

# **Higher Speed Ethernet – Requirements and Standardization. 100GET – OCTET**

Ralf-Peter Braun  
T-Systems Enterprise Services GmbH  
Systems Integration, Networks & Processes,  
Next Generation Broadband Networks, PU1  
10589 Berlin, Goslarer Ufer 35 Germany  
Phone: +49 30 3497 4464, Fax:+49 30 3497 4956

mailto: [Ralf-Peter.Braun@t-systems.com](mailto:Ralf-Peter.Braun@t-systems.com), Internet: <http://www.t-systems.com>

## **Abstract**

Higher Speed Ethernet interfaces and transport will play a major role in next generation broadband networks.

The increased transmission rates of e.g. 100Gbit/s result in enhanced requirements for the architecture and functionalities of multi-domain and multi-layer networks which are discussed in this contribution.

Furthermore standardized solutions are very important in such higher speed networks, so the status of the related standardization activities is reflected.