Readings API

Managing keys

The reporting API is available under the stats area of the admin account.

Here you can create a new key

Each API key will uniquely identify an organisation, there will only be one key per organisation.

* API keys will be in the form of an alpha numeric GUID.
* All actions will be logged and recorded in the audit history.
* All use of the API key will be logged and recorded in the audit history.
* Calls to the API to be appropriately throttled and monitored.

Accessing data

A request for data will be made to:

<https://www.florence.uk.net/readings>

The API key is sent as a HTTP header called (API\_KEY) and an optional start and end date for the date range specified in GET parameters;

|  |  |  |  |
| --- | --- | --- | --- |
| startDate | Optional | If not specified will default to yesterday | Date in YYYYMMDD format e.g. 20170301 |
| endDate | Optional | If not specified will default to returning 1 days of readings from startDate. Maximum is 7 days of readings from startDate. | Date in YYYYMMDD format e.g. 20170309 |

The JSON response will be an array of objects, allowing possible future changes to the fields.

Objects can contain the following;

|  |  |  |
| --- | --- | --- |
| Id | String | A unique identifier of this record in alpha numeric format. |
| dateCreated | String | Date and time reading was received in ISO 8061 format etc 2017-03-28T13:55:01Z |
| patientId | String | The Florence database patient identifier in alpha numeric format. |
| clinicianId | String | The Florence database clinician identifier in alpha numeric format. |
| profileId | String | The Florence database patient profile identifier in alpha numeric format. |
| templateId | String | The Florence database template identifier in alpha numeric format. |
| serviceName | String | The name of the reading service, e.g. Alcohol Q |
| protocolId | String | The Florence database protocol identifier in alpha numeric format. |
| protocolName | String | The name of the protocol associated with the template / profile |
| groupId | String | The Florence database clinician group identifier in alpha numeric format. |
| groupName | String | The name of the clinician group  containing this protocol |
| firstRead | Number | The value of the reading.  If this is a two part reading it is just the first part of it. |
| secondRead | Number | The value of the second part of the reading, only populated if a two part reading otherwise null. |
| Breach | String | The breach status of the reading.  Currently limited to null (i.e. no breach), CRITICAL, FirstHigh, FirstLow, GAIN, LOSS, Repeating, SecondHigh, SecondLow. |

Example response

 [{"id":"F123000","dateCreated":"2017-03-01T01:20:56","patientId":"AP123","clinicianId":"C12345","profileId":"F321139","templateId":"TT99345","Blood Oxygen","protocolId":"F44668","protocolName":"Demo Blood Oxygen Daily Monitoring","groupId":"GR2348","groupName":"Demonstration Practice","firstRead":94.3,"secondRead":null,"breach":null}, {"id":"F123006","dateCreated":"2017-03-01T02:50:23","patientId":"AP556","clinicianId":"C12330","profileId":"F327394","templateId":"TT12754","Blood Pressure","protocolId":"F47296","protocolName":"Demo BP Daily Reading","groupId":"GR2348","groupName":"Demonstration Practice","firstRead":140,"secondRead":79,"breach":"FirstHigh"}]