

## **Cooling Strategies –MicroTCA crates installed in electronics cabinets**

*Wednesday 6 December 2017 17:00 (15 minutes)*

MicroTCA is a sophisticated Technology with high processing power and many features but also challenges such as high heat generation. With older technologies a small amount air movement inside the crate was sufficient to keep electronics cool. With today's high performance and high density electronics a stronger, dedicated cooling strategy for the crate and cabinet level is required to keep electronics running well. This presentation demonstrates different cooling strategies for MTCA crates and associated cabinets and possible traps which should be avoided.

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