

Comtech EF Data is pleased to announce Vipersat Management System (VMS) release 3.6 which addresses the market requirements for Satellite on-the-Move (SOTM) capability. This release provides enhanced satellite roaming performance, global map network views, Virtual Network Operator (VNO) capabilities, and dynamic network tuning parameter controls. VMS release 3.6 works in conjunction with a new product, the Roaming Oceanic Satellite Server (ROSS), Comtech EF Data modems, and RF equipment to provide the Comtech EF Data satellite mobility solution.

This release delivers significant benefits for satellite service providers. The VNO capability allows network operators to increase the size of their target customer base by using hierarchical management techniques, i.e., management tools provided to the customers of their customers. The network operators' customers, the VNOs, gain benefit from a lower barrier to entry for them to provide satellite network services, and to scale gracefully as network requirements grow. The release also offers benefits to satellite service providers addressing mobile remote sites. Release 3.6 provides seamless services to mobile platforms, even while transitioning between satellite beams, between different satellites, and between different teleports. Satellite service providers may now aggregate single satellite beams into larger service areas to provide regional, hemispheric, or global coverage while using lower cost capacity.



The VMS topology display of the managed system has been enhanced with a three-dimensional globe view of the network. The globe view displays the real-time status and operation of the network dynamically. Satellite terminals are automatically populated onto the global network with their location and heading. Their actual movements are dynamically tracked and displayed on a global map. The globe map display size, terminal location, rotation, and lighting source are customizable by the operator.

Basic VMS functions of modifying the routing information, header compression, payload compression, and the number of Quality of Service (QoS) rules defined have all been enhanced with dynamic controls. These functions are used in the exchange of control messages and traffic between the Comtech EF Data modems and the VMS. The enhanced dynamic controls can now be implemented on the system in real-time without requiring any reboot or re-initialization.

For additional detail on the features described above, please refer to the datasheets and user documentation available on our web site, www.comtechefdata.com. To place your order, please contact your Comtech EF Data sales associate.



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