

ICS 35.240  
CCS M07

**YD**

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

**YD/T 7007-2026**

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**Technical requirements of network operation management  
knowledge graph - Knowledge modelling method**

网络运营管理知识图谱技术要求 知识建模方法

**(English Translation)**

**Issued on: June 1, 2026**

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### Foreword

YD/T 7007-2026 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 1 June 2026, with effect from 1 September 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 35.240; CCS M07.

### 1 Scope

YD/T 7007-2026 establishes the general principles of knowledge modelling for a network operation management knowledge graph. It defines the composition of the knowledge model and how it is represented, and it specifies the knowledge modelling methods. A knowledge graph stores facts about network equipment, faults and operating practice as linked entities, so that systems and staff can use them in operation work. The document applies to the construction and maintenance of knowledge graphs for network operation management.

Telecommunications operators, vendors of operation and maintenance software, and teams that build and keep up knowledge graphs use it. The standard is voluntary, as the /T in its code shows. The Ministry of Industry and Information Technology issued it on 1 June 2026, and it takes effect on 1 September 2026. It is a new standard, and no earlier edition is replaced by it.