**One Housing Core Data**

**Interfaces**

**Technical Specification**

## Document History

|  |  |
| --- | --- |
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**Overview**

This document describes the technical specification for the core data interfaces between One Housing (Universal Housing and Integrator) and One Housing’s Oneserve.

All files will be XML format.

Files will be transferred over Secure FTP provided by Oneserve.

Frequencies described in this document are suggested and may be changed as required.

Any errors that occur on files coming into Oneserve will be logged and emailed to One Housing staff to remedy.

## List of Interfaces

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **#** | **Interface** | **Source** | **Target** | **File Format** | **Method** |
| OH-CORE-01 | Property Import | Universal Housing | Oneserve | XML | SFTP |
| OH-CORE-02 | Tenant Import | Universal Housing | Oneserve | XML | SFTP |
| OH-CORE-03 | Asbestos Import | Integrator | Oneserve | XML | SFTP |

## SFTP Details

To be confirmed

Host :

Port :

Username :

Password :

## Interface OH-CORE-01: Property Import

This interface imports Property data from Universal Housing to Oneserve.

|  |  |
| --- | --- |
| **Source System** | Universal Housing |
| **Target System** | Oneserve |
| **Transfer Mechanism** | SFTP |
| **Frequency** | Nightly (Time to be decided) |
| **File Name** | Property\_[ddMMyyyy].xml |
| **Input Folder** | <root of sftp> |
| **Data Type** | Property Data |
| **Action** | * New Properties Added * Existing Properties Updated * Non Existent Properties in file Archived in Oneserve |

### File Format

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Mandatory | Data Type | Notes/Comments |
| Site\_Reference | Y | Text (50) | UPRN |
| Site\_Name | Y | Text (255) | Free Text Field |
| Site\_Add1 | Y | Text (255) | Free Text Field |
| Site\_Add2 | Y | Text (255) | Free Text Field |
| Site\_Add3 | N | Text (255) | Free Text Field |
| Site\_Add4 | N | Text (255) | Free Text Field |
| Site\_PostCode | Y | Text (50) | Free Text Field |
| Site\_Group | Y | Text (100) | An option provided from a pre-defined list that can be determined by yourselves. (See examples and table below) |
| Site\_Region | N | Text (50) | An option provided from a pre-defined list that can be determined by yourselves. (See examples and table below) |
| Site\_Type | Y | Text (200) | An option provided from a pre-defined list that can be determined by yourselves. (See examples and table below) |
| Site\_Area | N | Text (50) | Free Text Field |
| Site\_Description | N | Text (2000) | Free Text Field |
| Site\_Code | N | Text (20) | Free Text Field |
| Site\_Status | N | Integer | Currently we have 4 default statuses set up which are :   1. Decommissioned 2. Live 3. Under Construction 4. Void |
| Site\_Usage\_Type | Y | Text (50) | An option provided from a pre-defined list that can be determined by yourselves. (See examples and table below) |
| Site\_Parent\_Reference | N | Text (50) | UPRN of Parent Site (Major Reference) |
| Client | Y | Text (80) | At the moment this will be hard coded to ‘One Housing Group’ |
| **Custom Attributes Section** |  |  |  |
| Property Age | N | Integer |  |
| Fuel Type | N | Text (1000) |  |
| Repair Responsibility | N | Text (1000) |  |

### Pre-defined Lists for Grouping

All four of the below tables are for the pre-defined lists used in the site, all the data in them is an example of what can be used in the property import - these need to be defined by the client.

**Site Groups**

|  |
| --- |
| Site Group Name – Text (100) |
| Camden |
| Enfield |
| Islington Council |
| Slough |

Site Regions

|  |
| --- |
| Site Region Name – Text (50) |
| North London |
| East London |
| South London |
| West London |

Site Types

|  |
| --- |
| Site Type Name – Text (200) |
| Semi/Detached House |
| Block |
| Bungalow |
| Communal Area |
| Flat |

Site Usage Types

|  |
| --- |
| Site Usage Type Name – Text (50) |
| Leasehold |
| Shared Ownership |
| Right to Buy |

### Sample XML File Format

<root>

<sites>

<site>

<siteRef>UPRN1234</siteRef>

<siteName>Unit 4</siteName>

<siteAdd1>Silverdown Office Park</siteAdd1>

<siteAdd2>Clyst Honiton</siteAdd2>

<siteAdd3>Exeter</siteAdd3>

<siteAdd4>Devon</siteAdd4>

<sitePostCode>EX5 2UX</sitePostCode>

<siteGroup>Exeter</siteGroup>

<siteRegion>East Devon</siteRegion>

<siteType>Office</siteType>

<siteArea>Exeter Airport</siteArea>

<siteDescription>Oneserve Head Office</siteDescription>

<siteCode>1234</siteCode>

<siteStatus>2</siteStatus>

<siteUsageType>Shared Ownership</siteUsageType>

<siteParentReference></siteParentReference>

<client>Oneserve</client>

<attributes>

<propertyAge>4</propertyAge>

<fuelType>Electric</fuelType>

<repairResponsibility>No</repairResponsibility>

</attributes>

</site>

</sites>

</root>

## Interface OH-CORE-02: Tenant Import

This interface imports Tenant data from Universal Housing to Oneserve.

