

ICS 33.040
CCS M10

YD

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

YD/T 6903-2026

**Digital twin network - Network modeling general technical
requirements**

数字孪生网络 网络建模通用技术要求

(English Translation)

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Foreword

YD/T 6903-2026 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 33.040; CCS M10.

1 Scope

YD/T 6903-2026 sets out the general technical requirements for network modeling in digital twin networks. Its content includes the classification of digital twin network models, the functional requirements for the different kinds of model, and the requirements for orchestration and management of the models.

The document applies to the design and construction of network models in a digital twin network. It is useful to engineers who design such models, to developers of digital twin network platforms and to operators who plan to build them. The /T in the code indicates that it is voluntary. It was approved by the Ministry of Industry and Information Technology, issued on 1 June 2026 and takes effect on 1 September 2026. It is a new standard and does not replace an earlier edition, so it can be used as the starting reference for organizations setting up network modeling for the first time.