



Experts in data communication

**Firmware**

**Release Notes**

**xx.0.0 – xx.6.11**

**Stand: 10.08.2010**

**C1500 / C2000**

**M3000 / G5000**

**Infoterminal / ELW Roter**

**Hardware-Kennungen "Release-x.y.z"**

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x = 15:	C1500 (AL6) (W= WLAN, U= UMTS, H=HSUPA, WU= WLAN&UMTS)
x = 17:	C2000 (AL4) Farsite Schnittstelle(n)
x = 2010:	C2000 (AL1) + FMC (FunkMeldeConverter)
x = 2020:	C2000 (AL1) FMS Monitor
x = 40:	C2000X (AL1) X- Window Terminal (Standard Version)
x = 4010:	C2000X (AL1) X- Window Terminal (Minimal Version)
x = 41:	C2000X (CO) X- Window Terminal (Standard Version)
x = 4110:	C2000X (CO) X- Window Terminal (Standard Version ohne Surfstation Packet)
x = 30:	M3000 (EP) ISDN PCI (DSL)/S0 AVM
x = 31:	M3000 (EP) ISDN PCI TE/NT HST
x = 310:	M3000 (EP) ISDN PCI TE/NT HST + Asterisk
x = 32:	M3000 (EP) ohne ISDN
x = 50:	G5000 Ethernet
x = 52:	G5000 Farsite Schnittstelle(n), DIVA-PRI(s), Ethernet
x = 53:	G5000 DIVA-PRI(s), Ethernet
x = 98:	InHouse Test Version M3000
x = 99:	InHouse Test Version G5000

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## Version X.6.11

**News:**

- Support for MS-DOS-FAT-file system added
- Some internal changes regarding kernel 2.6.31.4
- Change of name: "QoS Function" changed to "QoS Control"
- Change of name: "PPP Function" changed to "PPP"
- Change of name: "SNMP Function" changed to "SNMP"
- Change of name: "IPsec VPN Functions" changed to "IPsecVPN"
- Change of name: "WLAN Functions" changed to "WLAN"
- Change of name: "OpenVPN Functions" changed to "OpenVPN"
- Change of name: "Video Streaming Functions" changed to "Video Server"
- Change of name: "Event Hadler Functions" changed to "Event-Handler"
- Change of name: "Connection-Manager Functions" changed to "Connection-Management"
- Change of name: "Certificate Functions" changed to "Certificate Management"
- Module "ether-wake" added. With this tool you can send WoL (Wake on LAN) packets.
- Design of Webmin module changed

**Bugfixes:**

- DHCP: sometimes wrong entries were deleted
- LED: Status PPPx\_UP\_DOWN\_DATA was not Status PPPx\_UP\_DOWN\_DATA displayed right and WCDMA only will be showed by flashing.

**New pakets:**

- |                             |              |
|-----------------------------|--------------|
| - dosfstools-3.0.6 (neu)    | TDT_20091007 |
| - TDT_QoS                   | TDT_20100730 |
| - dhcp-3.0.2                | TDT_20100611 |
| - ppp-2.4.4                 | TDT_20100730 |
| - net-snmp-5.5              | TDT_20100730 |
| - openswan-2.6.23           | TDT_20100730 |
| - TDT_WLAN                  | TDT_20100730 |
| - openvpn-2.0.9             | TDT_20100730 |
| - gpod                      | TDT_20100730 |
| - mjpg-streamer-r63         | TDT_20100730 |
| - misc_utils                | TDT_20100802 |
| - TDT_Event_Handler         | TDT_20100730 |
| - TDT_Connection_Manager    | TDT_20100730 |
| - TDT_Certificate_Functions | TDT_20100730 |
| - webmin-1.220              | TDT_20100730 |

## Version X.6.10

**News:**

- Dhcp client retry timer from 5 to 1 minutes minimized
- New webmin theme and new icons added
- GSM/UMTS modem type will not be displayed anymore
- New LED (8 LEDs) support added (special for C1550 and C2000)

**Bugfixes:**

- Small bugfix in dhcp-server solved

**New pakets:**

- |                        |              |
|------------------------|--------------|
| - ethtool-2.6.34 (neu) | TDT_20100607 |
| - dhcp-3.0.2           | TDT_20100602 |
| - ntp-4.2.0            | TDT_20100614 |
| - ppp-2.4.4            | TDT_20100614 |

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- TDT_PPP_Functions	TDT_20100616
- TDT_GSM	TDT_20100616
- openswan-2.6.23	TDT_20100614
- xl2tpd-1.1.05	TDT_20100614
- openvpn-2.0.9	TDT_20100614
- gpiod	TDT_20100616
- mjpg-streamer-r63	TDT_20100614
- TDT_CLI	TDT_20100616
- TDT_Connection_Manager	TDT_20100614
- webmin-1.220	TDT_20100616
- TDT_UPS_AGENT(neu)	TDT_20100616

## Version X.6.9

### News:

- Support for new USB/UMTS wireless modem extension module added (C2000)
- Video4linux support added
- allied telesyn DSL modem added
- wget-1.9.1- WEB grabber added
- iperf-2.0.4 modul for bandwith analyzing included
- UPS Agent added

### Bugfixes:

- Some internal changes
- Timeout parameter for UMTS modems optimized
- Stunnel Webmin modul was faulty
- 

