



# Optimize and Accelerate Satellite and Tactical Communications



**Mission Success is Measured in Milliseconds**  
Achieve High Throughput Communication in Denied Areas

- Optimize limited satellite bandwidth
- Massive reduction in utilization rates
- Speed up file transfer rates
- Increase performance by up to 100x for on-premises applications
- Achieve information dominance in battlespace
- Accelerate encrypted SSL/TLS traffic and applications
- Reduce bandwidth utilization by up to 95%, deferring costly network bandwidth upgrades

## WAN Optimization and Acceleration—Use Cases

Productivity	Cost Savings		Data Protection
Application Acceleration	Consolidation & Virtualization	Bandwidth Optimization	Disaster Recovery
<b>Speed up delivery of:</b> <ul style="list-style-type: none"> <li>• C4I &amp; custom apps</li> <li>• HTTPS intranet &amp; extranet</li> <li>• File sharing &amp; Email</li> <li>• Personnel &amp; logistics</li> <li>• 3-D printing</li> <li>• Sensor feeds</li> </ul>	<b>Increase efficiency of:</b> <ul style="list-style-type: none"> <li>• Servers</li> <li>• Storage arrays</li> <li>• Backup hardware</li> <li>• VM replication</li> <li>• Thin clients</li> <li>• Server-less branches</li> </ul>	<b>Maximize results around:</b> <ul style="list-style-type: none"> <li>• Tactical communications</li> <li>• Comms on the move</li> <li>• WAN bandwidth, latency &amp; upgrades</li> <li>• QoS</li> <li>• SATCOM links</li> </ul>	<b>Improve capabilities:</b> <ul style="list-style-type: none"> <li>• Recovery Time (RTO)</li> <li>• Recovery Point (RPO)</li> <li>• Replication</li> <li>• WAN backup</li> </ul>

For more information, contact a Riverbed Acceleration Specialist to discover how to create more capacity with finite bandwidth resources and accelerate mission success.

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