



Australian Government
Department of Education

PRISMS Modernisation Project Technical Working Group #2 22 Feb 2023

We'll be with you shortly.....





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Warwick Miles | Director – PRISMS Modernisation
Department of Education



Today's session

PRISMS Modernisation Project

- Project Overview
- Progress to date
 - Dep. of Education
 - Dep. of Employment and Workplace Relations
- Project documentation
- Next steps
- Q&A

PRISMS Modernisation Project: Overview

Background

- Over \$17m allocated over two years (2022-2024) to streamline enrolment processes for international students.
- The sector has long advocated to modernise PRISMS through direct representations and consultation.

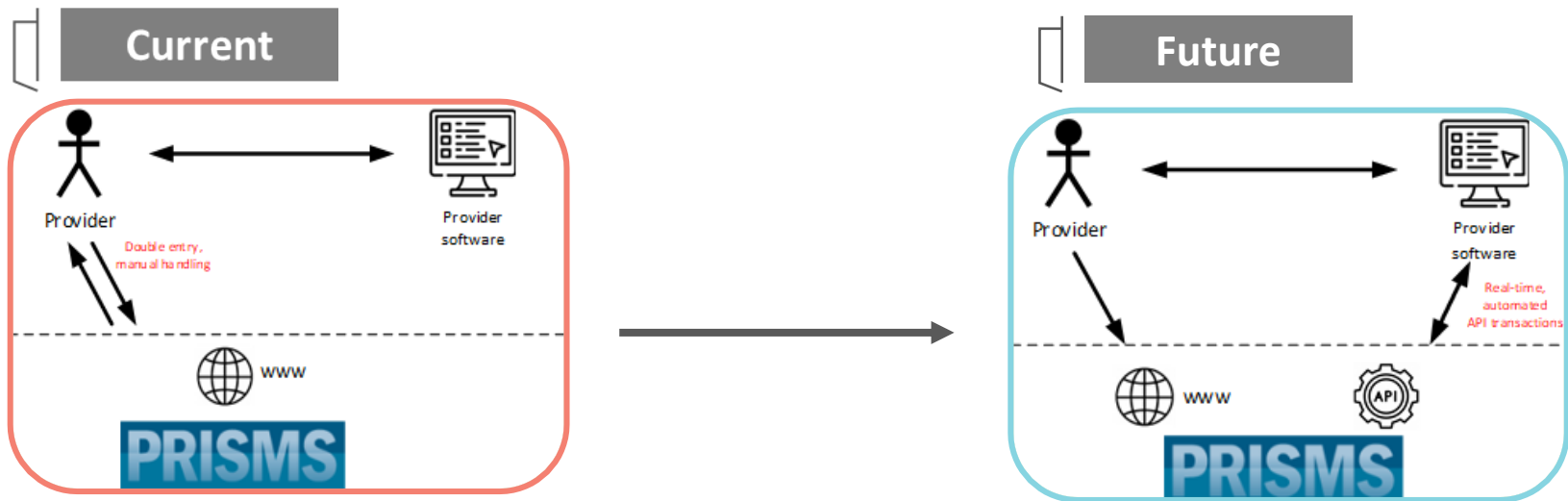
Scope

- Implement a new Application Programming Interface (API) for PRISMS to directly connect with education enrolment systems.
- The project will focus on high use PRISMS functions. No change to PRISMS/Home Affairs interactions, legislation or reporting requirements.
- **The PRISMS website will remain functional and available.**

Stakeholders

- CRICOS providers and PRISMS users
- Software vendors
- Home Affairs and Regulators

PRISMS: Current & Future



Benefits

- The enhancement of the PRISMS application make it easier for providers to submit student enrolment data by using the Business to Government (B2G) Application Programming Interface (API) automation.
- The new integration capability is expected to:
 - ✓ save the sector an estimated \$10 million in regulatory compliance costs each year
 - ✓ improve the timeliness and accuracy of PRISMS reporting
 - ✓ aid in the sustainable sector recovery post COVID-19
 - ✓ reduce double data handling for providers to improve business efficiencies.

