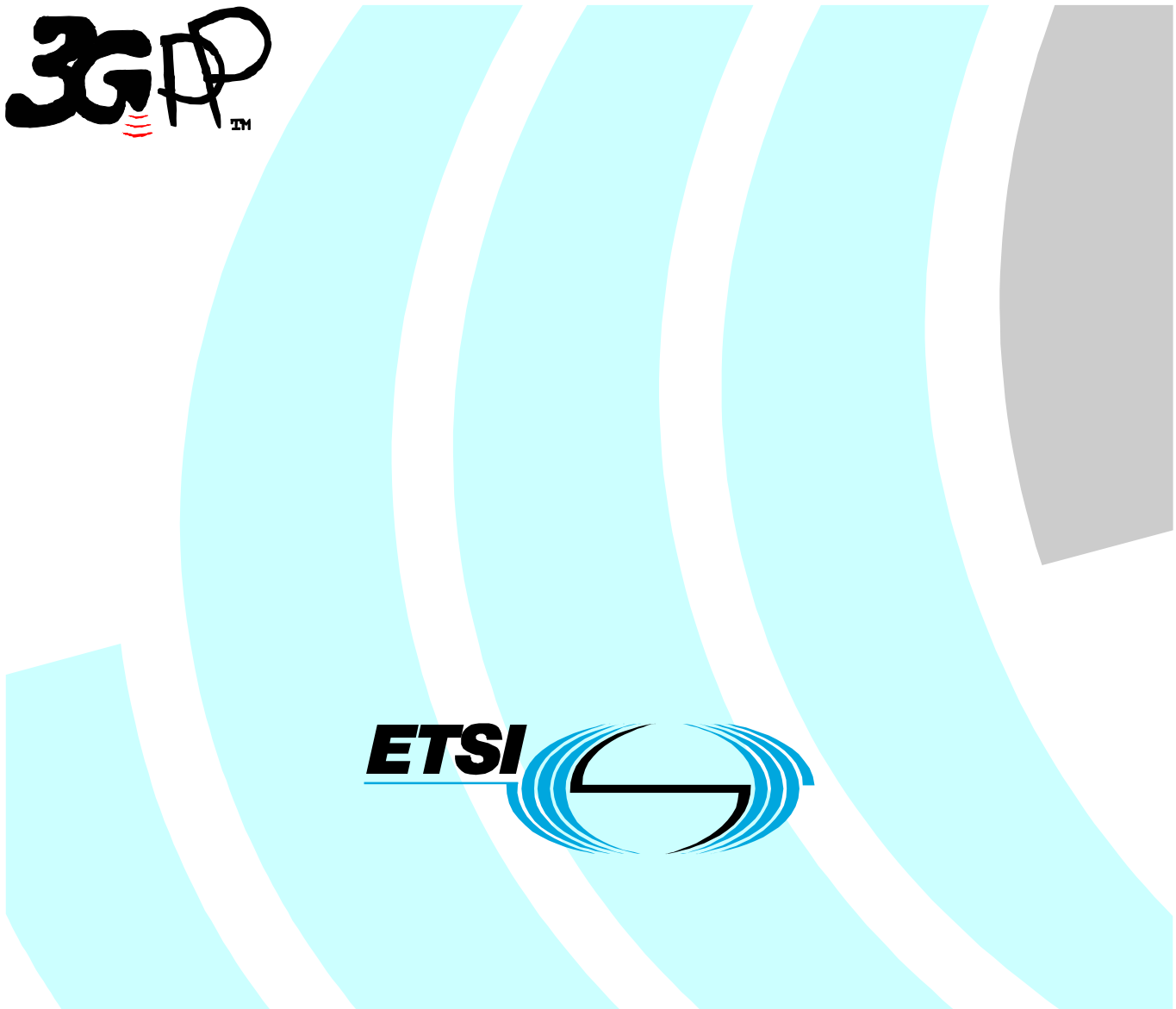
ETSI TS 132 106-6 V3.4.0 (2003-12)

Technical Specification

**Universal Mobile Telecommunications System (UMTS);
Telecommunication management;
Configuration Management (CM);
Part 6: Basic Configuration Management Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) solution set
(3GPP TS 32.106-6 version 3.4.0 Release 1999)**



Reference
RTS/TSGS-0532106-6v340

Keywords
UMTS

ETSI

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Introduction

The present document is part 6 of a multi-part TS covering the 3rd Generation Partnership Project: Technical Specification Group Services and System Aspects; Telecommunication Management; Configuration Management, as identified below:

Part 1: "3G Configuration Management: Concept and Requirements";
Part 2: "Notification Integration Reference Point: Information Service Version 1";
Part 3: "Notification Integration Reference Point: CORBA Solution Set Version 1:1";
Part 4: "Notification Integration Reference Point: CMIP Solution Set Version 1:1";
Part 5: "Basic Configuration Management IRP: Information Model Version 1";
Part 6: "Basic Configuration Management IRP CORBA Solution Set Version 1:1";
Part 7: "Basic Configuration Management IRP CMIP Solution Set Version 1:1";
Part 8: "Name Convention for Managed Objects".

Configuration Management (CM), in general, provides the operator with the ability to assure correct and effective operation of the 3G-network as it evolves. CM actions have the objective to control and monitor the actual configuration on the NEs and NRs, and they may be initiated by the operator or functions in the OSs or NEs.

CM actions may be requested as part of an implementation programme (e.g. additions and deletions), as part of an optimisation programme (e.g. modifications), and to maintain the overall Quality of Service. The CM actions are initiated either as a single action on a Network Element (NE) of the 3G-network or as part of a complex procedure involving actions on many NEs.

The Itf-N interface for Configuration Management is built up by a number of Integration Reference Points (IRPs) and a related Name Convention, which realise the functional capabilities over this interface. The basic structure of the IRPs is defined in 3GPP TS 32.101 [1] and 3GPP TS 32.102 [2]. For CM, a number of IRPs (and the Name Convention) are defined herein, used by this as well as other technical specifications for telecom management produced by 3GPP. All these documents are included in Parts 2 and onwards of the 3GPP TS 32.106.

This document constitutes 32.106 Part 6 - Basic Configuration Management IRP: CORBA Solution Set Version 1:1.