

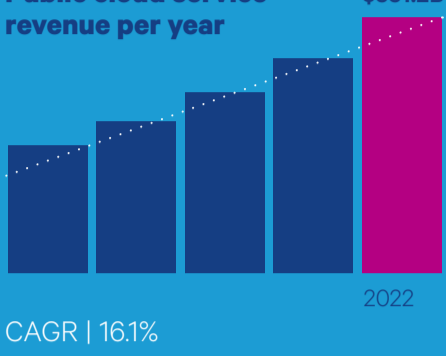
TRANSFORMING THE CLOUD FOR BROADCAST

Taking cloud applications to the edge is transforming how we consume our most critical applications. The Internet of Things and artificial intelligence, delivered by 5G wireless technologies, are accelerating the growth of cloud applications out to hundreds of thousands of edge nodes. For service providers delivering 5G services, using terrestrial networks to deliver the same content to each end point is inefficient. The future of broadcast-grade cloud brings any kind of content to an unlimited number of end points.



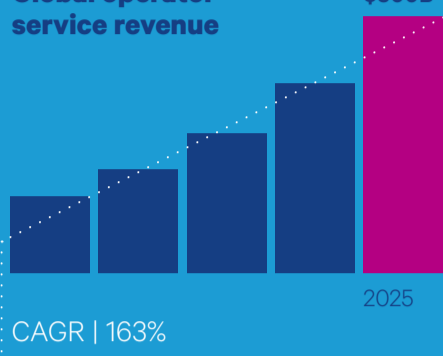
CLOUD

In **remote regions**, healthcare professionals can improve care by accessing patient information and research results in the cloud.



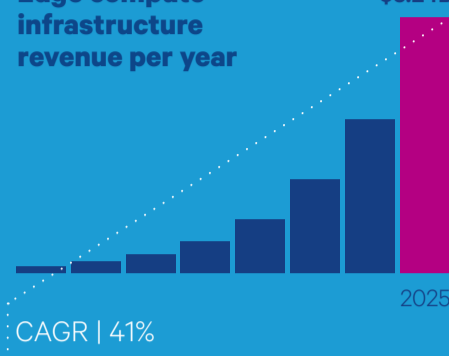
5G

Smart grids enabled by 5G can improve efficiency by a **factor of ten** by connecting numerous unconnected devices, and monitoring their energy consumption.



EDGE

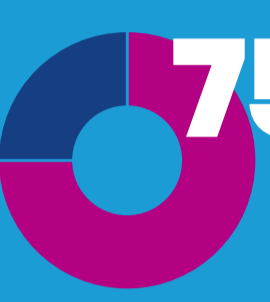
In an agile world, network operators need to push 1GB+ software updates to over **tens of thousands of end points** at once.



of enterprises already use at least one cloud-based application



of companies in transportation, manufacturing, and healthcare plan on using 5G-enabled solutions by 2020



of enterprise-generated data will be created and processed outside of a centralized data centre or cloud by 2025

MEETING DEMAND INTELLIGENTLY

To meet this demand, the industry needs to build networks in a fundamentally different way to be:



