

ICS 33.060
CCS M30

YD

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YD/T 6677-2026

**5G mobile telecommunication network - General technical
requirements of network data analytics (Phase 2)**

5G移动通信网 智能网络数据分析（NWDA）总体技术要求（第二阶段）
(English Translation)

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Foreword

YD/T 6677-2026 is a recommended industry standard of the People's Republic of China in the Telecom sector, approved and issued by the Ministry of Industry and Information Technology on 11 March 2026, with effect from 1 June 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.060; CCS M30.

1 Scope

YD/T 6677-2026 specifies the general technical requirements for network data analytics (NWDA) in a 5G mobile communication network, in its second phase, based on the 5G standalone (SA) architecture. The requirements cover the reference architecture, function description, procedure description, service description, interface function requirements and network element function requirements.

The document applies to the research, development and testing of the network data analytics feature of a 5G core network built on the SA architecture. Core network equipment vendors, mobile operators, software developers and test laboratories can use it when designing, building and verifying analytics functions. It is a voluntary standard approved by the Ministry of Industry and Information Technology, issued on 11 March 2026 and effective from 1 June 2026. It is a new standard.