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Technical Specification

**Digital cellular telecommunications system (Phase 2+);
Universal Mobile Telecommunications System (UMTS);
LTE;
Service requirement for the Open Services Access (OSA);
Stage 1
(3GPP TS 22.127 version 9.0.0 Release 9)**



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1 Scope

This document specifies the stage 1 requirements for realisation of an Open Service Access (OSA).

OSA enables applications to make use of network functionality through an open standardised interface (the OSA API). OSA provides the glue between applications and network functionality. In this way applications implementing the services become independent from the underlying network technology.

Applications which make use of network functionality offered through the OSA interface are not standardised by 3GPP.

The network functionality offered through the OSA interface may or may not be standardised by 3GPP.

OSA is one toolkit, amongst others, that enables certain aspects of the requirements of the Virtual Home Environment (VHE) concept to be realised.

2 References

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2.1 Normative references

- [1] Void
- [2] 3GPP TS 22.101: "Service principles".
- [3] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [4] 3GPP TS 23.107: "QoS Concept and Architecture".
- [5] 3GPP TS 22.024: "Description of Charge Advice Information (CAI)".
- [6] 3GPP TS 29.198: "Open Service Architecture; Application Programming Interface".
- [7] 3GPP TS 22.141: "Presence Service Stage 1".
- [8] 3GPP TS 22.228: "IP Multimedia Subsystem (IMS) Stage 1".
- [9] 3GPP TS 22.071: "Location Services (LCS) Stage 1".
- [10] 3GPP TS 29.240: '3GPP Generic User Profile (GUP); Stage 3; Network'

2.2 Informative references

- [10] World Wide Web Consortium Composite Capability/Preference Profiles (CC/PP): A user side framework for content negotiation (www.w3.org)