



# TRANSFORMING THE COLLECTION OF STUDENT INFORMATION (TCSI)

**AAIR**

**19 NOVEMBER 2018**

# Overview

- ❖ TCSI – AN UPDATE ON PROGRESS
- ❖ TECHNICAL REQUIREMENTS
- ❖ SCHEDULE
- ❖ 2020 ELEMENTS, STRUCTURES AND DOCUMENTATION
- ❖ COMMUNICATIONS

# REPORTING STRATEGY

**B2G  
APIs**

Business-to-Government APIs will be available to support reporting automation

**Multi-  
channel**

Users may choose to use a combination of the two channels

**Portal**

The Portal will support smaller file submissions

# TCSI TECHNICAL SPECIFICATIONS

- ▶ **API Specifications** – this document provides developers with details of the API (application programming interface) endpoints for the reporting of course, campus, student and unit of study data
  - Version 1 released 17 August 2018
  - Version 2 released 5 October 2018 (updated based on sector feedback and included, endpoints for Applications and Offers, VSL data elements, Staff and Concordance
  - **Version 2.1 planned for release 26 November 2018\***
- ▶ **PRODA Guides** – these documents provide information regarding the PRODA authentication for software instances
  - Documents were released on the Govdex TCSI Developer Community on 30 October 2018



# TCSI ENGAGEMENT AND SUPPORT

- ▶ A developer webinar was held on 2 November, with over 85 participants. The focus included:

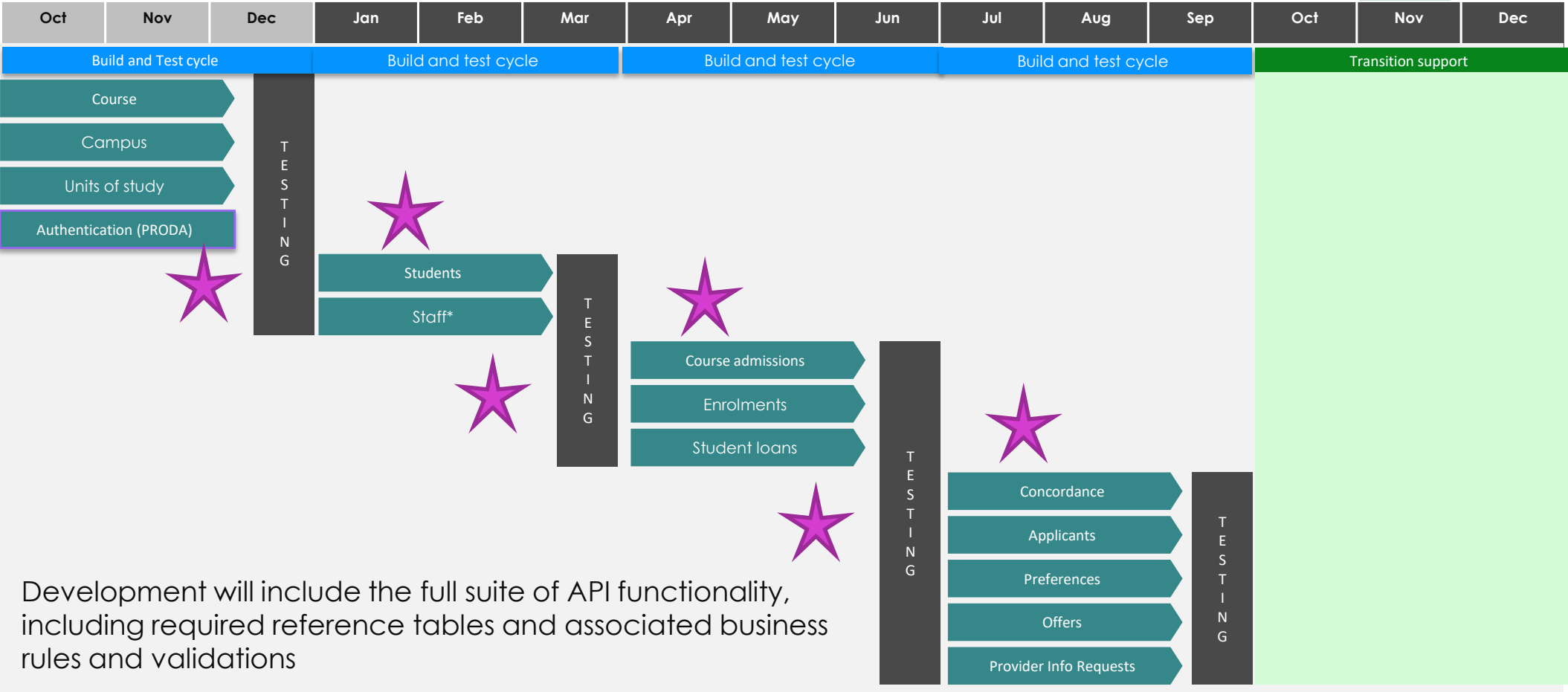
- Schedule and Channel Strategy
- Testing Strategy
- Developer Account Management
- PRODA Authentication

