

POCKET DTS

Messaging Software



Low cost, compact, commercial off-the-shelf secure data solution.

Handheld Data Comms - Using COTS, Windows CE/ Pocket PC PDAs

ViaSat's Pocket DTS software, when used in conjunction with the VDC-200, 300 or 600, lets you send messages and files from your Win CE/Pocket PC handheld PDA over portable communications equipment such as the AN/PSC-5, AN/PRC-117F, AN/PRC-119, AN/PRC-150, AN/PRC-148, STU/STE, and others. Files and messages are sent using ViaSat's proven MIL-STD-188-184 technology in the VDC-200 Compact Data Controller, VDC-300 Airborne Data Controller, or VDC-600 Personal Data Controller.

Light Weight - Low Cost - Commercial Using VDC-400

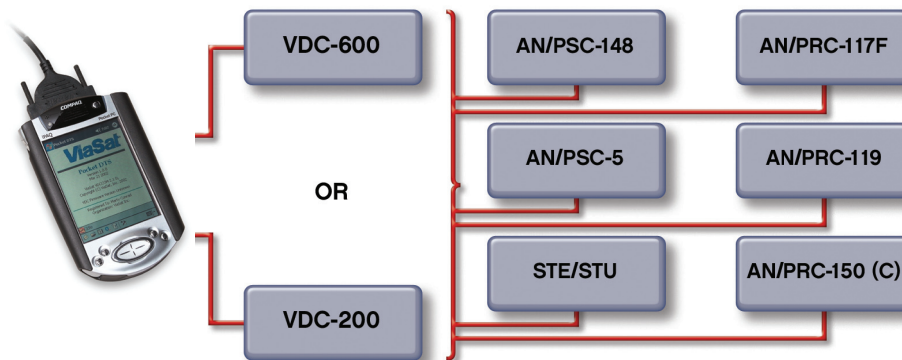
This revolutionary product together with a handheld or manpack radio, and VDC-600 provides VDC-based data communications in a smaller, less expensive, and more portable commercial off-the-shelf package than ever before. ViaSat's Win CE/Pocket PC application "Pocket DTS" will provide a simple user interface for message composition and for viewing received messages. The application also allows files to be sent from the handheld device. When used with the various PDA models containing removable media cards images captured with a standard digital camera can also be transferred.

Mobile Operation - Using VDC-200 or VDC-300

The VDC-200 and VDC-300 run off 8-32 volts DC. A battery pack is available for the VDC-200 which uses 12 x "AA" commercial batteries for 6-8 hours of normal operation (9:1 RX to TX ratio assumed). BA-5590 batteries may also be used. The newest VDC-200/300 has increased data rates to 128 Kbps and reduced power consumption by half, thus doubling mission life when using batteries. This modification is available as an upgrade to existing VDC-200/300s.

Enhanced Error Correction - Quick Transfer, even with poor channel

A combination of Forward Error Correction (FEC) and Automatic Request for retransmission (ARQ) with a unique application of diversity combining, transfers user data as quickly as possible. These powerful error correction techniques send data over poor quality channels with bit error rates in excess of 15%, as long as the radios and encryption devices are able to perform. The VDC-200/300/600 adapts the amount of FEC overhead to optimize throughput and reduce airtime, limiting the exposure to RF detection and location, and minimizing channel loading.



ViaSat has set up a forum to help VDC users exchange ideas and experiences with our products. Feel free to visit our VDC Forum at: <http://www.vdcforum.com> for useful information from other endusers.

West Coast
6155 El Camino Real
Carlsbad, CA 92009
Sales: 760.476.4755
888.ViaSat.1
Fax: 760.929.3938
Email: vdcsales@viasat.com

East Coast
849 International Dr., Suite 145
Linthicum Heights, MD 21090
Sales: 410.684.3000
Fax: 410.694.0303
Email: vip@viasat.com

Technical Support
Tel: 760.476.4754
888.ViaSat.4
Fax: 760.929.3938
Email: adc@viasat.com
Web: www.viasat.com/datacontrollers/support

