

# BASICS

ENABLING MISSION CRITICAL COMMUNICATIONS

Remote Satellite Systems  
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BASICS range

# RAPIDLY DEPLOYABLE VOICE AND IP SERVICES

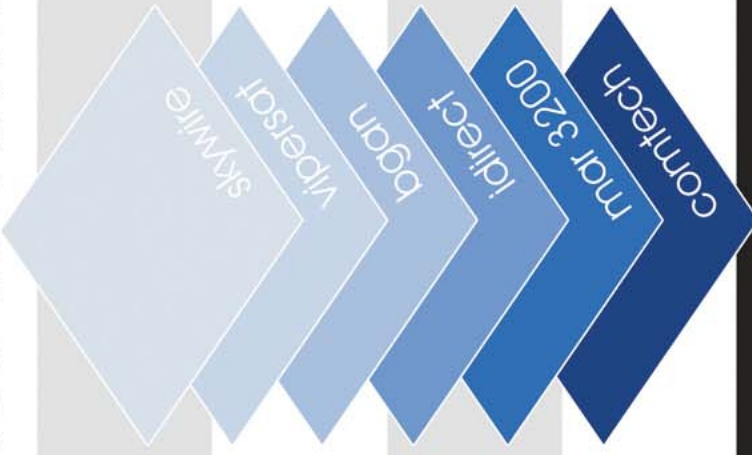
FOR THE SATELLITE NETWORK OPERATOR AND INTEGRATOR

**YOU WANT**    **YOU NEED**    **YOU GET**    **YOU USE WITH**

VOICE

BASICS voice

- ANALOGUE VOICE OVER IP:
- 2 OR 4 VOICE CHANNELS
  - SIP BASED VOIP
  - BANDWIDTH EFFICIENT
  - IDIRECT & CISCO CALL MANAGER COMPATIBLE
  - CISCO MAR COMPATIBLE



SECURE VOICE

BASICS secure voice

- BANDWIDTH EFFICIENT SECURE VOICE RELAY:
- STU III & STE & STU IIB & SCIP / FNBDT
  - EPICOM, MILSEC-1A
  - GENERAL DYNAMICS SECTERA / TALK SECURE
  - CRYPTO AG, TCC AND MANY MORE

FOUR WIRE/PTT

BASICS four wire

- REACHBACK OR RANGE EXTENSION:
- 2 OR 4 FOUR WIRE AUDIO CHANNELS
  - ISOLATED TRANSMIT AND RECEIVE
  - E&M SIGNALLING SUPPORT
  - CISCO MAR & TWISTED PAIR 'WAVE' COMPATIBLE

PEP/ROUTING

BASICS ip

- POWERFUL ROUTER:
- BANDWIDTH AND QOS MANAGEMENT
  - DHCP SERVER AND CLIENT
  - RIP, DNS, OSPF, SPANNING TREE
  - PEP/TCP ACCELERATION
  - PACKET AGGREGATION

Vocality's multi-function routers and multiplexers are used in their thousands in satellite networks worldwide. Vocality has, one by one, taken the core functionalities from these devices and extracted them to produce significantly lower cost, standalone units so operators with a single requirement need can address it with the BASICS unit that suits them.

**STANDALONE**  
FOR QUICK AND EASY DEPLOYMENT



**OEM READY**  
FOR QUICK AND EASY INTEGRATION



CONNECTING INTO WIDELY USED IP SYSTEMS AS WELL AS VOCALITY (FOR LINK OPTIMISATION AND BANDWIDTH EFFICIENCY)



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