An Application Programming Interface (API) for organisation data has been developed to give data consumers direct access to Health and Social Care Organisation Reference Data.

The ODS API Suite

- Provides users with a simplified mechanism for updating organisation records
- Allows users to connect and retrieve updates at their convenience
- Gives users the choice as to whether to store the data locally or access it on demand
- Allows users to baseline the data using the XML products and connect to the service to retrieve updates via the ‘LastChangeDate’ mechanism

Current XML products will continue to be released monthly via TRUD. The ODS API Suite will be available from 1 May 2018 and will provide access to more frequent updates (weekly / daily) of organisation reference data.

The ODS API Suite includes two interfaces. The data returned by each interface is sourced from the same database which is populated from the XML HSCOrgRefData. The data returned by the different interfaces differs as shown below:

Interface 1: ODS ORD API (Organisation Reference Data – Information Standard)

- An interface aligned to the 0090 Organisation Reference Data standard.
- Allows consumers to synchronise changes into a local data store.
- Allows users to baseline organisation reference data from the XML products and then connect to the API to retrieve updates on a frequency they can define.

Interface 2: ODS Lookup API (FHIR)

- Allows Organisation Reference Data to be used directly by FHIR APIs.
- This interface is based on the HL7 FHIR standard and will support transactional use cases, generally associated with clinical messaging.
- Note that the data returned via this interface conforms to FHIR and does not conform with the ORD information standard.

Further information can also be found within the XML Products Guide which is available via:-
- [https://isd.digital.nhs.uk/trud3/user/guest/group/0/pack/5](https://isd.digital.nhs.uk/trud3/user/guest/group/0/pack/5)