The vision – CoE creation



You are in your admissions system or student management system.



At the point where you would normally log in to PRISMS to create a CoE, you might instead click a 'Create CoE' button.



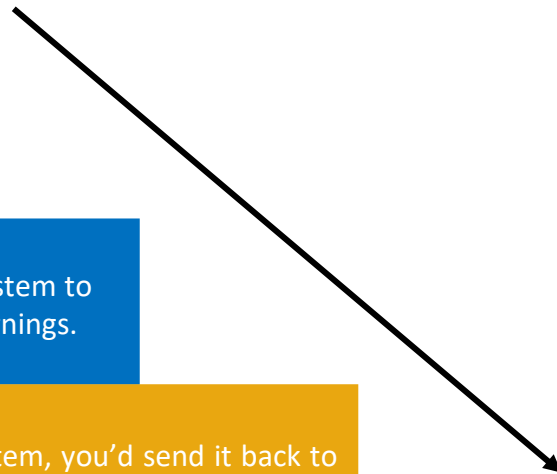
The system would then input relevant data from your system to PRISMS then PRISMS would return any validations or warnings.



Once the validations are cleared in your system, you'd send it back to PRISMS to 'Create CoE'.



If successful, PRISMS will create an approved CoE, then send back the CoE code and certificate to your system.



Progress to date

Key achievements

- Discovery phase complete – key decisions on architecture, infrastructure and authentication.
- Technical documentation complete
- Software vendor engagement meetings and surveys
- Delivery timeframes refined

Next steps

- Technical design phase – regular document release to TWG members and software vendors
- Software Vendor engagement to continue

Project key dates





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PRISMS Modernisation Project

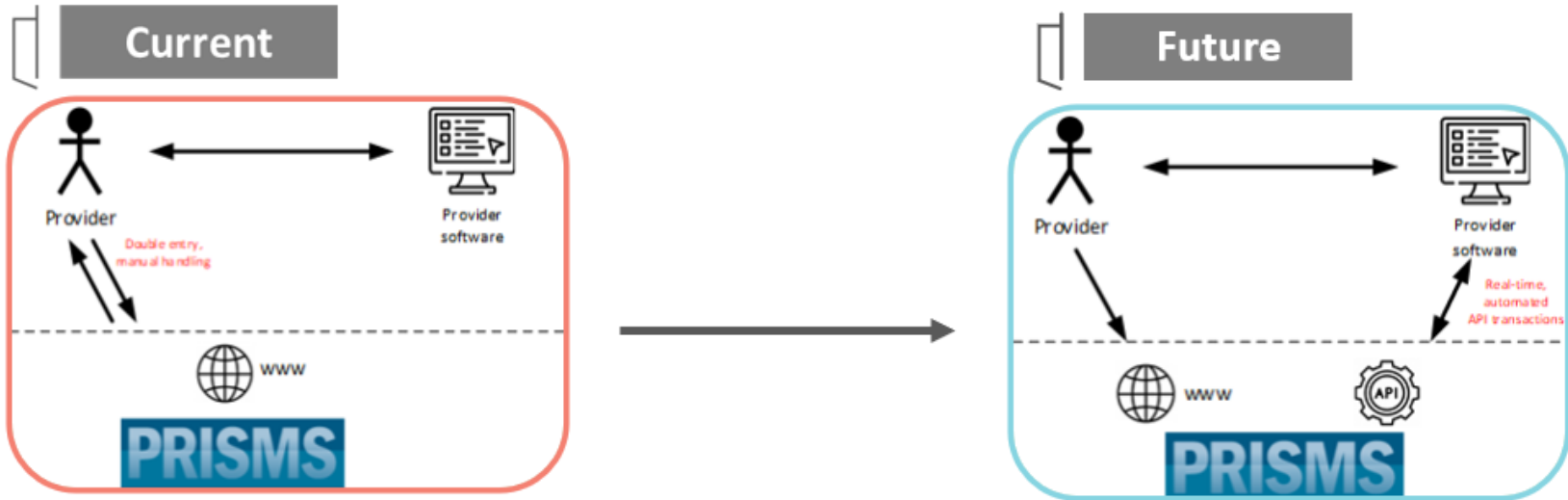
Technical update – 22 February 2023

- Introduction
- Framing the problem
- Questions from November
- Current priorities and delivery focus

