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NAT-MCH Gen4

Wednesday 11 December 2024 11:15 (15 minutes)

The 4th generation of NAT-MCH is the successor of the 3rd generation of NAT-MCH, which - after more than 18 years of successful deployments - is coming to its end of life now.

The 4th generation MCH provides a lot of improvements and new features and functions, such as 10GbE base switch with 25GbE uplinks, new 40/100GbE fat pipe hub with 10/40/100GbE uplinks, new PCIe Gen 4 fat hub, new CLK module with replacement for IDT multiplexer, new web and harmonized CLI interface in order to name a few.

Also, the 4th generation MCH is MTCA.0 Rev 3 compliant and has been designed to meet the upcoming requirements addressed by the next generation of MicroTCA as close as possible already.

To ensure product continuity, the family of NAT-MCHs of the 4th generation include ready-to-go products for science and research, similar to the NAT-MCH-PHYs and NAT-MCH-PHYS80.

After a short overview comparing the 3rd generation NAT-MCH with its 4th generation, N.A.T. will explain how existing customers can easily migrate to the 4th generation MCH in existing applications. Finally, the presentation will close providing dates for Last Time Buy (LTB) and Last Time Ship (LTS) for all flavors of the 3rd generation NAT-MCH.

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