

Advanced Trunking with Managed WAN Optimization



Optimize Your Services and Delight Your Customers

Your business grows as you engage customers in discussions about their needs when new trends and requirements emerge. Success depends on moving beyond raw bandwidth, to reliable, integrated solutions tailored to fit the needs of your end-users.

To keep pace with growing end-user expectations and bandwidth demands, service providers must increasingly embrace the role of an end-to-end, integrated solutions provider. That means leveraging flexible, reliable, infrastructure that allows you to focus attention on end-user applications and business needs.

Differentiate Your Customers' Experience and Elevate Your Status with AgileCore UX

While internet traffic growth shows no sign of slowing, it's outpaced by growth in applications that are dominating the lives of consumers and businesses alike. For instance,



Video traffic
grows 30%
annually



Secure page loads
Account for 75%
of all page loads

By leveraging AgileCore UX, Intelsat's advanced trunking solution, you can optimize your connectivity to provide superior performance and reliability for these and other growing applications.

It unlocks the ability to improve your end-users' quality of experience and increase overall service reliability by leveraging Intelsat widebeam and Epic^{NG} capacity, the integrated IntelsatOne terrestrial network, and managed WAN optimization. You'll also benefit from a consistent monthly cost structure for your service at the data rate you need. Additionally, you'll be able to deliver high-throughput connectivity to locations across the globe and provide a new and differentiated customer experience.

Benefits At-A-Glance

- Deliver high-performance internet, cloud services, and global MPLS connectivity to networks and users across the globe
- Reduce capital costs through a managed satellite infrastructure and global terrestrial network
- Support enterprise-grade service levels with high-availability Ku- and C-band capacity and redundant terrestrial infrastructure
- Improve your users' experience for common applications like file transfer, encrypted and unencrypted browsing, and video streaming
- Raise your profile within the solutions value chain to seize higher-margin opportunities
- Leverage pre-packaged, flat per-Mbps pricing and simple, low-cost remote terminal requirements



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Accelerate Your Users' Application Experience

AgileCore UX optimizes IP traffic to deliver a new end-to-end experience for all your customers. A combination of inbound and outbound traffic shaping, enhanced TCP, remote web and byte caching, and video optimization offers a host of benefits. It reduces page load times, speeds file delivery, and virtually eliminates video buffering. Along with high-performance Intelsat Epic^{NG} capacity, you'll deliver an experience that meets customer demands now and into the future.

Testing has shown improvements of **40-60%** in streaming and load times, in some cases speeds that rival fiber.

Deliver Enterprise-Grade Service That's Better than Ka-band

With AgileCore UX, you're positioned to address your customer needs whether they include "simple" internet access or stable, high-availability connectivity to support enterprise applications. You'll ensure connectivity in any climate with dependable Ku- and C-band capacity.

To further enable you to provide the high availability demanded by enterprise customers and business applications, our advanced trunking solution combines terrestrial and space-based infrastructure to reliably connect regions without access to fiber or complements fiber-based trunking for extra capacity and peace-of-mind. Requiring only simple, fixed remote antennas – sometimes even leveraging your existing remotes – reduces the complexity and potential for failure in-region. And our world-class datacenters in over a dozen global locations deliver diverse, high-speed connectivity to Tier-1 ISPs or our own carrier-class IP/MPLS network to meet both private and public networking needs.

Compare AgileCore UX with MEO-based Trunking

With ease-of-deployment, high availability, and integrated WAN optimization, the AgileCore UX solution surpasses other modern trunking offerings:

	AgileCore UX Feature	Service Provider Benefit
Remote Antenna	Uses existing or new antenna, starting with 2.4m C-band antenna, 20W BUC	Reduce or eliminate new remote-site antenna costs
Remote Complexity	Fixed antenna	Reduce maintenance, reduce jitter, and improve availability of overall throughput
Minimum Service Commitment	100 Mbps	Reduce barriers to expand and improve startup economics
WAN Optimization	TCP acceleration and caching included	Reduce operational cost and effort; improve load time and customer experience
Availability	Intelsat Epic ^{NG} C-band and Ku-band	Remove bandwidth and service impacts due to rain fade associated with Ka-band services

AgileCore UX is part of our portfolio of solutions designed to meet high-capacity, high-availability connectivity needs for service providers and telcos.

ABOUT INTELSAT

Intelsat operates the world's first Globalized Network, delivering high-quality, cost-effective video and broadband services anywhere in the world. Intelsat's Globalized Network combines the world's largest satellite backbone with terrestrial infrastructure, managed services and an open, interoperable architecture to enable customers to drive revenue and reach through a new generation of network services.

Thousands of organizations serving billions of people worldwide rely on Intelsat to provide ubiquitous broadband connectivity, multi-format video broadcasting, secure satellite communications and seamless mobility services. The end result is an entirely new world, one that allows us to envision the impossible, connect without boundaries and transform the ways in which we live.

www.intelsat.com

SALES CONTACTS

Africa

+27 11-535-4700
sales.africa@intelsat.com

Asia-Pacific

+65 6572-5450
sales.asiapacific@intelsat.com

Europe

+44 20-3036-6700
sales.europe@intelsat.com

Latin America & Caribbean

+1 305-445-5536
sales.lac@intelsat.com

Middle East & North Africa

+971 4-390-1515
sales.mena@intelsat.com

North America

+1 703-559-6800
sales.na@intelsat.com



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