

MTAS Toll Restriction Management Guide

MTAS

USER GUIDE

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Contents

1	Introduction	1
1.1	Prerequisites	1
2	Overview	3
2.1	Subfunction	3
2.2	Interaction with Other Services	3
3	Toll Restriction Configuration	5
3.1	National Toll Restriction Configuration	5
3.2	International Toll Restriction Configuration	6
4	Performance Management	7
5	Fault Management	9





1 Introduction

This document describes how to achieve the Toll Restriction feature in the MTAS.

1.1 Prerequisites

It is assumed that the user of this document is familiar with the O&M area, in general.

1.1.1 Licenses

To enable basic services in the MTAS, the MMTel license must be installed.

For more information about licensing, refer to *MTAS Licenses*.

1.1.2 Documents

Before starting any procedure in this document, ensure that the following documents are available:

- *Ericsson Command-Line Interface User Guide*
- *Managed Object Model (MOM)*

1.1.3 Conditions

The following condition must apply:

An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.





2 Overview

The Toll Restriction feature allows the operator to stop selected end users making calls to national numbers and / or international numbers, to play special announcements when such an end user attempts to make a disallowed call, and to record the reason for rejection in the charging information for the rejected call.

The Toll Restriction feature is achieved by appropriate configuration of attributes in *MtasOcb* and *MtasGaAnn*. Toll Restriction is a specialized form of Operator Barring Program or user Barring Program, or both. For more details, refer to *MTAS Barring and Dial Plan Services Management Guide*.

2.1 Subfunction

There are no subfunctions included in the Toll Restriction feature.

2.2 Interaction with Other Services

As the Toll Restriction feature is a specialized form of Operator Barring Program or user Barring Program or both, the interactions are the same as the Outgoing Communication Barring interactions. For detailed information, refer to *MTAS Barring and Dial Plan Services Management Guide*.





3 Toll Restriction Configuration

This section describes the Toll Restriction configuration.

3.1 National Toll Restriction Configuration

To achieve national Toll Restriction, set the following attributes (the values in *italic font* are examples).

Create an instance of `MtasGaAnn` called “*NationalToll*” with attributes, as follows:

<code>mtasGaAnnPlayAudioAnnouncement</code> [“ <i>NationalToll</i> ”]	1
<code>mtasGaAnnPlayVideoAnnouncement</code> [“ <i>NationalToll</i> ”]	1
<code>mtasGaAnnAudioCode</code> [“ <i>NationalToll</i> ”]	1500
<code>mtasGaAnnVideoCode</code> [“ <i>NationalToll</i> ”]	1501
<code>mtasGaAnnAVAudioCode</code> [“ <i>NationalToll</i> ”]	1502
<code>mtasGaAnnAVVideoCode</code> [“ <i>NationalToll</i> ”]	1503
<code>mtasGaAnnCauseValue</code> [“ <i>NationalToll</i> ”]	21

For more details about Generic Announcements, refer to *MTAS Generic Announcement Management Guide*.

<code>mtasOcbLocalnessBCatAnnouncementCont</code> <code>rol</code> [“ <i>L_National</i> ”]	1
<code>mtasOcbLocalnessBCatAnnouncementName</code> [“ <i>L_National</i> ”]	“NationalToll”
<code>mtasOcbLocalnessBCatSSId</code> [“ <i>L_National</i> ”]	140

For more details about Generic Announcements, refer to *MTAS Barring and Dial Plan Services Management Guide*.

To impose national Toll Restriction on a user, include `L_National` in a category-name element within the operator-barring-program element in the transparent data file of the user.



3.2 International Toll Restriction Configuration

To achieve International Toll Restriction, set the following attributes (the values in *italic font* are examples).

Create an instance of `MtasGaAnn` called “*InternationalToll*” with attributes:

<code>mtasGaAnnPlayAudioAnnouncement</code> [“ <i>InternationalToll</i> ”]	1
<code>mtasGaAnnPlayVideoAnnouncement</code> [“ <i>InternationalToll</i> ”]	1
<code>mtasGaAnnAudioCode</code> [“ <i>InternationalToll</i> ”]	1504
<code>mtasGaAnnVideoCode</code> [“ <i>InternationalToll</i> ”]	1505
<code>mtasGaAnnAVAudioCode</code> [“ <i>InternationalToll</i> ”]	1506
<code>mtasGaAnnAVVideoCode</code> [“ <i>InternationalToll</i> ”]	1507
<code>mtasGaAnnCauseValue</code> [“ <i>InternationalToll</i> ”]	21

For more details about Generic Announcements, refer to *MTAS Generic Announcement Management Guide*.

<code>mtasOcbLocalnessBCatAnnouncementControl</code> [“ <i>L_International</i> ”]	1
<code>mtasOcbLocalnessBCatAnnouncementName</code> [“ <i>L_International</i> ”]	“ <i>InternationalToll</i> ”
<code>mtasOcbLocalnessBCatSSId</code> [“ <i>L_International</i> ”]	141

For more details about Barring Categories, refer to *MTAS Barring and Dial Plan Services Management Guide*.

To impose international Toll Restriction on a user, include `L_International` in a category-name element within the operator-barring-program element in the transparent data file of the user.



4 Performance Management

There are no measurements associated with this service.





5 Fault Management

There are no alarms associated with Toll Restriction.