VENDOR SNAPSHOT

Key Customers' Deployment

178 NCE-IP
102 NCE-T
78 NCE-FAN
62 NCE-Super
830 NCE-E*

Founded
1987

Description

The Huawei iMaster NCE Autonomous Network Management and Control System is a Domain Control & Orchestration software platform for integrated management, control, analysis and AI functions for networks, data centers, enterprise campuses & business private line operations..

PRODUCTS AND SERVICES

- Huawei iMaster NCE software platform provides common management, control, analysis and full-stack of AI functions.
- Used in multiple offerings:
  - NCE-T for transport domain
  - NCE-IP for IP domain
  - NCE-FAN for access & home networks and end-user devices.
  - NCE-Super for ML/MV domain coverage.
  - NCE-FABRIC for intelligent data center networks.
  - NCE-CAMPUS for fully converged campus networks.
  - NCE-WAN for overlay SD-WAN solutions.

Ecosystem

Open interface for most major platforms (legacies, ONAP, Openstack and more)

Shenzhen, China

Global

* NCE-E denotes all of NCE-FABRIC/NCE-CAMPUS/NCE-WAN

KEY STRATEGIES

- Common platform strategy with adaptable configurations for multiple uses in carrier and enterprise networks.
- Cloud-based – delivered as managed service, SaaS, or private or public cloud applications.
- Support both physical and virtual network elements.
- Part of overall Huawei iMaster brand product portfolio to deliver network simplicity and intelligent operations to realize the vision of what it calls the "Autonomous Driving Network" aka ADN.

ANALYSIS

- Huawei has a comprehensive vision of automated network operations of the future with near-term offerings that can move a CSP towards the vision.
- The product line evolution towards the vision of adopting actual needs of customer's case scenarios, enabling stepwise CI/CD approach, driven according to customer specific programs.
- Built with open programmable interface in both directions and supported by an IDE framework for multi-vendor integration.