- ▶ Ongoing Technical support will be provided to the Developer community through:

- TCSI Developer Group Community on Govdex
- Regular webinars
- TCSI Developer Support mailbox ([TCSI.Developer.Support@humanservices.gov.au](mailto:TCSI.Developer.Support@humanservices.gov.au))
- Developer Account Management



# 12 Month Development and Integrated Testing Sequence



# PORTAL

- ▶ Portal file upload is the backup for providers that cannot access an API solution

- Takes the full picture for a record (e.g. a student).  
This means:

- you don't need to work out what's changed, just report everything that is current for the record

Note: leaving out a prior reported element will tell our system to remove it

- It is restricted in terms of file size (**5MB**)
- It relies on providers' staff to ensure it is kept consistent with data held in student management systems

Everything about that record needs to be re-reported in the file if you are adding or revising a record

A response file can be downloaded which details any validation responses (fatal and warnings)

## Example:

- You report a Student file creating a student record, leaving gender code blank
- The next week you just want to add a gender code to the student's record
- You need to re-report everything you have submitted for that Student record

# DATA FRAMEWORK, ELEMENTS AND VALIDATIONS FOR 2020



Microsoft Word  
Document



Microsoft Excel  
Worksheet



Microsoft Word  
Document



# Field of Research 2019

- ▶ Two new elements for Fields of research for HDR students (E594, 595)
- ▶ Proposal for collection in 2019:

Provider code	Student Id	Course code	Primary field of research	Secondary field of research

# RETIRED ELEMENTS



## 35 elements have been retired:

- ▶ PR eligibility for HELP assistance (E390)
- ▶ Postal addresses (E405, E406, E407, E409, E466, E467, E468, E568, E728)
- ▶ Part 2 on addresses (E411)
- ▶ Country and suburb name (E471, E486)
- ▶ Total exemption granted (E385)
- ▶ Previous RTP EFTSL & separation status (E460, E465)

# RETIRED ELEMENTS



- ▶ Entry cut-offs, scores and criteria (E497, E498, E523, E524, E537, E552, E729, E711, E555)
- ▶ Areas of study and key words (E580, E581)
- ▶ Credit transfer details (E562, E563, E564, E565)
- ▶ Authorising offer for remissions (E543)
- ▶ Scholarship variation code (E567)
- ▶ Joint degree elements (E578, E579)
- ▶ Course Commencement Date (E328)

# NEW ELEMENTS



## Student support

- ▶ Standard course duration (E596)
- ▶ Course outcome code (E599)
- ▶ UoS Commencement date (E600)
- ▶ UoS Outcome date (E601)
- ▶ UoS Year long indicator (E622)

# NEW ELEMENTS



## Program / administration

- ▶ RTP stipend amount (E623)
- ▶ Commonwealth Scholarship amount (E598)
- ▶ Effective from (E609) and Effective to dates (E610)



