

# **BUS SERVICES DPS COTC Schedule 1 (General Specification)**

## **APPENDIX 1**

### **PART 2 – RTPI/AVL GUIDELINES**

#### What is RTPI

The primary function of the Real Time Passenger Information (RTPI) system is to display when your bus is due to arrive at your bus stop, allowing you to plan your journey more accurately. To minimise delays on your bus journey, the RTPI system can also provide Traffic Light Priority (TLP) to late running buses (note: proposed to be only provided at junctions that have been upgraded to deliver TLP along key bus corridors).

#### How does the RTPI system work?

Live AVL bus movements are provided by the bus Electronic Ticket Machine to the RTPI server which uses this data to provide real time bus predictions on displays at bus stops or the RTPI system provides a countdown of live predictions of when the bus is expected to arrive. It is shown in the format of “XX mins” and provides a countdown displaying “DUE” when the bus is arriving at the stop, allowing you to plan your journey with confidence.

#### Next step

Where specified within a Contract for Service Instruction an RTPI/AVL system is required then full system requirements will be included and/or this Part 2 of Appendix 1 updated accordingly.