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Approved BICPAAIAD [Lulseged Zerfu]	Checked	Date 2016-09-09	Rev D	Reference

MTAS Common Types Structure

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## 1 General Information

### 1.1 Revision history

REVISION	RELEASE DATE	REVISED BY	REASON FOR REVISION
B	2013-09-03	EVIBSAL	Updated schema with alert-info-type for Distinctive Ring Feature.
C	2014-03-07	ERTLIM	Summary of updates: <ul style="list-style-type: none"><li>Updated schema with Nuisance Call trace at originating mode</li><li>Corrected heading for chapter 5.</li></ul>
D	2016-09-08	EDONFAR	Added new note to Scope section due to the removal of Scheduled Conference AS in virtualized MTAS.

### 1.2 Purpose

This document presents the XML schemas defining common types used to ensure consistency across the Ut, Sh, CCMP and CAI3G interfaces on MTAS.

### 1.3 Scope

XML schema defining common types across the Ut, Sh, CCMP and CAI3G interfaces on MTAS.

For a definition of XML schema see ref [1].

Note: The CCMP related information is not available in virtualized MTAS.

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## 2 Schema Overview

The XML schemas presented in this document are used to define common types that can be used across the Ut, Sh, CCMP and CAI3G interfaces.

### 2.1 Namespace Prefix

In order to guarantee its uniqueness, a namespace can often be a long unwieldy string. XML allows a namespace to be mapped to a short string (a prefix) which makes XML documents more readable. Table 1 shows the mapping between each namespace and its assigned prefix as used in this document.

Prefix	Namespace	Purpose
mct	<a href="http://schemas.ericsson.com/mtas/mmtel/common-types">http://schemas.ericsson.com/mtas/mmtel/common-types</a>	MTAS Common types
xs	<a href="http://www.w3.org/2001/XMLSchema">http://www.w3.org/2001/XMLSchema</a>	Standard XML definition
xsi	<a href="http://www.w3.org/2001/XMLSchema-instance">http://www.w3.org/2001/XMLSchema-instance</a>	Schema structures for direct use in XML instance documents.

Table 1 – Namespace Prefix mapping

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### 3 XML Schemas

#### 3.1 MTAS common types

Description: defines common XML types used by MTAS across the Ut, Sh, CCMP and CAI3G interfaces.

File: mtas-common-types.xsd

Namespace: <http://schemas.ericsson.com/mtas/mmtel/common-types>

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**4            Attached files**

**4.1        XML Schema files**

The schema files are zipped and are available in ref [2]

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## 5 Glossary

### 5.1 Terms

<u>Term</u>	<u>Explanation</u>
Sh Interface	Interface into HSS within an IMS, as defined by 3GPP
Ut Interface	Interface between the XCAP client and XCAP server (XDMS) within an IMS, as defined by 3GPP
CCMP interface	Interface between the CCMP client and CCMP server, as defined by IETF

### 5.2 Abbreviations

AoCI	Advice of Charge for Information
CAI3G	Customer Administration Interface 3 <sup>rd</sup> Generation
CCMP	Centralized Conferencing Manipulation Protocol
DBL	Dynamic Black List
HSS	Home Subscriber Server
IMS	IP Multimedia Subsystem
IP	Internet Protocol
MCR	Malicious Communication Rejection
RFC	Request for Comments
URI	Uniform Resource Identifier
XCAP	XML Configuration Access Protocol
XDMS	XML Document Management Server
XML	Extensible Markup Language

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## 6 References

- [1] <http://www.w3.org/TR/xmlschema-1/>, XML Schema Part 1: Structures Second Edition.
- [2] MTAS Common Types Schemas,  
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