Re-introduction to the Delivery team

- We sit within Digital Services Division in Department of Employment and Workplace Relations (DEWR)
- Manage IT solutions on behalf of the Department of Education
- Multi-disciplinary team to deliver this project
- Provider and vendor engagement and consultation managed out of the business team in Department of Education

What's the problem we're trying to solve?



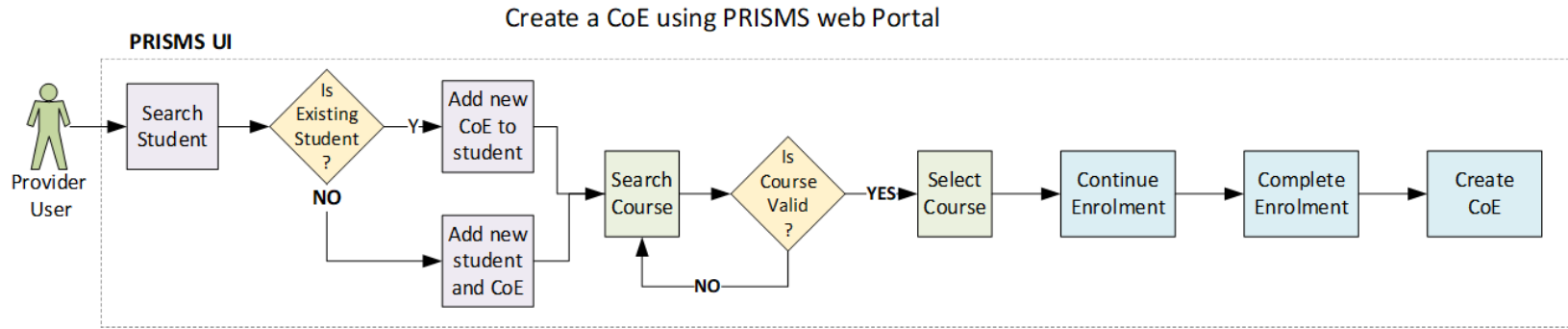
Questions from November TWG

- Impacts on current PRISMS functionality
- Engagement with vendors
- Continuation of manual processes through existing UI
- Future API capabilities

Update from November TWG – Approved CoE Create

- Defining the data flows and validations that underpin the UI process
- Defining the data entities
- Developing base API specifications from the CoE Create service flow

CoE Create Service Flow – PRISMS UI



3 Focus areas

- Building the enabling infrastructure
- Establishing API Lifecycle
- API design and build

Infrastructure

- Setting up environments and infrastructure to support external API capability
- This is a new requirement for PRISMS as we haven't had system-to-system interfaces previously
- This environment is for provider software suppliers to consume, not for providers.
- In April we'll be doing an internal test to make sure that it can be accessed from an external source.

API Lifecycle

- Onboarding and Assessment of Vendors and Providers
- Defining the API lifecycle – both for us as producers and also consumers
- Determining timings

API Design

- We've identified the key data elements that make up a CoE – need to validate that these are all held in provider systems
- Now breaking down common data required between the systems - reference data - eg States, Countries, Titles, Course Locations etc.
- There are two types of reference data we see at this point
 - Global (eg countries and states) and
 - Provider specific (eg course locations).
- Focus only on validation and supporting reference data for initial release (August)
- Each API call will have its own particular nuances, engagement with end users will be key. Some reference calls will require little to no consultation (eg States), others may require more consideration and consultation

API Design

Example list of reference data for the CoE create process

1. Australian States
2. Country
3. Title
4. Gender
5. Provider Location
6. Country Of Birth
7. Nationality

Questions?

