Authentication Service login interface. It features a title 'Instruct Authentication Service' at the top. Below the title are two input fields: the first contains the email 'callum@strubi.ox.ac.uk' and the second contains a masked password '.....'. To the right of the password field is a checkbox labeled 'Don't Remember Login'. Below the input fields are two buttons: a green 'Login' button with a right-pointing arrow and a blue 'Register' button with a pencil icon. A link '> Forgot your password?' is located below the password field. At the bottom of the form, there is a note: 'If you have recently migrated your account please remember to login using your email address and not your old username.' Below this note is a footer section with the text: 'Copyright © 2015 The University of Oxford. Please contact us with any comments or questions you have about the site.'



IDENTITY PROVIDERS



Problems, but solutions!



| | | |
|-------------------------------------|--|-----------------------------|
| 4000+ Scientific users | Lots of users! | ~600 users (last count?) |
| Consistent Identifier | No trans-service identifier | EAAHash |
| Allows self-registration | Must have registered home organisation | Allows self-registration |
| Not connected to many services | Connected to many | Connected to few |
| User authenticity provided | User <i>could</i> be registered with an organisation | No authenticity of any kind |
| Authorization is handled internally | No external authorization | No external authorization |