# NEW ELEMENTS – VET



- ▶ New delivery location elements:
  - (E625, E660, E678, E630, E477, E627)
- ▶ Course assurance indicator (E619)

# NEW ELEMENTS – SPLIT OUTS



- ▶ Country codes have been separated from postcodes (E658, E661, E644)
- ▶ Months were included with years for reporting period and intake date (E666, E774)
- ▶ Years were alongside prior qualifications in the Applications and Offers (E669 – E676) and Year Left School (E612)

# REPLACED ELEMENTS



- ▶ Disability (E386) with Disability code (E616)
- ▶ Tertiary Entrance score (E369) with ATAR (E632) and Selection rank (E605)
- ▶ Highest participation prior to commencement (E493) replaced with Highest attainment type (E620)
- ▶ Overseas student fee (E500) with CRICOS code (E597)
- ▶ HELP Debt (E414) - calculated by the system
- ▶ Offer year (E556) with Offer date (E705)



# MODIFICATIONS TO EXISTING ELEMENTS



- ▶ Where we already know something about a student (e.g. they're an overseas student) we won't make you report these codes
- ▶ We have removed leading and trailing zeros (except for code values)
  - ▶ (no more counting the width of a value!)
- ▶ Decimals will be reported with a decimal place
- ▶ Elements with a 'true/false' response will be coded with words
- ▶ Removal of codes/values that identify continuing students
- ▶ Dates will have a consistent format YYYY-MM-DD

# Applications and Offers

Current element	Change for direct applications and offers
327 - New basis for admission to current course	Modified to include new values that align with Course Seeker
369 - Tertiary entrance score	Replaced with the new <b>E632 - ATAR</b>
402 - Student surname (now Family)	Increased width to 40 characters to align with ATO field length
403 - Student given name first	
404 - Student given name others	
406 - Postal address – part 1	Removed and aligned with the Student collection: 410 – Residential address street 469 - Residential address suburb 320 - Residential address postcode 470 - Residential address state 658 - Residential address country code
407 - Postal address – part 2	
409 - Postal address – postcode	
466 - Postal Address suburb/town for the student/applicant	
467 - Postal address – state code	
468 - Postal address – country name	
728 - Postal address – country code	
493 - Highest educational participation prior to commencement	Replaced with the new <b>E620 - Highest Attainment</b>

