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CCS M36

YD

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

YD/T 7012-2026

**Technical requirements for MLOps model management of
mobile communication network**

移动通信网络研发运营一体化模型管理技术要求
(English Translation)

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Foreword

YD/T 7012-2026 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 33.060; CCS M36.

1 Scope

This document defines the functional architecture, service requirements and information model of Machine Learning Operations (MLOps), meaning integrated development and operation model management, for mobile communication network operation and management on the operator side. In plain terms, it describes how machine learning models used in a mobile network are developed, deployed and kept running as one managed process. It applies to the design, development and application of systems related to MLOps model management in operator-side mobile communication networks.

Mobile network operators, vendors of network management and artificial intelligence platforms, and system developers use it. The standard is voluntary, as the /T in its code shows. It was issued by the Ministry of Industry and Information Technology on 1 June 2026 and takes effect on 1 September 2026. It is a new standard, so it does not replace an earlier edition.