

# 2022-06-16 - Virtual: General: China Mobile's Practice and Thinking on Autonomous Network

## Topic Leader(s)

- [Lingli Deng](#)
- TBA

## Topic Description

30m [Lingli Deng](#)

Taking China Mobile as an example, this paper introduces the practical experience and thinking suggestions of autonomous network construction.

## Topic Overview

- As a communications operator with the largest number of customers, the largest network scale, and the most abundant network services in the world, China Mobile faces enormous challenges in order to achieve the above-mentioned experience goals. Only by building a "self-intelligent network" and enhancing the automation and intelligence capabilities of network operation and maintenance, can we improve quality, generate income, reduce costs and increase efficiency, and realize the transition from demographic dividend to popular dividend. To this end, in May 2019, China Mobile took the lead in proposing the concept of self-intelligence network in the world, taking the lead in proposing the quantitative goal of realizing L4 in 2025, and taking the lead in completing the practice of large-scale digital intelligence capacity building for all sub-networks and all majors. In 2021, the data intelligence operation and maintenance level of the entire network will be upgraded from L1.8 to L2.1, but there are still challenges from the L4 level capability target. China Mobile proposes a cooperation initiative to unify network element and network management standards, strengthen the traction of business results, and open and innovate AI capabilities. It hopes to unite and mobilize more partners to promote industrial cooperation and share growth. This topic will introduce the relevant thinking and practice of China Mobile, as well as suggestions for industrial cooperation.

## Slides & Recording



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## Agenda

Awesome presentation

- Background
- Method
- Practice
- Outlook
- Suggestions
- Q&A

## Minutes

## Action Items