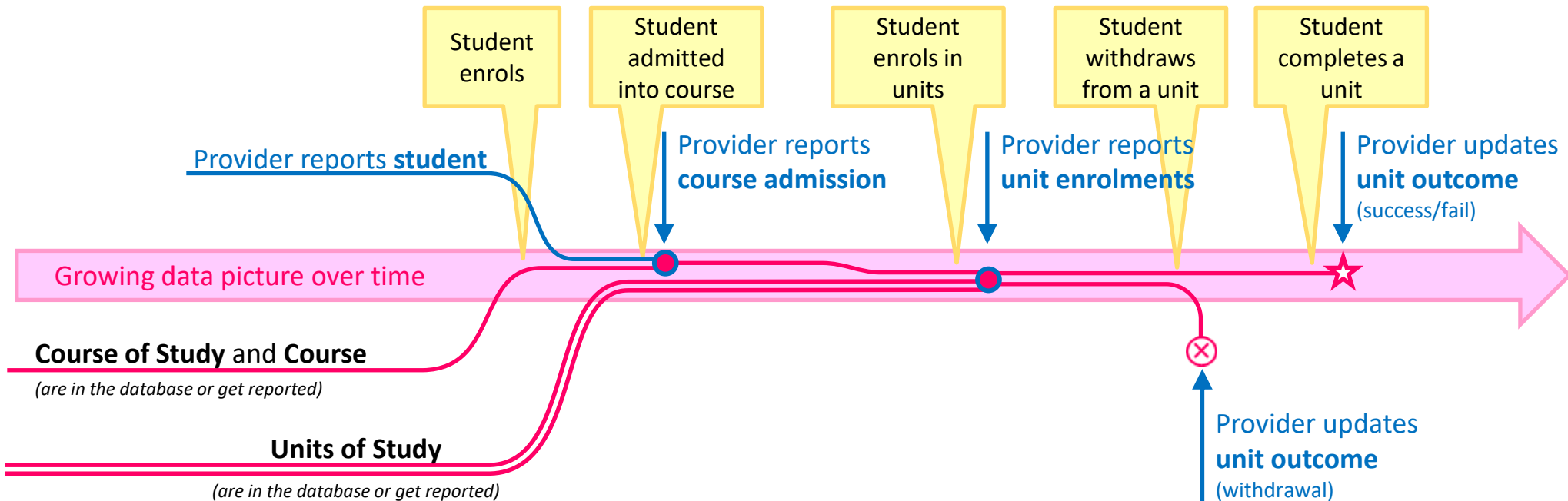
# Tertiary Admission Centres

- ▶ Web services
  - ▶ New values for E327 - Basis of admission
- ▶ Continue to report:
  - ▶ postal address information
  - ▶ names at current lengths
  - ▶ Prior study/attainment information using elements 730 – 737

# Timeframes - when do I report my students?

Single touch reporting is event based: i.e. reporting is triggered when each event occurs in a student's study experience, from their first enrolment with the institution to the final outcome of their course.

Providers may choose to send data automatically as each event occurs, or batch data and submit events daily or weekly.



# REPORTING COURSES/CAMPUSES IN 2020

When TCSI moves to production for the first time in 2020:

- All courses of study/courses and campuses reported in your submissions to date will automatically be migrated to the new system
- These will be considered as 'active' courses and campuses for 2020 and will continue to apply until you choose to provide an 'effective to' date

Note that you may choose not to provide an 'effective to' date for your courses and campuses

- As you add new courses from 2020, report the 'effective from' date as required.

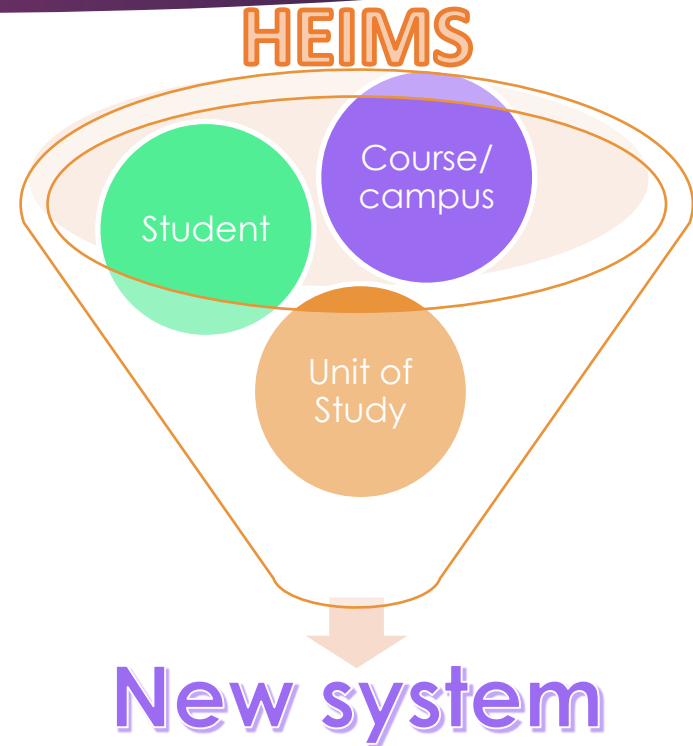
# MIGRATING STUDENT DATA

All student data will automatically be migrated to the new system

For continuing students, you will only need to report their current unit of study/outcome data – there is no need to re-report any of their course enrolment data previously reported to HEIMS

