Technical Specification for 
Presenting the Entity’s Name 
to the Called Party

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This technical specification is issued by The Communications, Space and Technology Commission in the Kingdom of Saudi Arabia in accordance with the provisions of the Communications and Information Technology Act issued by Royal Decree No. (M/106) dated 02/11/1443 AH and its bylaw, and the Commission’s regulation.

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1- Scope

The main scope of this specification is to enable the presentation of the entity’s name to the called party in mobile devices that operate in the KSA mobile networks.

1-1  It is an ancillary feature that enables the called party to determine the caller name by including an identifier for calls originated from entities.

1-2  Service provider can use this feature in their network to determine the caller name, without any action from the calling parties to activate this feature.

1-3  Enabling the feature is limited to the calls originated from the entities of legal nature.

2- Enforcement

This specification shall enter into force on 1/10/2023 corresponding to 16/3/1445 AH.
3- General Requirements

3-1 Mobile/Fixed Service Providers shall implement the required solutions to facilitate the feature availability in their networks in accordance with the specifications listed in section 4.

3-2 To ensure devices’ compatibility with service providers’ networks in Saudi Arabia, manufacturers must perform testing, provide a declaration of CNAP availability and receive acceptance from all Saudi mobile network operators before applying for type approval.

3-3 Saudi mobile network operators shall perform the required tests and provide acceptance in accordance to the technical specification (GEN002).

3-4 To proof compliance to any given additional requirements as listed in the technical specifications, appropriate test results, measurement plots, technical explanations or declaration letters issued by the applicant might be required depending on the specific requirement.

3-5 Mobile/Fixed Service Providers shall put in place the necessary security measures in the network to ensure that the source of the CNAP service is genuine.

3-6 Further information on the characteristics and presentation of network interfaces can be obtained by coordinating with the service providers in Saudi Arabia.
4- Limits and conditions

4-1 Testing should be carried out to ensure compliance with the following specifications where applicable:

- ETSI TS 122 096
- ETSI TS 122 081
- ETSI TS 123 096
- ETSI TS 124 096
- ETSI TS 124 080
- ETSI TS 122 173
- ETSI TS 124 196

4-2 Mobile device manufacturers are required to activate the feature on all relevant devices and adhere to the following guidelines:

4-2-1 The device must be configured to receive the name and number of the caller from the network and display it in handsets’ screen.

4-2-2 The name and number must be displayed in the call log history.

4-2-3 The device must have the capability to receive and display the name of the caller for all type of technologies, including (2G, 3G, 4G, 5G).

5- Licensing Requirements

No licensing requirements apply.

6- Additional Requirements

There are no additional requirements for this technical specification.
7- References

The following referenced documents are indispensable for the application of this document. If no issue or revision number is quoted along with the title of a technical specification or standard, the latest published version should be used.

**ETSI TS 122 096:**
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Name identification supplementary services; Stage 1.

**ETSI TS 123 096:**
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Name identification supplementary services; Stage 2.

**ETSI TS 122 081:**
Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Line Identification supplementary services; Stage 1.

**ETSI TS 124 096:**
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Name Identification supplementary services; Stage 3.
ETSI TS 124 080:
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile radio interface layer 3 supplementary Services specification; Formats and coding.

ETSI TS 124 196:
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Enhanced Calling Name (eCNAM)

ETSI TS 122 173:
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services; Stage 1.