



# wave

Managed Services

hispasat<sup>••</sup>

A large, abstract graphic on the left side of the page. It features a silhouette of a person standing and looking out over a city at night, with many lights visible. The background is a gradient of blue and white, with a large, stylized 'W' shape that frames the person and the city. The word 'wave' is written in a large, lowercase, sans-serif font, with the 'w' and 'v' having a blue-to-white gradient.

# wave

**Hispasat Wave is a flexible, wholesale and partnership first approach to offering managed services for ISPs, telcos, media companies and governments that combine state of the art satellite managed services platforms and value-added solutions.**

From internet access for rural communities to backhauling of 3G, 4G and 5G links, premium live video delivery and distance learning – our coverage is supported by a network of local delivery partners.

We build solutions tailored to specific market needs and business models, backed by sustained joint investment alongside our customers. This enables us to build deeper, trusted relationships that combine expertise and professionalism with a personal touch.



**End-to-end managed  
connectivity and  
video services**



**Business models designed  
to offer the best solution**



**Extensive coverage  
in the main regions**



**Flexible products  
and services**

## HIGH PERFORMANCE

Our technical expertise can help deliver value-added capabilities such as teleports, IP infrastructure, HUBs and video platforms to enable our partners to focus on the sectors they serve, such as consumer broadband, corporate services, industrial M2M applications and the maritime sector, among many others.

## RELIABLE SERVICE

Wave managed services brings together our satellite capacity, multivendor service platforms, 24/7 support and management for our partners and their clients to provide best-in-class solutions and services.

## FLEXIBLE AND SCALABLE

With a high capacity for high-speed remote communications, Hispasat Wave combines best-in-class satellite communication to reinforce and extend existing networks, delivering seamless connectivity and video in every environment adapted to customers needs .

## INNOVATIVE SOLUTIONS

We create solutions that break away from the traditional through new partnerships and a range of pioneering and strategic products and services that bring differential value to Wave managed services. Our ecosystem of technology partners helps us build an innovative portfolio that is in constant evolution.

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We enable cost efficient service delivery through the best talent, technologies and partnerships.

We have gained a reputation over the last 25 years for excellence with a 'personal touch', organically growing as a trusted international wholesale satellite services provider and market leader in the Iberian Peninsula and Latin America.

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## NETWORKS

Hispasat Wave Networks combines our satellite fleet with an extensive terrestrial infrastructure to meet the connectivity needs of broadband access, mobility and backhauling customers.

We use our expertise and local partnerships to ensure connectivity in unconnected areas. Through our technical design and delivery expertise, we help to expand coverage beyond terrestrial network deployment and use the most efficient technology platforms to ultimately provide better, unified services with more reliability at a lower overall cost.

Meet the Wave Networks family:



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## VIDEO

Hispasat Wave Video helps operators, broadcasters and TV channels reduce costs while extending audience reach. Our end-to-end platform model combines satellite capacity with signal processing and uplink services to deliver highly efficient distribution.

We take a pragmatic and flexible approach to create managed video service products that meet the needs of each unique use case and can scale and adapt as the market evolves, making channel aggregation and distribution easier and more cost-effective at a global scale.

Meet the Wave Video family:





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## NETWORKS

Hispasat Wave Networks brings together satellite capacity with multivendor managed service platforms, 24/7 support and management portals to enable customers and partners to offer best-in-class connectivity services.

Today, we manage more than 45 Gbps of capacity, enabling leading service providers to connect more than 10,000 terminals and hundreds of thousands of people to the internet.

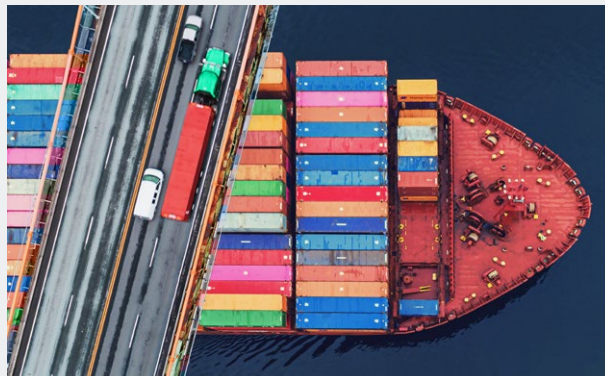


## TELECOMMUNICATION AND INTERNET SERVICE PROVIDERS

**Seamlessly and cost effectively extending the reach of telecommunications.**

Hispasat Wave delivers connectivity services to the hardest to reach places to ensure all your customers benefit from broadband connectivity and cellular coverage.

Telecommunications and internet service providers must serve the diverse needs of customers that require connectivity services delivered with the highest performance and reliability serving rural communities. Hispasat Wave offers a range of managed services including internet access via satellite, cellular backhaul and Wi-Fi hotspots, complemented with service integration and management as a complete end-to-end solution by utilising the best regional partnerships.