You will be able to revise all active data back to 2005

(Note: retired elements cannot be revised)



# REVISING DATA

## DO I NEED TO USE EFFECTIVE DATES?

- ▶ In most cases data can be corrected simply by replacing the data that has been reported
  - ▶ e.g. a correction to person's date of birth will be overwritten with the revised date of birth.
- ▶ For some elements there is a need to know when a particular characteristic was true. These elements use 'effective dates' to show when this actually changed
  - ▶ e.g. if a person's citizenship changes, the new citizenship must be reported with effective dates, which show when their citizenship changed



# EFFECTIVE TO AND FROM DATES

Elements that must have a continuous value:

- E312 – special interest course
- Course campus fee
- E358 - Citizen/resident

The system will automatically create the 'effective from' date when record is first submitted.

When a new value is entered with an 'effective from' date, it will automatically end date the previous value.

Effective to and from dates can be created as required for:

- Course
- Campus /delivery location
- Courses on campus
- Disability
- RTP scholarship
- HDR end-user engagement
- Unit of study



# REPORTING YEAR/PERIOD

The reporting year/period has been retained to indicate the time period for the following data:

Commonwealth  
scholarships

Staff  
(year only)

Applications and  
Offers  
(year only)

Reporting year is also used to indicate the year for which the RTP stipend amount (E623) in the course enrolment data applies

RTP Stipend

# READINESS SURVEY

More frequent  
communications!

Ongoing technical  
information & support

Very tight  
timeframes!



Microsoft Word  
Document

- ▶ At the Co-design workshop on 3-4 October 31 participants provided their view of change readiness for the implementation of TCSI for 2020.
- ▶ Key issues raised by the Co-design contributors:
  - ▶ Consistent concerns regarding the proposed implementation timeframes
  - ▶ the scope of the change to systems and process, and the need for more detailed information to help determine sector development and implementation times.
  - ▶ increased communication to fill the information gaps, and ongoing technical support to help through the development phase.

# COMMUNICATIONS AND SUPPORT

## Developers



Technical webinars



Govdex Developer Group



FAQs



Account management

## Business and Administration



Monthly newsletters



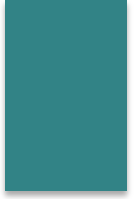
Webinars



FAQs



Roadshow – mid 2019



# CONTACT US

❖ For general project and reporting issues:

HEIMS Data Collections



[HEIMS.datacollections@education.gov.au](mailto:HEIMS.datacollections@education.gov.au)



Telephone: (02) 6240 7487

❖ For developer support and access to Govdex TCSI Developer Group Community



[TCSI.Developer.Support@humanservices.gov.au](mailto:TCSI.Developer.Support@humanservices.gov.au)

If required .....

# DATA VERIFICATION

- ▶ For higher education providers, there will continue to be two data verification periods each year:
  - ▶ First half year for census dates 1 January to 30 June
  - ▶ Full year, for census dates 1 January to 31 December
- ▶ We are planning to release headline data first, with detailed data released the following month.

