



Connection Low Level Process Document

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Document Overview

Amendment Record

Revision No.	Changes	Author	Date
1.0	Final version: <ul style="list-style-type: none">New section in overall process document detailing connections	Product Management	August 2020

7 Connection

7.1 Connection Overview

A Connection provides the Service Provider with the ability to query and request inventory for connections at a given premises. A Connection is only supported when an actual order is possible. Prior to this, inventory requests will not be available.

In the event of either the Multiple Premises or Previous Installation flags being returned as 'true' in the Eligibility request, it is recommended the queryConnection is executed to confirm the status of inventory at the premises.

There are 4 possible Connection states:

- **Active** - The count of all active connections at the Building/Unit combination. Note: The Active Connection details are only returned for the owning Service Provider.
- **Available** – The details for each available connection within the Service Location & Unit.
- **Reserved** – currently has an in-progress order. Details only returned for owning Service Provider
- **Allocated** – Inventory has been made available, but no previous installation

These are fully detailed in section 7.3 of this document.

Several custom errors will be supported, including:

- Premises not in Ready for Service state
- Premises not in the Intervention Area

Option to request an ONT validation to be performed on all available lines, as part of the query Connection request.

7.2 Connection Input Parameters

Connection requests contain a number of parameters, which are detailed below:

- Location (i.e. Eircode / Location Code)
The Eircode or location code of the building where the inventory check is requested. Either the Eircode or location code is mandatory and must be provided.
- Address ID
In a building with a shared Eircode, the identifier of the address for the inventory check.
- ONT Test
For any connections that are in an "Available" status, request an ONT test to be performed.

7.3 Connection Results

Connections have 4 possible states, which contain information pertaining to the connection at the premise. Note that Active & Reserved details are only available to the owning Service Provider.

For each of the 4 states, additional detail is returned which is detailed below:

