

From 40G to 100G - a new MCH concept

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Increasing demands for modularity and bandwidth create a constant challenge to meet the requirements of application from the “low end”(i.e. Industrial IoT) to the “high end”(i.e. data processing with high-end FPGAs). Therefore, in the long term a new concept for the MicroTCA Carrier Hub (MCH) is needed which allows a flexible mix-and-match of MCH sub-modules and provides state-of-the art switching technology for slim and fat-pipe fabrics at the same time. The presentation will show how this transition from existing MCHs to future solutions can be smoothly effected while maintaining a maximum on backward compatibility.

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