Compass™ Throughput Optimization Protocol Service (TOPS)

Performance Metrics

**Internal Benchmark Testing**

Internal testing on a LAN with the introduction of artificial round trip times revealed that Compass-to-Compass transmissions with TOPS enabled is capable of achieving greater than 11x improvement in performance over standard DICOM transmissions.

![Compass TOPS Improvement Over DICOM](chart1.png)

**Independent Benchmark Testing**

Independent testing by an existing Compass customer on a production environment WAN across country boundaries using a variety of study types revealed 2.39 to 12.16x improvement in performance by Compass/TOPS over standard DICOM transmissions.

![Images Per Second](chart2.png)