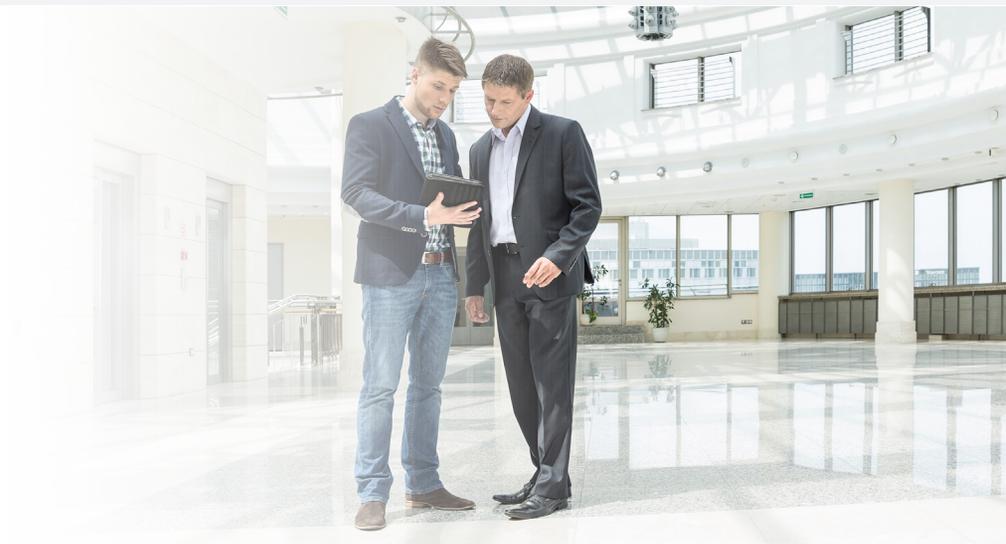


Cisco Ultra M



Benefits

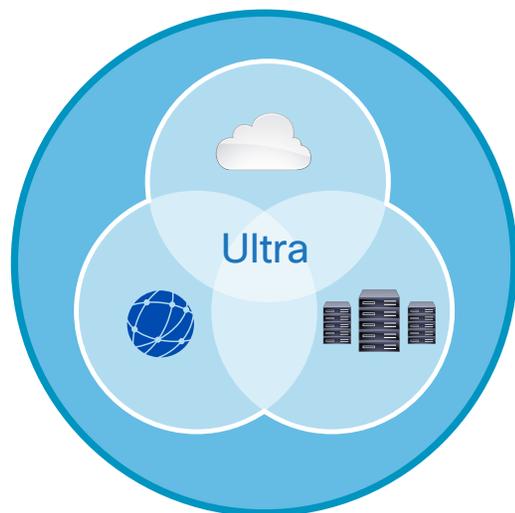
- **Turnkey Virtualization Platform:** Combines all mobile packet core services in a fully virtualized solution to simplify the transition.
- **Cost-Effective and Elastic Mobile Packet Core:** Dynamically scales your mobile packet core functions to adapt to real-world needs.
- **Lower CapEx and OpEx:** Helps lower your CapEx by letting you replace purpose-built hardware with standardized compute and storage platforms.
- **Acceleration of New Services:** Provides resource management and orchestration intelligence that simplifies and automates the configuration, testing, and integration of new services.
- **Preintegrated Cisco Testing and Validation:** Features a Cisco® Validated Design configuration and deployment model.

Simplify Your Mobile Core Transition to Virtualization

Cisco Ultra M simplifies the deployment of mobile core virtual network functions (VNFs). The solution combines Cisco Ultra Gateway Applications with a validated network functions virtualization infrastructure (NFVI) that provides service providers with the confidence to start rolling out services quickly. Designed as a full, end-to-end solution for network functions virtualization (NFV), Ultra M offers automated Cisco Validated Designs running within fixed hardware and software configurations.

With Cisco Ultra M, customers can:

- Move toward implementation of NFV
- Use a simple virtual packet core (VPC) virtual network function (VNF) as a starting point
- Eliminate the complexity of integrating NFVI, virtual infrastructure manager (VIM), and VPC independently
- Access a simple support model based on feature requests



Easily Transition to Virtualized Mobile Cloud

Cisco Ultra M addresses common mobile operator challenges when moving to a virtualized core environment. By making sure of advanced performance and stability, reduced deployment and maintenance complexity, and superior cost control, Ultra M provides an easy path to virtualization.

Automated Virtualization Platform

Cisco Ultra M combines all mobile packet core services in a fully virtualized solution. The solution combines Cisco Ultra Gateway applications with a Cisco validated NFVI that enables customer to start rolling out services quickly. Ultra M is a simple virtualization kit that can be easily upgraded to the Ultra Services Platform, Cisco's next generation for cloud mobile services.

A More Elastic, Cost-Effective Mobile Packet Core

Cisco Ultra M dynamically scales your mobile packet core functions to adapt to real-world needs. So instead of building out a packet core infrastructure for peak capacity, your system can elastically deploy services as needed and in a topology that is most economically suited.

Lower CapEx and OpEx

Cisco Ultra M helps lower your CapEx by letting you replace purpose-built hardware with standardized compute and storage platforms. It helps reduce OpEx by adding efficiency to your packet core infrastructure, reducing the network footprint, and simplifying network configuration and maintenance.

Accelerate the Introduction of New Services

Cisco Ultra M provides resource management and orchestration intelligence that simplify and automate the configuration, testing, and integration of new services. You can create and change service offerings and add new customers to your environment more quickly and at a lower cost.

Preintegrated Cisco Testing and Validation

Cisco Ultra M features a defined configuration and deployment model. Its tested Cisco Validated Designs run within fixed hardware and software configurations to make sure of an easy, out-of-the box path to virtualization.

Next Steps

For more information about Ultra M or the Ultra Services Platform, go to www.cisco.com/go/ultra.