



ENTERPRISE



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# Vocality

Uniting disparate voice  
and data networks in the field



Secure VPN



Encryption



VoIP



TETRA over Satellite  
OR Radio over Satellite



Compression &  
Optimisation

THURAYA 

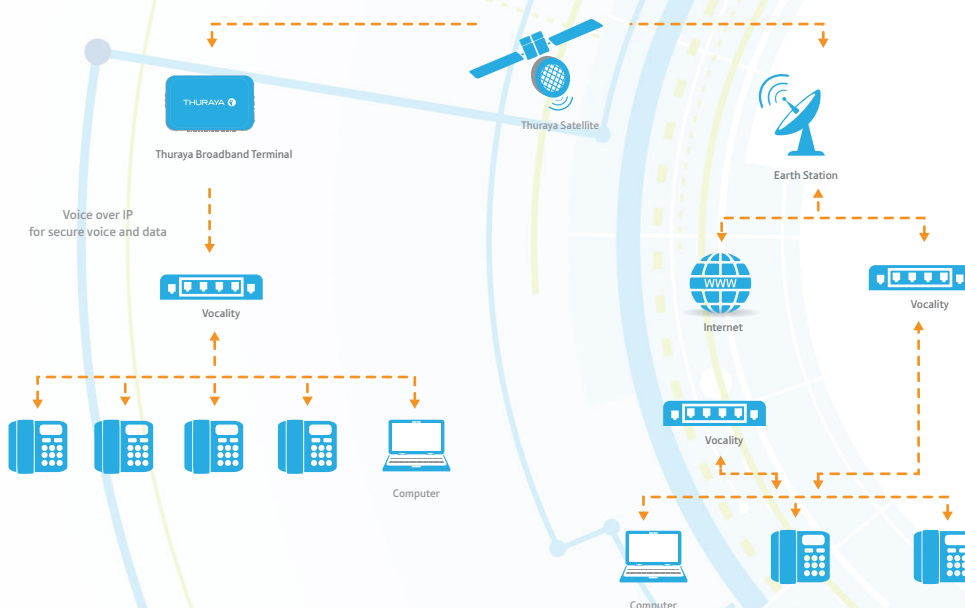
## About Vocality

Streamlined communications are essential to any agency that operates in a mission-critical environment, where delays in the sharing of information could prove costly. Vocality (now part of Cubic Corporation) has teamed with Thuraya to offer a simplified yet secure approach to the rapid deployment of networking, voice and IP solutions via Thuraya's IP broadband terminals and network. This includes push-to-talk radio, telephone, video and data.

Vocality uses a range of hardware- and software-based products to deliver highly secure, bandwidth-efficient voice and data communications. Its Pro Series units – such as the portable V150 and V50plus – are rugged voice and data multiplexers that can be deployed in the field or at headquarters. These devices support BASICS Radio Relay, which allows a Thuraya IP broadband terminal to operate as a remote radio base station, with up to four radios connected to the IP infrastructure.

## How does it work over Thuraya IP broadband terminals?

All Vocality multiplexers use the same software and their management interface is nearly identical, so all are interoperable. Connection ports include voice, Ethernet, serial data and ISDN. Signals from radios, computers and other devices connected to a multiplexer in the field are converted to an IP-compatible format and routed on to the Thuraya IP broadband network via a Thuraya IP broadband terminal. The signals are decoded by Vocality multiplexers at the receiving end. The solution will allow different radio networks to be joined together via satellite, and BASICS Radio Relay will interconnect radios with SIP-based (session initiation protocol) voice networks.



## Who uses this solution?

Vocality has an established global client base of customers in the energy, enterprise, government, marine, media and relief sectors. It is valued by users who need to unify disparate communications channels – for example, by cross-connecting different radio networks or connecting multiple radios operating on different bands. Vocality's network routers are controlled by its proprietary operating system, VOS. This includes features that ensure it is ideally suited to tactical and satellite applications.

## Thuraya IP broadband terminals certified to work with Vocality:

Thuraya IP, Thuraya IP+, Thuraya IP Voyager, Thuraya Orion IP and Thuraya Atlas IP

## Support

For help and support, please contact:  
 Thuraya: [customer.care@thuraya.com](mailto:customer.care@thuraya.com)  
 Vocality: [support-europe@vocality.com](mailto:support-europe@vocality.com)