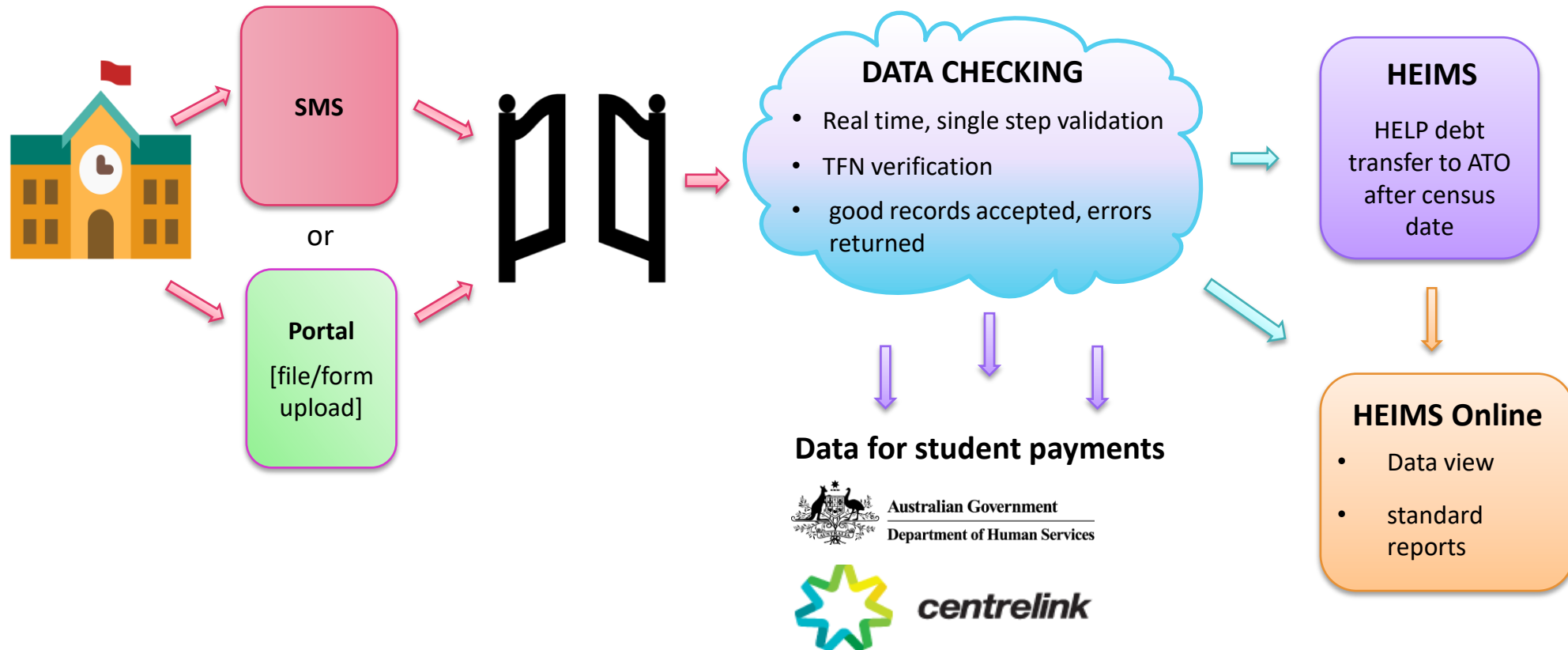
First half year:  
1 January – 30 June

- 15 July – 15 August
- Headline data from end September

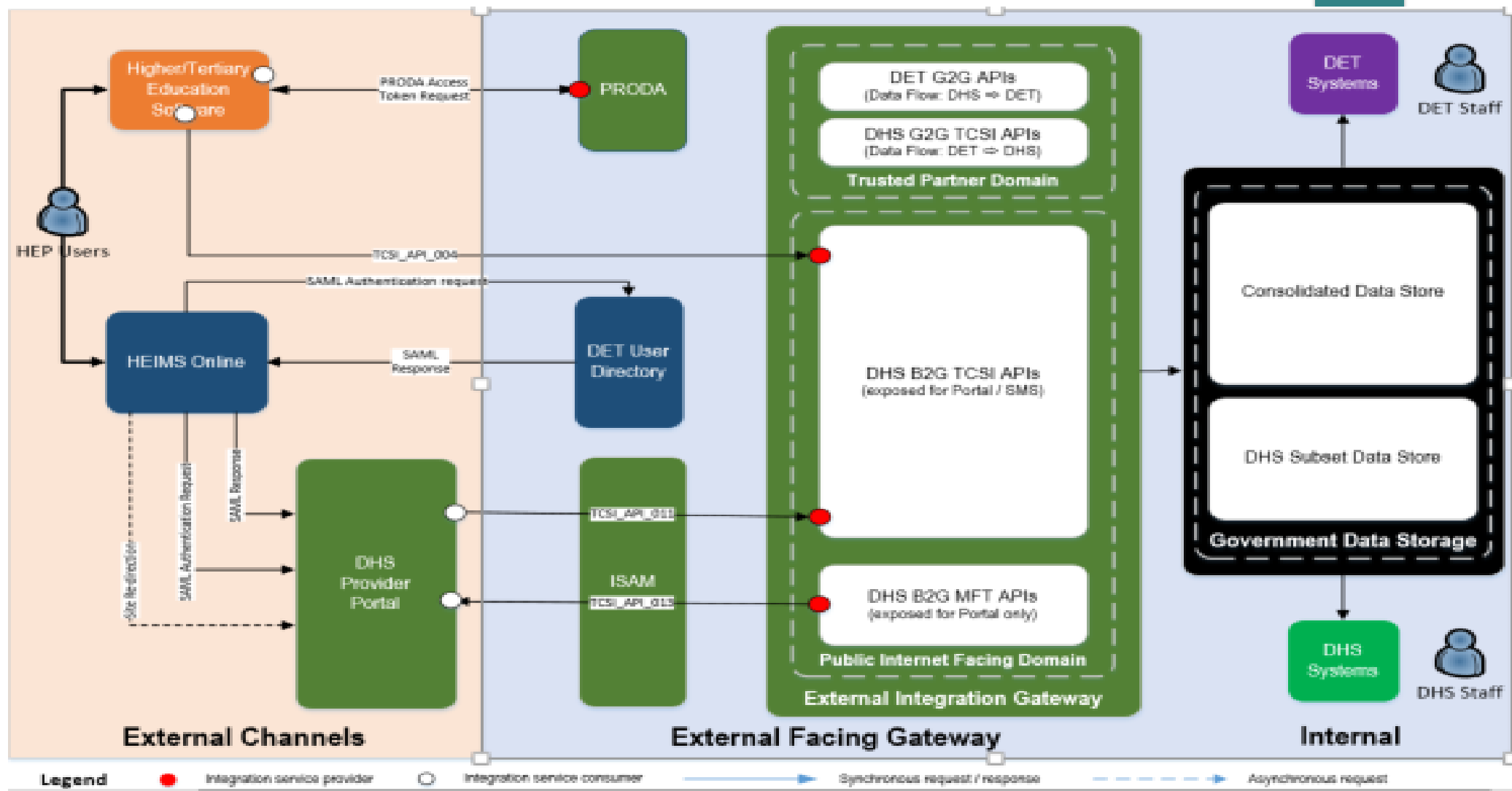
Full year:  
1 January – 31 December

- 1 February – 1 March
- Headline data from end March

# High Level Data Flow







# DATA FRAMEWORK - STUDENT



# PORTAL

Identifiers		Data				Action
Student ID	Course Code	HDR Thesis submission date	RTP Scholarship Type Code	Effective from date	Effective to date	What the Portal does:
E313	E307	E591	E487	E609	E610	
MH668	MATH101	2020-07-07				New record added
PB328	MATH101		10	2020-03-12	2020-12-31	New record added
PB328	MATH101		11	2020-04-12		New record added

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E313	E307	E591	E487	E609	E610	
MH668	MATH101	2020-06-07	<u>09</u>	<u>2020-01-12</u>		E487 added
PB328	MATH101		10	2020- <u>04</u> -12	2020-12-31	E609 revised
PB328	MATH101		11	2020-04-12		No action

# PORTAL

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Student ID	Course Code	HDR Thesis submission date	RTP Scholarship Type Code	Effective from date	Effective to date
<b>E313</b>	<b>E307</b>	<b>E591</b>	<b>E487</b>	<b>E609</b>	<b>E610</b>
MH668	MATH101	2020-06-07	09	2020-01-12	
PB328	MATH101		10	2020-04-12	2020-12-31