



# UTMC Technical Specification change notes

10 December 2009

Reference: UTMCD027-1.0

Cover + 7 pages

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# 1 About this note

## 1.1 This document

1.1.1 On 10 December 2009, due process of revision and consultation having been followed, a revised version of the UTMC Technical Specification was issued. The new version is to be published as TS003.003:2009 and TS004.005:2009. This document outlines the changes made in the revision.

1.1.2 This document has been produced under the Urban Traffic Management and Control (UTMC) initiative, on behalf and with the support of the UTMC Development Group (UDG) and the Department for Transport (DfT).

## 1.2 Overview

1.2.1 TS003 is a single document which consists of a normative main text, with some informative annexes.

1.2.2 In the revision from TS003.002:2008 to TS003.003:2009, the only significant change has been to remove the majority of the informative annexes, which are now published separately as Technical Reports TR001-TR006. Other TRs have also been added, in support of recent development activity.

1.2.3 The Technical Reports are a new element of the UTMC technical documentation set. They are not normative but may assist users to interpret and deploy UTMC compliant systems.

1.2.4 TS004 currently consists of two linked documents:

- Main text
- Annex D, registered Data Objects

1.2.5 In the revision from TS004.004 to TS004.005, there have been two major changes:

- the addition of objects related to ANPR, in spreadsheet form (“Annex D.2”);
- the addition of a new, normative, XML schema in the form of a zipped file containing a series of XSDs and related documents (“Annex G”).

1.2.6 There have been some relatively minor changes to the UML data object model, now referred to as Annex D.1.

1.2.7 Changes are described in Section 2. The reference numbers refer to historical versions of the Issues List.

## 1.3 Procedure

1.3.1 The UTMC initiative welcomes comments for corrections, amendments and updates to the UTMC Specification.

- 1.3.2 An issues list is maintained. This, together with the current and historic versions of the Specification and any proposed update in consultation, will be available via the UTMC website.

#### **1.4 Contact**

- 1.4.1 The point of contact for matters relating to this revision of the UTMC Technical Specification and is:

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## 2 Change notes

Ref	Summary of issue	Raised by	Date	Current status
1-8	Various	Various	Various	Implemented in TS004.002
10-11	Various	Various	Various	Implemented in TS004.003
9, 18-22	Various	Various	Various	Implemented in TS003.002 and TS004.004
16-17	Various	Various	Various	Specific comments resolved. General comments on DATEX II alignment, service oriented architecture etc noted.
12	Proposed objects for public transport information inclusion	Interglossa	16 Oct 06	These are framework objects – now taken into account within the XML framework
13	Require a traffic counter MIB	Atkins	27 Jun 07	Draft MIB submitted - under discussion within S&SG
14	Require an ANPR MIB	Halcrow	28 Sep 07	No action – overtaken by ANPR XML
15	Require a rising bollard MIB	Manchester CC	-	No submission - action dropped
23	Various changes to TS004	Tenet (Envitia)	8 Oct 08	Issues under discussion within S&SG
24	Erroneous comma in UTC MIB	Sice	9 Feb 09	Implemented in TS004.005
25	Omission of Command responses from UML	Envitia	28 Apr 09	Implemented in TS004.005
26	VMS MIB references TruthTable – should read TruthValue	Tom Rothamel	28 Apr 09	Implemented in TS004.005
27	Various changes to TS004	Mott Macdonald	May 09	TS004:005 includes more descriptions, more specified data types, and some typo corrections
28	Separate out guidance annexes in TS003	Secretariat	Jul 09	TS003.003 removes these – annexes republished as TR001-TR006
29	Clarify position on data compression to align with DATEX/SIRI	Secretariat	Jul 09	Added into TS003.003

Ref	Summary of issue	Raised by	Date	Current status
30	Add in output from ANPR Working Group	Halcrow/CA	Jul 09	Data object spreadsheet added into TS004.005  Some minor additions to CCTV object in UML model; additional classes under consideration  Guidance document TR007 published
31	Add in output from XML Working Group	Envitia/Kizoom	Jul 09	Added into TS004.005; outline guidance document TR008 published  XML file made available separately (non-definitive)
32	Make car park states coherent between MIBs and data model	Envitia	3 Aug 09	State value list extended in TS004.005

## **A Specific proposals**

### **A.1 Issue item 23**

#### Proposed changes

Declare ConfigurationDate as part of Object\_Configuration primary key

Make the link between Day\_TypeID and Date\_TypeID one-to-many (and adjust keys appropriately)

Extend Object\_Definition ShortDescription to 64 characters (from 32)

FaultType should have a primary key on both FaultType and Datasource\_TypeID attributes

Rename Route\_Profile and Route\_Prediction as TR\_Profile and TR\_Prediction, for consistency with other naming. Ideally, represent profiles/predictions from SCOOT and ANPR separately.

### **A.2 Issue item 29**

#### Proposed changes to UML model

Include a new class CCTV\_Lane\_Configuration, with specified attributes

Include a new class CCTV\_Broadcast, with specified attributes

Include a new class CCTV\_ANPR\_VRN\_Dynamic, with specified attributes

Include a new enumerated class CCTV\_Visual\_TypeID, with specified enumerated values

Include a new enumerated class Direction\_ID, with specified enumerated values

### **A.3 Issue item 31**

#### Proposed changes

Currently the values allowed for car park status in the MIB and the UML data model are inconsistent. This should be rectified so that MIB-sourced data can be used to populate a CDB.