

Innovation for full connectivity

Elewit and Hispasat launched a challenge to simplify the installation process of the satellite connection antenna

This will allow us to use technology in a more universal and efficient manner, also improving the times required by specialised technicians.

This initiative allows the intensification of the roll-out of wideband in rural and remote areas.

The call, directed at the whole entrepreneurial ecosystem, will be open until September 30th.

Madrid, June 28th 2022

Elewit and Hispasat, Redeia's technological platform and satellite solutions and services provider respectively, jointly launched a technological innovation challenge seeking proposals to develop new systems to prop up satellite connection antennae. This call will be open until September 30th for start-ups, technology centres, research, and professionals in the field of telecommunications.

"The goal of this challenge is to simplify and optimise the current satellite device installation process, reducing the time spent by specialists and allowing for a more aggressive roll-out of wideband in rural and remote areas", stated José Luis Serrano, Innovation manager at Hispasat.

By using its geostationary satellites, Hispasat rolls out connectivity solutions that, for fixed environments, require installing an antenna (VSAT) pointing precisely at the satellite to provide the service. So far, this installation requires a certain degree of knowledge from professionals to achieve a precise set-up.

"With this challenge, we move forward in Redeia's proposal to extend universal and inclusive connectivity accessible for everyone. Satellite connectivity has a great potential to achieve this goal," points out Silvia Bruno, director of Elewit.

Versatility and simplicity, key in this challenge

The proposals submitted will have to offer simplicity, usability, compatibility, scalability, and evidence of their innovative nature. In particular, it is demanded that they offer an assisted prop-up system valid for an installation requiring anchoring the antenna to a roof or a wall. Furthermore, they must

allow roll-out throughout the land where an antenna cannot be anchored or when there is no time to do so.

In addition, the system must be capable of thickly propping up the antenna in a precise and simple way (azimuth and lifting) based on the relative latitude and longitude of the antenna's position. It would be especially valuable that that relative latitude and longitude positions were known by the system in the most precise manner possible.

Designs are applicable to all or some of the VSAT listed (Ka, Ku bands, and Gilat and Hughes technologies). The design proposed must look for and state the best location for installing and propping up the VSAT.

Additionally, the designs must have a guide or a similar document to facilitate assembling the antenna, whether in Ka or Ku, as well as setting up the modem according to its technology and model.

On the other hand, the call seeks designs valid for its application in different geographical areas, particularly throughout Spanish and Latin American territory, where Hispasat Group provides its services.

The prize for the winning proposal will consist of carrying out an innovative pilot project that allows them to move forward ~~in~~ with the design proposed with Hispasat's support.

About Elewit

It is Redeia's technological platform. We were founded in 2019 to offer solutions to the new challenges in the electricity and telecommunications sectors. Our goal is+ to promote energy transition and connectivity to create a sustainable future. Thus, Elewit focuses its activity on nine impact areas and nine key technologies.

www.elewit.ventures

About Hispasat

Redeia's satellite service operator and supplier, HISPASAT, offers broad band and satellite connectivity solutions including Internet access, mobility and extension of mobile networks, as well as other added-value solutions to governments, corporations, and telecommunications operators in America, Europe, and the North of Africa. It is also a leader in the dissemination and distribution of audiovisual content in Spanish and Portuguese, including the broadcasting of important DTH and TVAD digital platforms, as well as the management of audiovisual transmission and signal from HISPASAT Peru's teleport in Lurin. HISPASAT, incorporated by companies present both in Spain and Latin America, where its Brazilian subsidiary company HISPAMAR is located, is one of the main worldwide companies by turnover in its industry and the main communications bridge between Europe and America. www.hispasat.com

redea

El valor de lo esencial

Press release

gabinetedeprensa@ree.es
www.ree.es > Press office
Tel. 91 453 33 33 / 32 81 - 91 728 62 17