

# Intelsat AgileCore® | UX

## 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.

Unlock the ability to improve your end-users' quality of experience and increase overall service reliability by leveraging Intelsat widebeam and Epic 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 prepackaged, flat per-Mbps pricing and simple, low-cost remote terminal requirements



## Accelerate Your Users' Application Experience

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

Intelsat AgileCore UX optimizes IP traffic to deliver a new experience for all your customers. Traffic shaping, enhanced TCP, remote web and byte caching, and video optimization combine to reduce page load times and virtually eliminate video buffering. Along with Intelsat Epic capacity, you'll deliver an experience that meets customer demands now and into the future.

## 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 for enterprises. You'll ensure connectivity in any climate with dependable Ku- and C-band capacity.

To further enable you to meet the high expectations of enterprise applications, AgileCore UX combines terrestrial and space infrastructure to reliably connect regions without access to fiber, or complement fiber-based trunking for extra capacity and peace-of-mind. Requiring only simple, fixed remote antennas – or leveraging your existing remotes – reduces potential for failure in-region. And our global data centers deliver diverse, high-speed connectivity to Tier-1 ISPs, our IP/MPLS network, or the cloud to meet both private and public networking needs.

## AgileCore UX Features and Benefits

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

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

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

## About Intelsat

As the foundational architects of satellite technology, Intelsat operates the largest, most advanced satellite fleet and connectivity infrastructure in the world. We apply our unparalleled expertise and global scale to reliably and seamlessly connect people, devices and networks in even the most challenging and remote locations. Transformation happens when businesses, governments and communities build a ubiquitous connected future through Intelsat's next-generation global network and simplified managed services.

At Intelsat, we turn possibilities into reality. Imagine Here, with us, at [Intelsat.com](http://Intelsat.com).

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