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CCS M42

YD

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

YD/T 7021-2026

**Intelligent information and communication operation
management requirements and use cases - 5G radio access
network optimization**

信息通信网智能化运营管理需求与用例 5G无线接入网优化
(English Translation)

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Foreword

YD/T 7021-2026 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 33.040.50; CCS M42.

1 Scope

YD/T 7021-2026 specifies typical requirements and use cases for intelligent operation management in the optimization of 5G radio access networks. It covers an overview of intelligent management for 5G radio access network optimization, the intelligent requirements, and typical application scenarios. The document describes what operators expect from intelligent tools when they tune and improve a 5G radio access network, and illustrates these expectations through representative scenarios. It applies to the intelligent operation management of 5G radio access network optimization.

The standard is useful to mobile network operators, optimization teams, network management system developers and equipment suppliers. It is a voluntary industry standard, as shown by the /T in its code. 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.