

## VT6120/VT6122 Software Package (VNT version): 2.2

### 1. Major changes in this software packages

1.1. Fix WinSetup failure of software package release 2.1.

### 2. Notice

2.1. All the drivers included in this software package are free for the vulnerability of Ethernet frame padding information leakage issue reported by @stake Inc. in Jan 2003.

2.2. WHQL submission number of the Windows NDISM driver (v1.34) for x86 in this software package is 871036.

### 3. Detailed change note list

#### 3.1. Drivers

Name	Ver.	Supporting OSes	Location	Note
NDIS 3/4/5 for x86	1.34	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	Root directory	1. No version change in this software package.
NDIS5 for AMD64	1.34	Windows XP, Windows Server 2003 for AMD64	\AMD64\	
NDIS5 for XP embedded	1.34	Windows XP embedded SP1	\XPe\	
NDIS5 for Windows CE 4.0/4.2	1.34	Windows CE 4.0/4.2	\CE4\	
NDIS5 for Windows CE 5.0	1.34	Windows CE 5.0	\CE5\	
NDIS3F	1.34	Windows For Workgroup 3.11	\WFW311\	1. No version change in this software package.

NDIS2	1.06	LAN Server DOS Workstations, LANTASTIC, PCNFS, MS DOS 6.22 (MS client 3.0)	\\LANSVR40.DOS\\, \\LANTASTI\\, \\MSLANMAN.DOS\\, \\PCNFS\\	1. No version change in this software package.
Packet	1.08	MS DOS 6.22 (NCSA Telnet client, PCTCP)	\\PKTDRVR\\	1. No version change in this software package.
Server ODI (ASM version)	2.01	Netware Server 3.11, 3.12, 4.11, 4.12	\\NETWARE\\SRVRODL311\\, \\NETWARE\\SRVRODL312\\, \\NETWARE\\SRVRODL4\\	<ol style="list-style-type: none"> <li>1. Add Keywords TBUF, RBUF to set Tx Buffer, Rx Buffer.</li> <li>2. Add Keywords AI, TXSUPTHR, RXSUPTHR, TQETMR, RQETMR to support adaptive interrupt.</li> <li>3. Increase media specific counter TxAbortCarrierSense when TX packet was serviced during link down.</li> <li>4. Add Keyword JUMBO to support jumbo frames.</li> <li>5. Change buffer size to 1536 (To 9024 if jumbo frame supporting ability is enabled).</li> <li>6. Fix a bug in DriverSend.</li> <li>7. Update MSM.inc MSMTRUR.inc ODI.inc files.</li> <li>8. Change Rx buffer default value from 64 to 48.</li> <li>9. Dynamic Tx pause frame threshold setting according to RD count.</li> <li>10. If RD(RCB) are lower than 24, driver will disable flow control automatically.</li> <li>11. Rx buffer size, MLIDMaximumSize setting and Jumbo frame supporting are differentiated between NW3.11 and NW3.12/NW4.X.</li> </ol>
Server ODI (C version)	2.03	Client 32 for DOS, Netware Server 5.0, 5.1, 6.0, 6.5	\\NETWARE\\CLIENT32\\, \\NETWARE\\SRVRODL56\\	1. No version change in this software package.
DOS ODI	1.10	MS DOS 6.22 (Netware client for DOS)	\\NETWARE\\DOSODI\\	1. No version change in this software package.
MAC OS	1.03	MAC OS X	\\MACOSX\\	1. No version change in this software package.
Linux	1.16	Linux x86 Kernel 2.2.x ~ 2.6.x Linux AMD64 Kernel 2.4.x ~ 2.6.x	\\LINUX\\	1. No version change in this software package.
FreeBSD	1.11	FreeBSD 3.2, 4.0, 4.11, 4.2, 4.5, 4.6, 4.7, 5.0	\\FREEBSD\\	<ol style="list-style-type: none"> <li>1. Porting to FreeBSD 5.2.</li> <li>2. Porting to FreeBSD 5.2 AMD64 version.</li> <li>3. Fix Tx hang problem in cctest &amp; ftp.</li> <li>4. Fix tcp test hang problem.</li> <li>5. Modify RD release mechanism to fix SmartBit hang problem.</li> </ol>
Unixware	1.12	SCO Unixware 7.1	\\UNIXWARE\\	<ol style="list-style-type: none"> <li>1. Clear CFGA bit 0 after EEPROM re-load.</li> <li>2. Fix RD appending code bug for smartbit hang problem.</li> </ol>
SCO5	1.11	SCO Open Server 5.0.4, 5.0.6	\\SCO5\\	<ol style="list-style-type: none"> <li>1. Clear CFGA bit 0 after EEPROM re-load.</li> <li>2. Fix RD appending code bug for smartbit hang problem.</li> <li>3. Sync SVID/SSID with NDISM driver v1.35.</li> </ol>
Solaris	1.09	Solaris 8, 9	\\SOLARIS\\	1. No version change in this software package.
DIAG	1.30	MS DOS 6.22	Root directory	1. Add a hidden command-line function -atm for packet-loss toleration

				in Network Test. 2. Add new PHY test BIST CRC values.
Winsetup	2.28	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	Root Directory, \WINSETUP\	1. No version change in this software package.

### 3.2. Application utilities

Name	Ver.	Supported OSes	Location	Note
GigaCheck	2.09	Win95, Win95OSR2, Win98, Win98SE, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	\GigaCheck\	1. No version change in this software package.
DMI-GE	1.13	Win95, Win95OSR2, Win98, Win98SE, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	\DMI-GE\	1. Add uni winsetup instead of 3 module of each platform(9X/NT/2K). 2. Update pack tool PFTW to 4.01.
VSNMP-GE	1.14	Win98, Win98SE, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	\VSNMP-GE\	1. Add uni winsetup instead of 3 module of each platform(9X/NT/2K). 2. Update pack tool PFTW to 4.01.

### 3.3. Drivers/Utilities for Boot ROM users

Name	Ver.	Supported OSes	Location	Note
Flash	1.07	MS DOS 6.22	\FLASH\	1. Add SPI flash support. 2. Modify for RPL bootrom supporting INT18 and BEV.
RPL-DOS	1.17		\RPL\	1. Supported shared IRQ. 2. Adopted new mechanism to identifying if eeprom-less or serial-eeprom used.

PXE	1.16		\PXE\	1. Adopted the new mechanism to identify if eeprom-less or serial-eeprom used.
PXERPL	1.14		\PXERPL\	1. PXE 1.16 and RPL 1.17.

#### 3.4. Drivers/Utilities for manufacturer, not to release to users

Driver	Ver.	Supported OSes	Location	Note
Ether-debug tool for Windows CE	1.01	Microsoft Windows CE 4.2 & 5.0	\ETHERTOOL\	1. No version change in this software package.
EEPROM	1.10	MS DOS 6.22	\EEPROM\	1. Modify for RPL bootrom supporting INT18 and BEV.

#### 2.5.MISC

Name	Ver.	Support OSes	Location	Note
UNATTEND	1.02	Windows 9x, NT 4.0, 2000, XP	\UNATTEND\	1. No version change in this software package.

#### 3.6. Application documents

Document	Ver.	Location	Note
GigaCheck User Guide	1.60	\GigaCheck\	1. No version change in this software package.
DMI-GE User Guide	1.40	\DMI-GE\	1. No version change in this software package.
VSNMP-GE User Guide	1.50	\VSNMP-GE\	1. No version change in this software package