

The new NAT-MCH Gen4

Wednesday 6 December 2023 12:00 (15 minutes)

After almost 18 years of successful deployments, the 3rd generation of NAT-MCH is getting closer to its end of life, while the 4th generation of NAT-MCH is available now.

The 4th generation 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.

It 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.

After a short introduction to new features and how new and existing customers can benefit from these, N.A.T will explain how existing customers for the 3rd generation of NAT-MCH can easily migrate to the 4th generation MCH in existing applications.

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