More intelligent



More agile



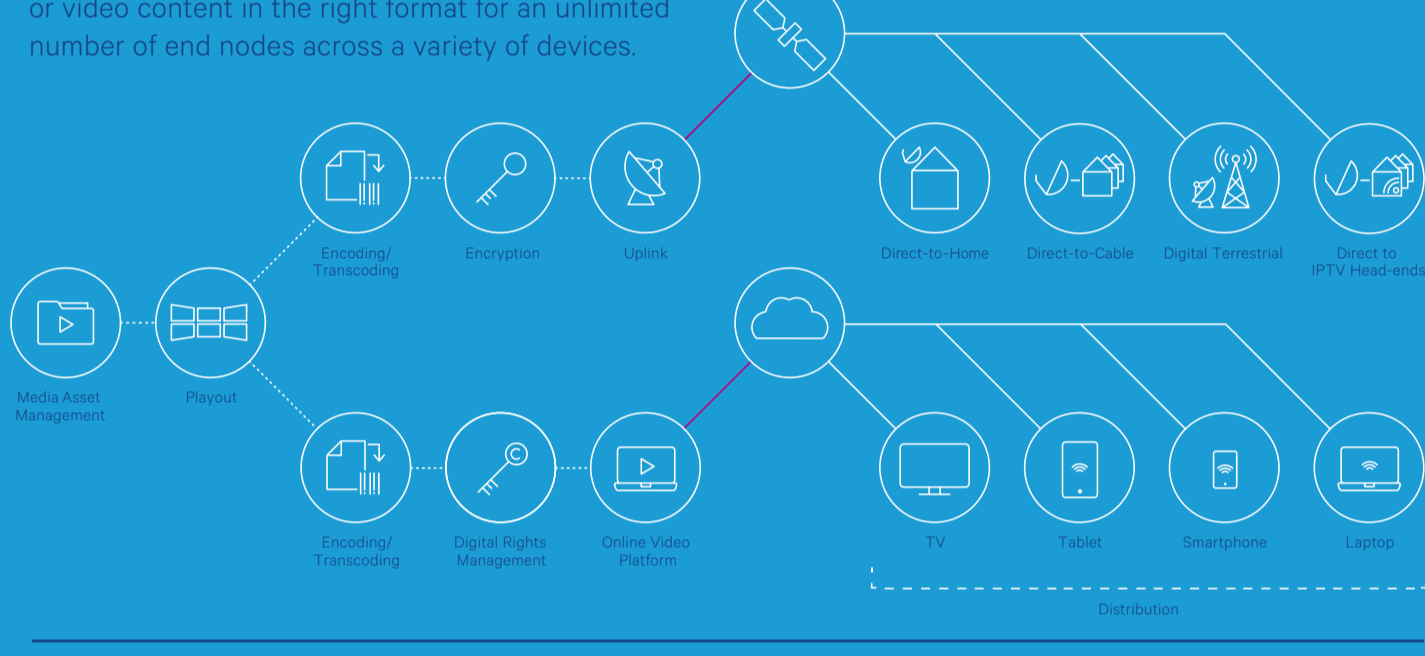
More resilient



Multi-access capable

CONTENT ORCHESTRATION

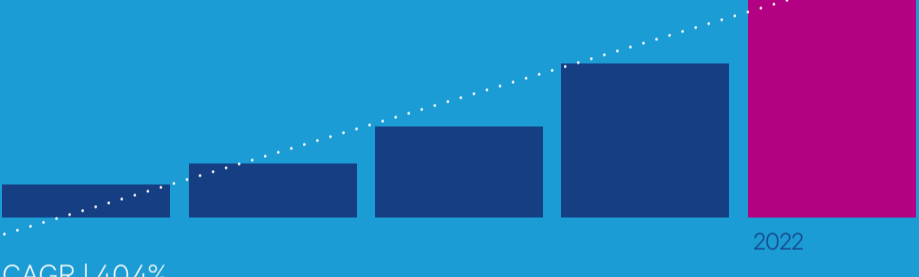
Content orchestration platforms help you monitor and manage the entire workflow of delivering your data or video content in the right format for an unlimited number of end nodes across a variety of devices.



SD-WAN

Software-driven wide area networking (SD-WAN) enables intelligent load balancing across our GEO and MEO assets, empowering multi-access networking, application-aware content steering, and maximising the efficiency, resilience, and availability of the network.

SD-WAN infrastructure revenue



of enterprises expect to use SD-WAN in the next two years

FUTURE-READY HYBRID NETWORKING

SES is ready to meet the ballooning demand for connectivity created by the adoption of 5G, cloud, and edge computing. Our comprehensive solutions are adaptable to the needs of any vertical, and our satellites cover 99.9% of the Earth.



Any content
Whether you're delivering video or data content, we'll get it to wherever it's needed in the most effective way



Any device
We deliver using the right standards, technologies, and architectures to make your multi-access strategy work



End to end
Our partner ecosystem ensures we can deliver a complete managed solution for each customer's business case



Plug and play
We embrace the most common standards from the open networking community to ensure interoperability



Responsive
As the demand for connectivity continues to evolve, we will work to meet the needs of the networking community

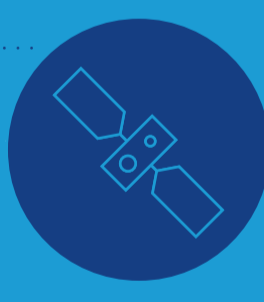
Active antenna for digital beam forming



SES NEXT—GEO

Our next generation of geostationary satellites incorporate the **latest technology**, including software-defined networking (SDN), and reconfigurable on-board beam-forming on the fly. SES NEXT delivers cloud to the edge at cloud scale.

Terabit-scale constellation



O3b mPOWER—MEO

O3b mPOWER is the future of cloud-scale networking, delivering **flexible, highly reliable**, low-latency local connectivity. Powered by a constellation of seven next-generation satellites with more than **5,000 beams per satellite**. O3b mPOWER takes you to the cloud at cloud scale.



Aero



Government



Enterprise



Maritime



Energy



Telco



SES 360—CONTENT ORCHESTRATION

Our management platforms give you a **360° view** into how your networks are operating, and help you plan and optimise your workflows to deliver the right content, in the right format, to the right location.



INTELLIGENT NETWORKING

As the only MEF-certified satellite services provider, our solutions **plug and play** with SD-WAN and existing technologies, routing traffic in the most efficient path, depending on its priority and type.

READY FOR BROADCAST-GRADE CLOUD DELIVERY?

Learn how SES enables your business and end users to grasp every cloud-based opportunity you come across.