|  |  |
| --- | --- |
| **Source System** | Universal Housing |
| **Target System** | Oneserve |
| **Transfer Mechanism** | SFTP |
| **Frequency** | Nightly (Time to be decided but should run post Property Import) |
| **File Name** | Tenant\_[ddMMyyyy].xml |
| **Input Folder** | <root of sftp> |
| **Data Type** | Tenant Data |
| **Action** | * New Tenants Added * Existing Tenants Updated * Non Existent Tenants removed from Properties and Archived in Oneserve * All Tenants Linked to appropriate Properties |

### File Format

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Mandatory | Data Type | Notes/Comments |
| Site\_Reference | Y | Text (50) | UPRN |
| Contact\_Reference | Y | Text (50) | Unique Contact Identifier |
| Contact\_Salutation | Y | Text (50) | Free Text Field |
| Contact\_Forename | Y | Text (80) | Free Text Field |
| Contact\_Surname | Y | Text (80) | Free Text Field |
| Contact\_1 | N | Text (80) | Free Text Field |
| Contact\_1\_Type | N | Integer | Currently we have 10 contact types set up to choose from which are :   1. Home Phone 2. Work Phone 3. Daytime Phone 4. Evening Phone 5. Mobile Phone 6. Email 7. Fax 8. Direct Line 9. Extension 10. SMS Text |
| Contact\_2 | N | Text (80) | Free Text Field |
| Contact\_2\_Type | N | Integer | Same list of options as Contact\_1\_Type |
| Contact\_3 | Y | Text (80) | Free Text Field |
| Contact\_3\_Type | N | Integer | Same list of options as Contact\_1\_Type |
| Contact\_4 | N | Text (80) | Free Text Field |
| Contact\_4\_Type | N | Integer | Same list of options as Contact\_1\_Type |
| Preferred\_Contact | N | Integer | Preferred method of contacting the Tenant, Contact 1-4 from above |
| Contact\_Considerations | N | Text (1000) | Any alerts or information you wish to pass to the operative e.g. Tenant Hard of Hearing or Tenant Aggressive |
| Contact\_Notes | N | Text (2000) | Free Text Field |

### Sample XML File Format

<root>

<contacts>

<contact>

<siteRef>UPRN1234</siteRef>

<contactRef>87346251</contactRef>

<contactSalutation>Mr</contactSalutation>

<contactForename>Mark</contactForename>

<contactSurname>Perryman</contactSurname>

<contact1>01234 567890</contact1>

<contact1Type>1</contact1Type>

<contact2>mark@test.com</contact2>

<contact2Type>6</contact2Type>

<contact3>07771 876112</contact3>

<contact3Type>5</contact3Type>

<contact4></contact4>

<contact4Type></contact4Type>

<preferredContact>3</preferredContact>

<contactConsiderations>Tenant hard of hearing</contactConsiderations>

<contactNotes>Any additional information if required here</contactNotes>

</contact>

</contacts>

</root>

### Technical Notes

* If a tenant is linked to more than one property the record will need to be duplicated with the differing site reference – the interface will recognise the duplicate tenant and create links to both (or more) properties.

## Interface OH-CORE-03: Asbestos Import

This interface imports Asbestos data from Integrator to Oneserve.

|  |  |
| --- | --- |
| **Source System** | Integrator |
| **Target System** | Oneserve |
| **Transfer Mechanism** | SFTP |
| **Frequency** | Nightly (Time to be decided but should run post Property Import) |
| **File Name** | Asbestos\_[ddMMyyyy].xml |
| **Input Folder** | <root of sftp> |
| **Data Type** | Asbestos Data |
| **Action** | * Updates all properties with supplied Asbestos data |

### File Format

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Mandatory | Data Type | Notes/Comments |
| Site\_Reference | Y | Text (50) | UPRN |
| **Asbestos Data Section** |  |  |  |
| Floor | Y | Text (50) | Free Text Field |
| Room | Y | Text (50) | Free Text Field |
| Article | Y | Text (50) | Free Text Field |

### Sample XML File Format

<root>

<asbestosLines>

<asbestosLine>

<siteReference>UPRN1234</siteReference>

<asbestosData>

<asbestos>

<floor>All</floor>

<room>System</room>

<article>Warm Air Ducts</article>

</asbestos>

<asbestos>

<floor>Exterior</floor>

<room>Other</room>

<article>Tile undercloak</article>

</asbestos>

</asbestosData>

</asbestosLine>

</asbestosLines>

</root>

### Technical Notes

* The above file format is an example of a previous asbestos register implementation with another system, this is likely to change to something more suitable to match the data that Integrator holds.