Contact prismsAPI@education.gov.au

Project Documentation

PRISMS Data Elements: CoE Create Input Data Requirements

- Target audience – vendors and education providers without direct PRISMS access
- Details the current state data inputs for a user to create an approved Confirmation of Enrolment (CoE)
- To assist in preparing own systems for upcoming (API) functionality being exposed to create CoE function

3 → CoE>Create-Input-Data

¶

The below table provides a detailed list of the information a user is required to enter to create an approved CoE in PRISMS. ¶

Note: only CoE Administrator users can create approved CoEs in PRISMS. ¶

¶

[REF] indicates an input which is sourced from PRISMS reference tables ¶

Input ¶	Input Type ¶	Description ¶
Student ¶		
¶		
In order for providers to add a new CoE, they must first either locate an existing student in the PRISMS student or create a new student ¶		

Input ¶	Input Type ¶	Description ¶
Family Name ¶ MANDATORY ¶	Text Field ¶	Must be given unless [Only One Name] indicator flag has been set ¶ May only consist of: ¶ <ul style="list-style-type: none"> Alpha characters ¶ Round brackets ¶ Hyphens ¶ Apostrophes ¶ Must contain at least two alpha characters ¶ Must be between 2 and 20 characters in length ¶ <u>Note:</u> Family Name is stored in capitalised form in PRISMS ¶
Gender ¶ MANDATORY ¶	Dropdown List ¶ [REF] ¶	Valid values ¶ <ul style="list-style-type: none"> Male ¶ Female ¶ Indeterminate ¶
Date of Birth ¶ MANDATORY ¶	Date ¶ (dd / mm / yyyy) ¶	Must be on or after 1/1/1900, and no later than system date ¶ <u>Note:</u> ¶ Student <i>should</i> be at least 4 years of age by the [Proposed Course Start Date] ¶
Country of Birth ¶ MANDATORY ¶	Dropdown list ¶ [REF] ¶	Must be a supported country of birth ¶
Nationality ¶ MANDATORY ¶	Dropdown list ¶ [REF] ¶	Must be a supported nationality ¶

Project Documentation

Future PRISMS Functions


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Future PRISMS Function - options

- Retrieve CoE details
- Retrieve visa alerts
- Cancel CoEs
- Update (expired) CoE status to approve
- Confirm study commencement
- Update CoE location
- Basic Student Course Variation (SCV) reporting (non-commencement, completed course early, cessation of studies, transferred to another course, etc.)
- Complex SCV (Suspension / Deferment, Change to enrolment, Extensions, etc.)
- Report provider or student defaults

Future PRISMS Function – options cont.

- Update welfare arrangement
 - End welfare arrangement
 - Terminate (non-approved) welfare
 - Retrieve welfare details
 - Print welfare Letter
 - Retrieve welfare information
 - Update student details (provider student ID, passport number, comments)
 - Update student contact details
 - Retrieve student details
- 

