

# Transport for London

## Revenue Collection Services

# Schedule 7.3 – System Interfaces

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# 1 Introduction

## 1.1 Scope & Purpose

- 1.1.1 TTL requires clearly defined Interfaces to be maintained for the IRC System to enable:
- (a) continued good performance of the IRC System with effective and efficient resolution of any Interface related Incidents and/or Faults in accordance with the Service Levels;
  - (b) the IRC System to not adversely impact Interfacing Systems; and
  - (c) effective and efficient management of Technical Changes, compliance with Interface Specifications and contracts associated with the Interfaces.
- 1.1.2 This Schedule 7.3 (System Interfaces) sets out the requirements for the Interface Register and the Interface Specification Catalogue.
- 1.1.3 A diagrammatic representation of the main Interfaces between the Modules comprising the System is set out in the System Data Flow diagram which is set out in paragraph 5 of Schedule 9.1 (Technical Authority).
- 1.1.4 The Contractor is responsible for managing all Interfaces pursuant to Schedule 7.2 (System Integrator).

## 2 Interfaces

2.1.1 This paragraph 2 defines requirements for the Contractor to update and maintain:

- (a) the Interface Register; and
- (b) the Interface Specification Catalogue.

### 2.2 Interface Register

2.2.1 The Contractor shall update and maintain the Interface Register in accordance with paragraphs 3.3.1 and 5 of Schedule 9.1 (Technical Authority).

2.2.2 The Interface Register shall (as a minimum) set out for all Interfaces the:

- (a) **interface reference** that defines the unique reference number for the Interface message;
- (b) **interface** that defines the name of the Interface;
- (c) **message** that defines the name of the Interface message;
- (d) **category** that defines whether the Interface is an Internal Interface, or External Interface;
- (e) **Interface Specification reference** that provides the unique reference of the associated Interface Specification document;
- (f) **latest version** which specifies the current version number of the Interface message;
- (g) **TTL owner** which specifies the owner of the Interface within TTL;
- (h) **Contractor owner** which specifies the owner of the Interface within the Contractor's organisation;
- (i) **source domain** which specifies the Domain that the source of the Interface belongs to;
- (j) **source module group** which specifies the Module Group that the source of the Interface belongs to;
- (k) **source module** which specifies which Module is the source of the Interface;
- (l) **destination domain** which specifies the Domain that the destination of the Interface belongs to;
- (m) **destination module group** which specifies the Module Group that the destination of the Interface belongs to; and
- (n) **destination module** which specifies which Module is the destination of the Interface.

- 2.2.3 The Contractor shall not add or remove an External Interface from the Interface Register other than where required by a Variation.
- 2.2.4 Where the Interface Register provided by the Contractor at the Service Commencement Date contained the information set out below in respect of an Interface and/or where a new Interface is introduced or an Existing Interface is modified the Contractor shall ensure that the Interface Register shall (as a minimum) set out for all such Interfaces the:
- (a) **purpose** that summarises the purpose of the Interface message;
  - (b) **type** that defines whether the type of Interface message is a:
    - (i) file transfer;
    - (ii) message queue;
    - (iii) http/s redirect;
    - (iv) web service;
    - (v) service Interface; or
    - (vi) any other type of Interface defined;
  - (c) **volumes** that sets out the expected volumes of the Interface messages;
  - (d) **source component** which specifies which Component is the source of the Interface;
  - (e) **destination component** which specifies which Component is the destination of the Interface; and
  - (f) **contracts** which specifies the contracts associated with Interfaces.

## 2.3 Interface Specification Catalogue

- 2.3.1 The Contractor shall update and maintain the Interface Specifications and the Interface Specification Catalogue (in accordance with paragraphs 3.3.1 and 5 of Schedule 9.1 (Technical Authority)).
- 2.3.2 The Interface Specification Catalogue shall (as a minimum) set out for all Interface Specifications the:
- (a) **Interface Specification reference** that defines a unique reference number for the Interface Specification;
  - (b) **specification name** that defines the name of the Interface Specification; and
  - (c) **document revision** that defines the current revision number of the Interface Specification document.

2.3.3 The Contractor shall not modify any Interface Specification other than where required by a Variation.