Cloudstreet’s award-winning Dynamic Network Slicing Platform provides a low-friction entry point to massive service slice virtualization for quite literally every use case under the sun. As today’s forward-thinking Mobile Network Operators look to agile SDN/NFV frameworks to build out the next generation of logically scaled networks, their defining moment is here.

Welcome to Cloudstreet. Welcome to the sliced network.
SERVICE SLICE VIRTUALIZATION FOR THE USER-DEFINED NETWORK

Leveraging the power of the SDN and NFV logical network virtualization frameworks, the Cloudstreet Platform enables a world of Application-Aware Networks to support the sea of use cases to come. From IPTV/OTT video and gaming to massive IoT, industrial AR/VR, telemedicine and public safety the sky isn't even the limit.

As carriers work to build toward the promise of 5G, Cloudstreet's 4G/5G platform creates the basis for a flexible, scalable environment to quickly create and launch an array of high value network-slice-as-a-service offerings.

While in today’s service environment, apps must adapt performance to the network, in a sliced world, the network adapts to the app and its user.
Cloudstreet’s Dynamic Profile Controller™ (DPC™) is the world’s first carrier-grade platform to deliver SLA-assured quality-of-experience for mobile broadband users. The DPC™ works in concert with Cloudstreet’s complete network slice trigger tool set to provide a true end-to-end Application-Aware Network experience.

Driving new revenues from premium quality-assured connectivity, carriers can rapidly deploy and scale new services for differentiated consumer and business segments, while aligning with the principles and practices of Net Neutrality.

Cloudstreet’s Application Library opens up a world of automated, IPTV, M2M and massive IoT applications that can be integrated with any wireless or wired device like routers, STBs and IoT innovations.

The Cloudstreet Mobile App is a light, user-friendly application available for download for Android or iOS devices that allows mobile subscribers to enjoy SLA-assured mobile connectivity for any and all applications and content they use and enjoy.

Cloudstreet’s server side component exposes an HTTPS based REST API for requesting Quality of Experience assured slices. An ideal solution for industrial, healthcare or any use cases that employ embedded systems.
FEATURES & BENEFITS

Differentiating Mobile Quality of Service
An elegant, 4G-ready solution for the challenge of ensuring quality-of-service and quality-of-experience.

- OTT/IPTV Video loads faster, remains stable across HD and 4K
- Mission-critical to life-critical connectivity assured
- Provides a clear and 3GPP-recommended path to 5G

Mobile Network Orchestration
A highly flexible control panel for MNOs to create, launch and manage a wide range slice-based services.

- MNOs stay in control, delivering QoE-Assured Connectivity
- App and User-Driven Capacity/Latency for any use case
- Control-point to handle slice inventory network congestion

Cellular Capacity Management
The DPC™ takes detailed measurements of a cell’s usage to balance, service levels across all users to a predetermined minimum.

- More Efficient Use of Network Capacity
- In-slice users enjoy optimized, uninterrupted service
- Default users enjoy better overall network performance

Net Neutrality Compliant
As an assured mobile QoE solution that is driven by user demand, Cloudstreet directly aligns with, and indeed reinforces the principles, practices and regulatory requirements for Net Neutrality.

- Fully compliant with all EU regulations and guidelines
- All traffic within QoS/QoE categories treated as equal
- All non-sliced traffic provided minimum assured performance