

ICS 33.030
CCS L80

YD

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

YD/T 6860-2026

**Baseline for 5G Core network element management system
cryptography application**

5G核心网网元管理系统密码应用基本要求
(English Translation)

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Foreword

YD/T 6860-2026 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 15 April 2026, with effect from 1 August 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.030; CCS L80.

1 Scope

YD/T 6860-2026 specifies the basic requirements for cryptography application in the element management system of a 5G core network. It covers the cryptography application architecture of the element management system, the technical and management needs for cryptography application, the general requirements, and the technical requirements for cryptography application at the second, third and fourth levels. It guides and regulates the planning, construction, operation and evaluation of cryptography application in element management systems.

Telecom operators, equipment vendors, cryptography solution providers and evaluators are the readers it is written for. The document is voluntary (code with /T) and was approved by the Ministry of Industry and Information Technology. It was issued on 15 April 2026 and takes effect on 1 August 2026. It is a new standard and replaces no earlier edition. The English translation gives overseas suppliers the full level-by-level requirements for 5G core network element management systems.