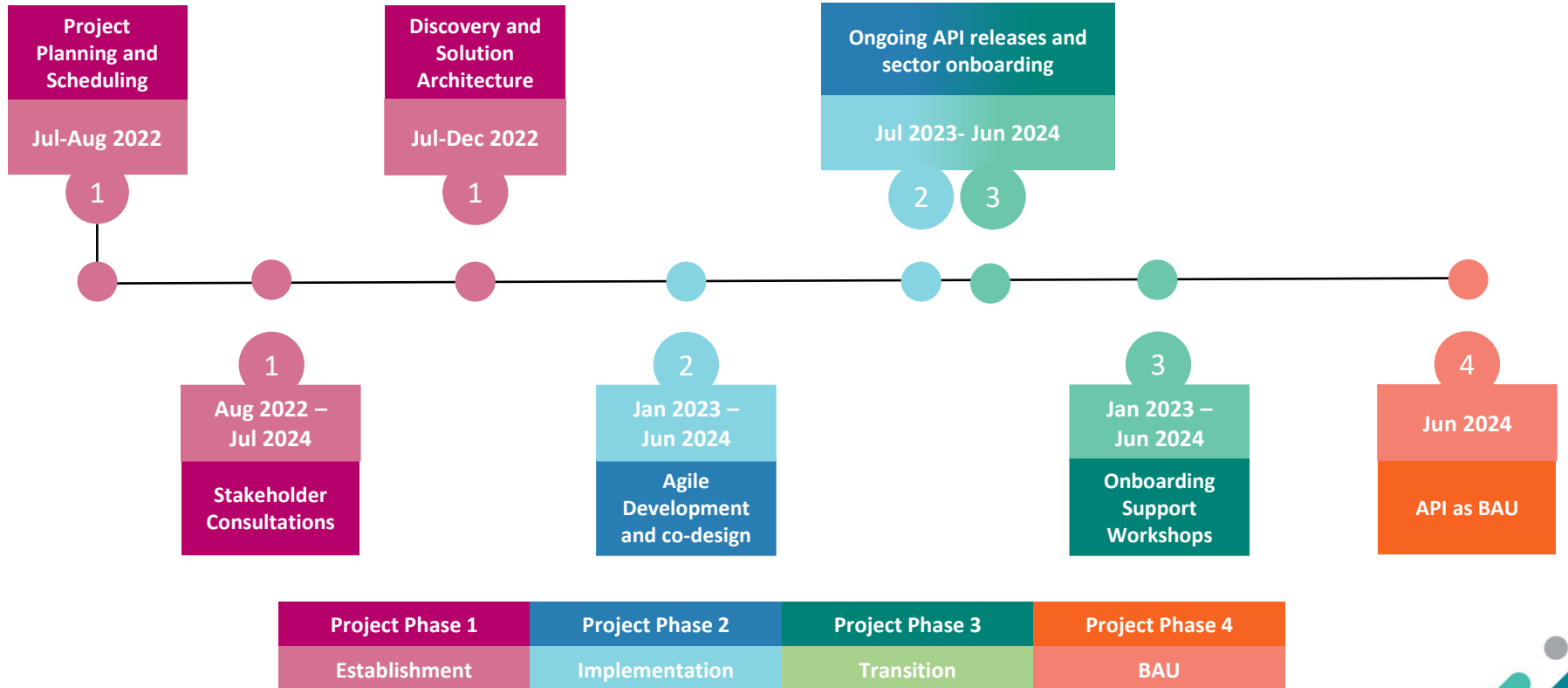
Future PRISMS Function – options cont.

- Record student releases
- Record refusal of student releases
- Retrieve courses and course information
- Retrieve locations and location information
- Add agent
- Remove agent
- Edit agent / agency information
- Retrieve agents and agencies
- Reset password of colleague

Key messages from CRICOS providers: Recap #1 TWG

- Providers will look to us to approach their software vendors
- Stakeholders want access to project documentation to better understand impacts on their business processes
- Some providers are concerned that using the API will be mandatory –
FACT: the PRISMS website will remain operational
- The importance of a good test strategy and a test environment before implementation remains a priority for providers

PRISMS: Implementation Plan



Next steps

- Technical Working Group
 - Email updates and any documentation release on the web – March/April 2023
 - Next TWG meeting - April/May 2023
 - PRISMS News items will provide updates, and we have you on our stakeholder list
- Software vendor engagement - ongoing

Key dates:

- March - July 2023 – release of documentation to vendors through TWG
- August - September 2023 – release of testing environment for CoE Create/Approve API functionality
- September – October 2023 – live (Production) release of COE Create/Approve API functionality

Questions?





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Thank you!

Contact: prismsAPI@education.gov.au

Website: <https://www.education.gov.au/prisms-modernisation-project>