

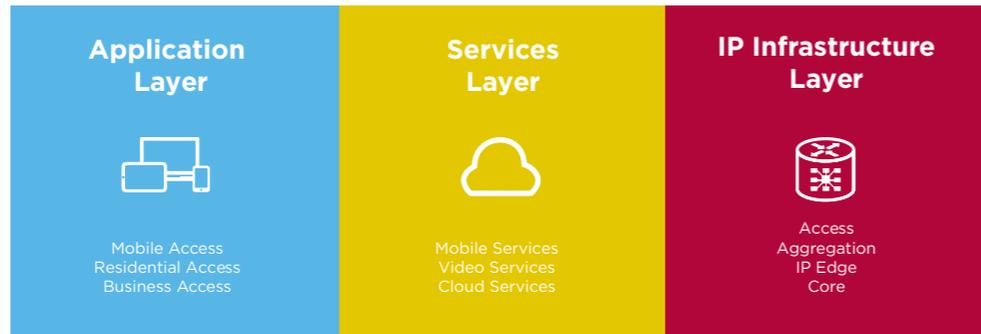


IP NEXT GENERATION NETWORK

The idea behind the IP Next Generation Network (IP NGN) is to provide IP transport for all services and applications, regardless of user access type, thus enabling the addition of new services and applications without any changes in the transport network.

IP NGN ARCHITECTURE

IP NGN is a next-generation service provider (SP) infrastructure enabling voice, video, mobile, and cloud or managed services. IP NGN architecture is separated into IP infrastructure, service, and application layers, thus enabling the addition of new services and applications without any changes in the transport network.

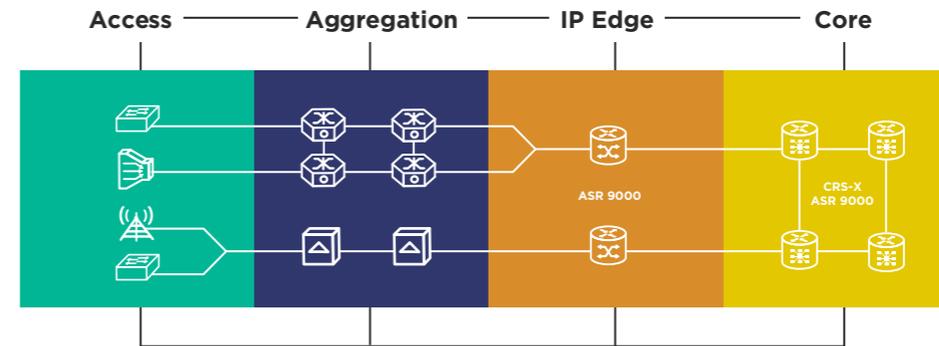


IP NGN ARCHITECTURE:

Separated into IP infrastructure, service, and application layers

IP NGN INFRASTRUCTURE

IP NGN infrastructure equipment is based on Carrier Ethernet and IP/Multiprotocol Label Switching (MPLS) technology, such as Cisco CRS-X Series, ASR Series, and Nexus Series. These industry-leading products provide a strong foundation for current and future networking needs in the core and data center, at the edge, and all the way out to the customer premise.



IP NGN Carrier Ethernet incorporates many networking technologies such as Ethernet over MPLS (EoMPLS), Layer 3 Protocol Independent Multicast-Specific Multicast (PIM-SSM), MPLS VPN, Hierarchical Virtual Private LAN Service (H-VPLS), IEEE 802.1ad and other emerging Ethernet, IP, and MPLS technologies. This **allows SP's to support a broad range of applications while minimizing the capital and operating expenses associated with the network infrastructure.**

IP NGN infrastructure is also fully supported by the end-to-end management solution. Cisco Prime Carrier Management Suite **enables SP's to automate service provisioning, simplify fault management and visualize status of the infrastructure.**

IP NGN INFRASTRUCTURE:

Based on Carrier Ethernet and IP/Multiprotocol Label Switching (MPLS) technology

Equipment: Cisco CRS-X Series, ASR Series, and Nexus Series

Management Solution: Cisco Prime Carrier Management Suite



■ NIL VALUE PROPOSITION

NIL CAN OFFER:

Learning services

Design services

Implementation services

Migration to IP NGN services

NIL has comprehensive knowledge in planning, designing, implementing, installing, migrating and educating on IP NGN. Team of NIL engineers is constantly updating their knowledge with latest technologies offered from vendor Cisco Systems. Engineers are capable to engage into SP networks with their specific designs and provide suitable support and service for the customer.

The knowledge gained from trainings and practical experience is usually conducted to SP engineers and operators through professional training services that is constantly updated and verified from Cisco Advanced Services.

For more information, please contact us via sales@nil.com or find our local office.