

T-Mobile



T-Mobile Standardizes Network Design and Operations Activities with Riverbed

T-Mobile® is the leading mobile phone operator in Germany with more than 37 million subscribers as of March 31, 2008. Headquartered in Bonn, Germany, T-Mobile generated €8 billion in revenues in 2007. T-Mobile continuously invests in modernizing its network, with a focus on superior network experience and deploying state-of-the-art technologies for highspeed mobile data transmission (GPRS, EDGE, WLAN, UMTS, and HSDPA).

The IP Design Authorization Group at T-Mobile is responsible for making design recommendations to guarantee the correct operation of multiple networks across the organization. To support these activities they undertook the strategic initiative to implement a standardized toolset across the company, based on Riverbed® SteelCentral™ NetSentinel and NetPlanner.

NetSentinel is deployed in a hierarchical configuration to collect data from different networks and audit these networks against misconfigurations, security gaps, and violations of organizational policies.

Based on the detailed recommendations provided by NetSentinel, T-Mobile identified and modified several erroneous configurations that previously went unnoticed and could have resulted in service disruption.

Leveraging the network and traffic data collected by NetSentinel, T-Mobile uses NetPlanner to guarantee end-to-end connectivity and service delivery across multiple service areas and undertake survivability analysis to ensure that services remain operational in case of equipment failures. NetPlanner is used also to simulate the impact of new services and traffic growth on the backbone network and make timely recommendations to perform capacity upgrades before service performance is impacted.

Riverbed is a strategic partner for T-Mobile's network design and operations activities. Using NetSentinel and NetPlanner, T-Mobile gained an unprecedented level of end-to-end visibility and understanding of the network, allowing the company to better justify network design recommendations and significantly reduce network configuration errors and resulting downtime.

About Riverbed

Riverbed, at more than \$1 billion in annual revenue, is the leader in application performance infrastructure, delivering the most complete platform for the hybrid enterprise to ensure applications perform as expected, data is always available when needed, and performance issues can be proactively detected and resolved before impacting business performance. Riverbed enables hybrid enterprises to transform application performance into a competitive advantage by maximizing employee productivity and leveraging IT to create new forms of operational agility. Riverbed's 26,000+ customers include 97% of the *Fortune* 100 and 98% of the *Forbes* Global 100. Learn more at riverbed.com.

