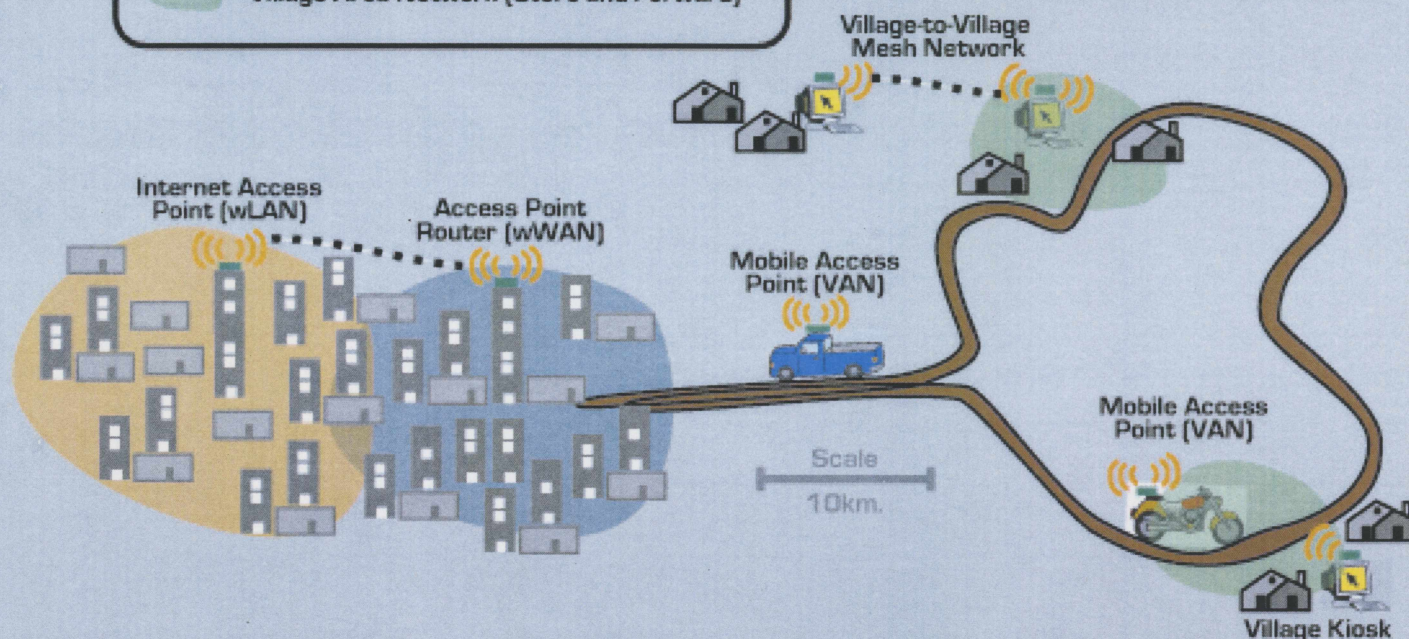


Village Area Network

Legend

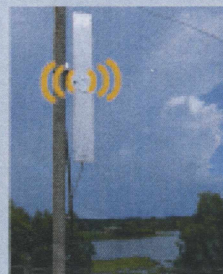
-  FMS VAN-APX Networking Kit
-  WiFi Data Transmission
-  WiFi Local Area Network (wLAN) and ISP
-  WiFi Wide Area Network (wWAN)
-  Village Area Network (Store-and-Forward)



Satellite Internet Uplink and wLAN



Access Point Router for wWAN



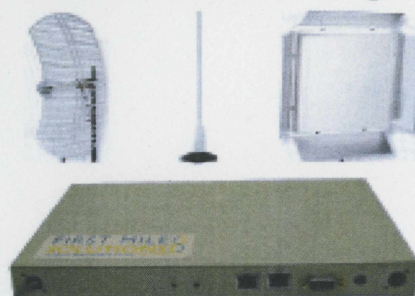
Mobile Access Point for VAN



Village Kiosk and Fixed Access Point for VAN



VAN-APX Networking Kit



Turn-Key Access Point for wLANs, wWANs, and Village Area Networks including V-to-V Mesh Capabilities

Easy to set up, maintain, and expand

Designed for rugged, outdoor use in low-power environments

We provide initial on-site training

Affordable, scalable rural communications infrastructure!

Specifications

IEEE 802.11b/g interface at 2.4Ghz

2 10/100 Mb Ethernet ports

1 Serial Port

64MB SDRAM

256-512MB CF-based Memory

Accepts 8-14v DC Power Supply

Operating Temperature 0-60 °C

wLAN/wWAN supports VOIP apps

VAN specific features:

Avg drive-by "goodput" = 2.47Mb/s

Supports up to 3-Tier P2P Mesh Network

Audio and Visual Feedback

Includes Windows/Linux Compatible client software

SMTP client platform supports email, cached web browsing, voice mail, and integration with several end-user applications

Available March 2004 from:

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