

# Fixed Earth Stations

In response to fixed satellite telecommunication earth stations requirements, Satellite Networks offers customized solutions using off-the-shelf hardware to fit your needs.

We design solutions for C- and Ku-Bands and SCPC/MCPC point-to-point or point-to-multi-point networks. We also offer a wide range of options, including local area network access, which we configure to meet your system-specific requirements.

With our worldwide experiences in designing and implementing complex infrastructure programs such as satellite multimedia broadcasting systems, satellite gateway facilities, and satellite/wireless communications projects, our engineering team has the credentials and experience that you can count on to meet your needs. No other company can bring together the hardware and the know-how like Satellite Networks.

But don't take our word for it – look at what we've already done:

As part of its plan for building the next generation South Pole Station, the National Science Foundation began a project in early 2000 in Antarctica, to implement a 9-meter earth station to permit satellite communications. The environmental challenges included – wind speeds approaching 50 mph, temperatures reaching -80°C, and very low look angles to the satellites themselves. The system had to be autonomous, consume little energy, and be very reliable. L-3 Satellite Networks was the vendor of choice to meet the challenge.



We have also implemented complex projects for air traffic control systems, mobile communications, and various television and other media systems. We believe we are the company that has the experience you need and the reputation you can trust when it comes to a satellite network solution.

And remember, our relationship just begins at the point of sale. We offer the most comprehensive support services in the industry, you can count on us to be with you every step of the way.



**communications**  
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