

A telecommunications port—or, more commonly, teleport—is a satellite ground station that functions as a hub connecting a satellite or geocentric orbital network with a terrestrial telecommunications network, such as the Internet. Teleports may provide various broadcasting services among other telecommunications functions,[4] such as uploading computer programs or issuing commands over an uplink to a satellite. A ground station, earth station, or earth terminal is a terrestrial radio station designed for extraplanetary telecommunication with spacecraft, or reception of radio waves from an astronomical radio source. Ground stations are located either on the surface of the Earth or in its atmosphere.[1] Earth stations communicate with spacecraft by transmitting and receiving radio waves in the super high frequency or extremely high frequency bands (e.g., microwaves). When a ground station successfully transmits radio waves to a spacecraft (or vice versa), it establishes a telecommunications link. A principal telecommunications device of the ground station is the parabolic antenna. Ground stations may have either a fixed or itinerant position. Article 1 § III of the ITU Radio Regulations describes various types of stationary and mobile ground stations, and their interrelationships. Specialized satellite earth stations are used to telecommunicate with satellites—chiefly communications satellites. Other ground stations communicate with manned space stations or unmanned space probes. A ground station that primarily receives telemetry data, or that follows a satellite not in geostationary orbit, is called a tracking station. When a satellite is within a ground station's line of sight, the station is said to have a view of the satellite. It is possible for a satellite to communicate with more than one ground station at a time. A pair of ground stations are said to have a satellite in mutual view when the stations share simultaneous, unobstructed, line-of-sight contact with the satellite. Teleports are also known as Satellite Uplinks, Satellite Downlinks, Digital Media Centers (DMC and Broadcasting Centres. Teleports may be operated by governments, television broadcasters, television and movie studios, radio stations, satellite operators and independent operators. Teleports may offer value added services (VAS) such as colocation (Colo), data centers, fiber connections, carrier hotels, VSAT services and Outside Broadcast (OB) or mobile Digital Satellite News Gathering (SNG or DSNG), flyaway, BGAN and other portable mobile satellite uplinking solutions.

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WTA Names Elara's Jorge Luis Villarreal Schutz 2015 Teleport Executive of the Year

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(New York, NY – 19 February, 2015) - The World Teleport Association today announced that Jorge Luis Villarreal Schutz, CEO of Mexican-based Elara Comunicaciones, has been named as its 2015 Teleport Executive of the Year. Mr. Villarreal Schutz will be honored during WTA's [Teleport Awards for Excellence luncheon](#) on March 17 during SATELLITE 2015. The Teleport Executive of the Year award is presented to an individual for demonstrated entrepreneurship, leadership and innovation in the development or operation of a teleport-based business.

A successful entrepreneur with more than 20 years of experience in the satellite industry, Villarreal Schutz is the founder of an outstanding telecommunications company that has transformed satellite connectivity. His company has excelled in ethics, professionalism and commitment, continuously fostering the use of tailor-made satellite solutions through values such as customer service, honesty, teamwork and innovation, allowing him to reach others and generate a positive impact by providing satellite technology in new frontiers.

"The 20th anniversary of the awards has produced a Teleport Executive of the Year from a part of the world which, two decades ago, had not yet made its mark in the industry," said WTA Director of Development Lou Zacharilla. "Jorge is not only an excellent tactical leader focused on customer service systems and innovation, he also has enabled his company to profitably address the most pressing economic issue in Latin America, the digital divide. Under his leadership, Elara is part of a digital inclusion effort with the government of Mexico that provides coverage to more than 3,000 small villages. His teleport helps make a better world."


During the 2015 Teleport Awards for Excellence luncheon ceremony, sponsored by SES, WTA will also honor its Independent Teleport of the Year and Teleport Technology of the Year. The luncheon begins at noon on the 17th of March and is free to WTA members who register. Attendance is also available on a paid basis to non-members. Registration is available online at www.worldteleport.org.

In addition to Mr. Villarreal Schutz, the list of Teleport Executive of the Year alumni includes Avi Cohen, CEO of RR Media; Bill Tillson, Co-CEO of Encompass Digital Media; Adrian Ballintine, Founder and President of NewSat Ltd.; Jaime Dickinson, President of NewCom International; Doug Tutt, Chief Operating Officer and President of Global Energy Services, CapRock Communications; the late Kenneth Miller, President and Chief Operating Officer, Globecomm Systems; David Rivel, Founder & CEO, RRsat Global Communications Network; Nick Thompson, Managing Director, Arqiva Broadcast & Media; Brent J. Gale, Vice President of Satellite and Broadcast Operations, EchoStar; and Norberto Alvarez Vitale, President, Teleport Internacional



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About World Teleport Association

Since 1985, the World Teleport Association (www.worldteleport.org) has focused on improving the business of satellite communications from the ground up. At the core of its membership are the world's most innovative operators of teleports, from independents to multinationals, niche service providers to global carriers. WTA is dedicated to advocating for the interests of teleport operators in the global telecommunications market and promoting excellence in teleport business practice, technology and operations.

For More Information

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