

CAPITA



*Document Purpose*

oneeducation

# One Analytics Release Notes

July 2018



## Revision History

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## Document Purpose

These release notes are provided to users to detail the enhancements and resolutions included with the One Analytics July 2018 release. Each release contains all fixes and enhancements issued since the previous release. Instructions for downloading the latest release installation media are also included.

Should you have any questions about the implementation, testing, or user impacts of the changes listed in this document, please contact:

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# Upgrading the Software

## Compatibility with Capita One

The One Analytics July 2018 release is designed to be compatible with the following versions of the Capita One system:

■ 3.64

■ 3.65

If you are running an older version of Capita One we recommend that you upgrade to at least the 3.64 release prior to installing this update.

## Compatibility with Tableau

The One Analytics July 2018 release is designed to be compatible with Tableau 10.5.

If you have not upgraded the Tableau components of One Analytics to Tableau 10.5 (included as part of the March 2018 release), you must do so as part of this upgrade. The Tableau 10.5 download link and password are available from the One Analytics July 2018 My Account posting:

<https://myaccount.capita-cs.co.uk/Notifications/one-education-one-analytics-march-2018-release/>

## Software Distribution

The One Analytics July 2018 release is available as a download only. Links to the self-extracting installation files are included below. One Co-ordinators will be emailed with the password to enable them to unzip the installation media.

The installation files for the One Analytics July 2018 release is available via the following link:

<http://dl.capitasolus.co.uk/onedownloads/OA-2018-Jul.exe>

# Changes in the New Release

## Updated Data Sources

The following data source has been updated in this release:

- Estart

**Note:** The changes made to the data source is to ensure information is maintained where a Person, Student or Estart Member has been deleted from One Education or Estart, no additional content has been added in this release.

## Resolved and Known Issues

### Resolved Issues

#### Estart – Ensure data persists and is unchanged where records are deleted

Verifying the Estart model further post April release it was found that it was possible for some information to be deleted from the Data Warehouse if records had been deleted from source (Estart).

As a result, the following areas were remodelled to ensure data persists within the Estart model where information has been changed and or deleted.

1. Family
2. Member
3. Event Type and Event details
4. Event Provider, Aims and Targets
5. Children Centre
6. Postcode information

#### Estart – Provider, Aim and Target records duplicated where description values are updated

Where Event Type manage drop down information is updated, specifically Provider, Event Aim or Event Target. If the description value was updated this caused the value to be duplicated in the Data Warehouse, this resulted in duplicated information in the Fact Event table which would inflate information when analysed.

The logic which populates the dimension noted below has been reviewed to ensure information is managed appropriately and not duplicated.

- 'EventTypeAim'
- 'EventTypeProvider'
- 'EventTypeTarget'

#### Core – 'StudentAddressHistory' dimension updated to ensure only student history records exist

Investigating the previously resolved GIS issues it was found that dimension 'StudentAddressHistory' had not been modelled such that it only contained student related history records.

The logic to populate the dimension has been updated to ensure that contextually only student related history records exist.

The change will not have a negative impact on any models but will ensure that data is not unnecessarily replicated and should improve performance of transformation logic which references the address information.

## Obsolete combined case management data warehouse objects removed

In the September and October 2017 release the Combined Case Management model was separated into more defined models, this was to increase usability but also increase the performance of the models.

Following this the combined case management data source was made obsolete in December but the data warehouse objects had not been removed, the Fact object has been removed in the July release to ensure all object are managed by active ETL Jobs.

## PRB18492 – CSS \ SEN – Involvement ‘Total No. Days Open’ value not being updated in daily ETL Job

Within the Involvement dimension there is field ‘Total No. Days Open’ which is populated with the calculated number of days between the ‘Open Date’ and ‘Close Date’ of the involvement. If the ‘Close Date’ is blank then the system date of when ETL was processed is used, the issue is, the field value is not updated after the initial population and hence it will be incorrect where there is no involvement ‘Close Date value’

The business logic has been reviewed and the ‘Total No. Days Open’ value will be updated appropriately when the daily ETL job is processed.

## Known Issues

### Address not anonymised where a Student has been deleted from One Education but not through the Archive & Delete routine

**NOTE:** The issue noted below was targeted to be resolved in the July release but due to the Estart model requiring a number of changes, the defect is targeted for the August 2018 release.

Within One Education and the v4 Rich Client or V4 Online a student record can be deleted, and as a result the student attribute information would be removed from the system. However, a Person record would remain within One Education, unless the record was deleted through the Archive & Delete process where the whole record is deleted from the system.

The models below can have references to a Person or Student, and as a result the Address information is currently referenced from the PersonAddressHistory dimension only. This is incorrect where the subject is a Student, as dimension ‘StudentAddressHistory’ should be referenced.

When a student is deleted, the address information in dimension ‘StudentAddressHistory’ is anonymised to ensure the exact detail of the address are no longer known. However as detailed above the noted models do not currently reference this dimension where the subject is a student.

- Activity & Comms Log
- CSS Involvement & Comms Log
- Provision & Comms Log
- SEN, Provision & Comms Log

This could result in the full address being displayed in a visualisation should it be granular enough. The seriousness and sensitivity of this issue is fully understood with regards to GDPR, and so the plan is to resolve it in the August 2018 release.

## **CSS \ SEN – Potential for there to be multiple Caseworkers flagged as the ‘Lead’ caseworker**

It has been found that in the scenario noted below multiple ‘Lead’ Caseworkers could be associated to Involvements where this should not be the case.

An involvement is created and a ‘Lead’ Caseworker is assigned, this happens on the Monday, in the evening the ‘ALL ETLs’ job is scheduled and the involvement information is imported to the One Analytics Data Warehouse.

On Tuesday, it is established the wrong person has been associated with the involvement records as the ‘Lead’ caseworker. The record is deleted, and the correct caseworker added, again in the evening the ‘All ETLs’ processes and imports the information to the Data Warehouse.

As information is not deleted from the Data Warehouse to persist data for further analysis the incorrect lead caseworker record is not removed, nor is the ‘Lead Caseworker’ set as false (there can only be one lead caseworker assigned to an involvement), and so there are now two leads associated with the Involvement record.

Problem PRB1841 has been raised for the issue identified and is currently under investigation, the plan is to resolve the business logic such that if the scenario above occurs the latest record imported would have the Lead case worker flag set.

To resolve existing data SQL scripts will be developed to ensure there is a single lead caseworker against existing records affected and will behave as described above.