

# PEACESAT EARTHSTATION

The PEACESAT network provides voice teleconferencing, access to electronic mail, web applications, and interactive video conferencing. There are varying levels of earth stations, see Table 1.

<b>Table 1: Types of PEACESAT Earth Stations</b>		
<b>Earth Station Type</b>	<b>Antenna Size</b>	<b>Services</b>
Standard	3 Meter	<ul style="list-style-type: none"> <li>• Voice, Data, Fax</li> <li>• 3 Full Duplex, 9 Half Duplex Analog Circuits</li> <li>• Phone Patching</li> <li>• 9.6 Kbps Data Rate</li> <li>• Manual Tracking</li> </ul>
Digital Upgrade	3 Meter	<ul style="list-style-type: none"> <li>• Same Services as Standard</li> <li>• Autotrack Controller</li> <li>• Digital Modem Interface</li> <li>• Digital Satellite Modem</li> <li>• Digital Data Speeds from 32Kbps to 128Kbps</li> <li>• Single-Axis Autotracking</li> </ul>
Emergency Management	3.5 Meter	<ul style="list-style-type: none"> <li>• Same Services as Digital Upgrade</li> <li>• Radome Protects Dish up to 150MPH Winds</li> </ul>
EMWIN	1-2 Meter	<ul style="list-style-type: none"> <li>• Simplex (Receive Only)</li> <li>• Receive Data Transmissions</li> <li>• 9.6Kbps Data Rate</li> <li>• Fixed &amp; Dual-Axis Autotracking</li> </ul>
Network Hub Site	6-10 Meter	<ul style="list-style-type: none"> <li>• Capable of Supporting Multiple Simultaneous Voice, Data, &amp; Video Conferencing Connections</li> <li>• Capable of Broadcasting Data &amp; Video Conferencing</li> <li>• 3 Full Duplex, 9 Half Duplex Analog Circuits</li> <li>• Phone Patching</li> <li>• Capable of Broadband Data Transmissions</li> <li>• Dual-Axis Autotracking</li> </ul>