## AIR, MARITIME AND LAND

**Flexible access to networks and video across land, sea and air.**

Hispasat Wave provides you onboard connectivity and video to inform, educate and entertain your customers anywhere and everywhere.

Wave offers a portfolio of managed mobility services, that in collaboration with specialist partners, provide flexible network services for a wide range of use cases. Our services span maritime including commercial, leisure and extractive platforms; aviation for both commercial and private airlines and terrestrial transportation such as trucks, coaches and buses. Hispasat's expertise also includes the rail transport sector. Each day, the Hispasat satellite network provides connectivity services to seaborne vessels, remote locations used by the oil, gas and extractive industries, trains, buses, and trucks used by logistics companies and private travellers.

**Unlimited on board:**



Digital platform for content



Onboard sensor network



High-speed transport



All types of vessels



## GOVERNMENT, DEFENCE AND EMERGENCY SERVICES

**Reliable and agile connectivity services where it matters most.**

Wave helps you provide connectivity to protect and respond to the needs of your constituents in the most isolated rural communities.

Government departments, including defence, civil administration and emergency services are tasked with meeting the needs of rural populations. In our modern, digital age, many of these requirements rely on the availability of connectivity to support health, safety, education and security initiatives that improve the lives of people in every nation. Wave can provide the 100% regional coverage needed to ensure that all communities can access government programmes, while providing emergency services with access to the communication tools needed to respond quickly and effectively to any situation.

**Discover the key applications:**



Teleeducation



Telemedicine



Emergency



IoT

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## VIDEO

Demand for video content is growing faster than any other medium. Satellite is the best way of efficiently delivering 100% coverage of linear video across vast geographies. Hispasat Wave offers a range of managed video services to support video onboarding, encoding and transmission for headend and Direct-To-Home use cases.

Alongside its satellite fleet, Hispasat's leading ground infrastructure includes the Hispasat Peru teleport facilities in Lurín, one of the largest teleports in Latin America, that merges state of the art technology infrastructure with a highly experienced human team. Hispasat Wave provides a flexible portfolio of service capacity leasing, channel processing and uplink infrastructure, and monitoring and support to serve a wide range of video customers - 24 hours a day, 365 days per year.

Today, Hispasat Wave supports the delivery of over 400 TV channels to more than 1 million DTH subscribers and 10,600 cable providers, connecting millions of people with video content every day.





## END TO END SOLUTION FOR DTH SERVICES

**Direct-To-Home Broadcasting (DTH) services enable television and radio channels to be received directly from satellites to home antennas.**

Satellite DTH ensures robust and reliable communications for efficiently delivering TV content to audiences. Hispasat's satellites cover the entire region, allowing service providers and broadcasters to offer television services to 100% of the population.

In addition to satellite capacity, our high-performance, proven infrastructure enables Hispasat to offer a complete range of scalable managed services that enable operators to focus entirely on increasing their service sales.



## DISTRIBUTION SERVICES

**Making channel aggregation and distribution easier and more cost-effective at a global scale.**

We provide highly efficient channel distribution services using an end-to-end platform model that combines the traditional capacity leasing business with reception, signal processing, content protection and uplink services to build a complete solution. Our Wave managed services help operators, broadcasters and TV channels reduce costs while extending the reach of their content to the widest possible audience.

We take a pragmatic and flexible approach to create managed video service products that meet the needs of each unique situation and can scale and adapt as the market evolves.



## OTT VIDEO

**Enabling operators, ISPs, and regional content companies to offer high quality, multi-screen entertainment experiences.**

Hispasat's advanced OTT streaming solution empowers providers to increase audience engagement, drive business transformation, improve customer retention and expand subscribers.

The platform supports linear and VoD content together with features including catch-up TV, network PVR, multiple audio and subtitles, EPGs, parental control, search and recommendations.

It can be offered through operator-branded user applications on different devices, including SmartTVs and hybrid Set-Top-Boxes (STB).



# Why hispasat<sup>••</sup>

Hispasat is a satellite telecommunications operator with a strong presence in the Iberian Peninsula and Latin America. We are the 8th operator worldwide with more than 30 years of experience and the 4th satellite operator in Latin America.

We have a strong position in high-growth markets, with a well-established strategic customer base. We are the leading distributor of content and connectivity services in Spanish and Portuguese speaking countries and the main telecommunications bridge between Europe and America.

Hispasat offers a wide variety of video and connectivity services through different business models adapted to our customers' needs that allow to deploy satellite services in a simple and efficient way.





For more information on our  
Wave managed services speak  
to a member of our team.

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[www.hispasat.com](http://www.hispasat.com)

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