### New pakets:

grub-0.96	TDT_20100505
configurations	TDT_20100408
linux-2.6.19	TDT_20100428
C1500_kernel_config	TDT_20100412
LV-67D_kernel_config	TDT_20100413
linux-atm-2.4.1	TDT_20100505
TDT_PPP_Functions	TDT_20100415
TDT_GSM	TDT_20100415
wget-1.9.1	TDT_20091116
net-snmp-5.5	TDT_20100506
openswan-2.6.23	TDT_20100409
gpiod	TDT_20100423
Device-SerialPort-1.04 (neu)	TDT_20100323
MLDBM-2.04 (neu)	TDT_20100415
MLDBM-Sync-0.30 (neu)	TDT_20100323
stunnel-4.26	TDT_20100414
iperf-2.0.4 (neu)	TDT_20100419
TDT_CLI	TDT_20100429
misc_utils	TDT_20100408
TDT_Connection_Manager	TDT_20100408
webmin-1.220	TDT_20100414

## Version X.6.8

### News:

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- Changes for a smaller differential update package
  - Support for Linux 2.6.31.4, OvisLink and Traverse ADSL2+ DSL modem added
  - Support for new LED handler added

**Bugfixes:**

- Some smaller internal changes

**New pakets:**

kbd-1.12	TDT_20100326
C1500_kernel_config	TDT_20100324
linux-atm-2.4.1	TDT_20100324
ppp-2.4.4	TDT_20100406
TDT_PPP_Functions	TDT_20100325
TDT_GSM	TDT_20100406
Update-System	TDT_20100305
TDT_WLAN	TDT_20100406
gpiod	TDT_20100406

## Version X.6.7

**News:**

- Support for USB printer added (hotspot bon printer)
- Hotspot functions added

**New pakets:**

- C1500_kernel_config		TDT_20100309
- squid-3.0.STABLE11	(neu)	TDT_20100107
- XXX(neu)	(neu)	TDT_20090216
- httpd-2.2.8	(neu)	TDT_20091207
- php-5.2.10	(neu)	TDT_20091208
- coova-chilli-1.0.14	(neu)	TDT_20100315
- Module-Build-0.35_05	(neu)	TDT_20091217
- version-0.78	(neu)	TDT_20091217
- Parse-RecDescent-...	(neu)	TDT_20091217
- Inline-0.45	(neu)	TDT_20100202
- Linux-USBKeyboard...	(neu)	TDT_20091217
- libxml2-2.6.31	(neu)	TDT_20080212

## Version X.6.6

**News:**

- Some internal changes
- Filesystem changed from ext2 (second extended filesystem) to ext3 (third extended filesystem), it is more stable
- FAT and MSDOS filesystem

**Bugfixes:**

- One channel of USB soundsystem failed
- Logging of PPPoE connection failed
- Receiving SMS commands failed
- Update Software with configuration takeover enhanced

**New pakets:**

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- glibc-2.3.4_precompiled	TDT_20100120
- configurations	TDT_20100225
- TDT_RAMDISK	TDT_20100225
- C1500_kernel_config	TDT_20100303
- C2000_kernel_config	TDT_20100226
- C2000X_kernel_config	TDT_20100226
- M3000_kernel_config	TDT_20100226
- G5000_kernel_config	TDT_20100226
- LV-67D_kernel_config	TDT_20100226
- TDT_PPP_Functions	TDT_20100209
- TDT_GSM	TDT_20100303
- Update-System	TDT_20100225
- gpiod	TDT_20091216
- TDT_Info-Terminal_C..	TDT_20100126
- tdt-kempelton_large...	TDT_20100331
- TDT_CLI	TDT_20100120
- TDT_Event_Handler	TDT_20100218 8040
- finalize_installation	TDT_20100120 9999

## Version X.6.5

### News:

- Firewire support for cameras and USB sound devices added.
- Internal communication to Option GTM382 modem changed
- SIMCOM SIM5220 UMTS modem added.
- Additional LED signal added
- Network traffic analyzing tool "bwmon" added

### Bugfixes:

- Initialization for Option GTM382 improved
- Stopping of PPP daemon sometimes fails, internal timeout from 5 to 10 seconds increased.

### New pakets:

- |                          |              |
|--------------------------|--------------|
| - LV-67D_kernel_config   | TDT_20091204 |
| - libftdi-0.16           | TDT_20091013 |
| - TDT_PPP_Functions      | TDT_20091118 |
| - TDT_GSM                | TDT_20091118 |
| - TDT_GPS                | TDT_20091118 |
| - gpiod                  | TDT_20091013 |
| - bwmon-1.3              | TDT_20091022 |
| - TDT_CLI                | TDT_20091114 |
| - TDT_Connection_Manager | TDT_20091209 |
| - lm_sensors-2.10.1      | TDT_20091208 |

## Version X.6.4

### News:

- C1500 Edge can be delivered with 4 GByte flash
- Default setting for parameter "reset UMTS moden" changed from three to zero.
- Some internal changes regarding modem communication.

### Bugfixes:

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- Restart request packets without diagnostic will be answered from now on also.

**New pakets:**

- TDT\_GSM TDT\_20091104
- Connection\_Manager TDT\_20091112
- TDT\_CLI TDT\_20091112
- fsx25-3.03.09 TDT\_20091119

**Version X.6.3****News:**

- Download function for configuration files added
- C1500 Edge can be delivered with 4 GByte flash
- Loading time for IPSec connections optimized (Command Line Interface)
- Support for SIMCom SIM5220, SIM700 and Option Globetrotter GT MAX HSUPA modem added (Command Line Interface)
- New PPP parameter added (Command Line Interface)
- New openswan 2.6.23 included.....
- Support for DAVICOM DM9601 USB network adapter added
- Plug and Play for Fritz!Card USB included
- SMS support added (sending commands to the router via SMS)
- TDT\_Certificate\_Functions included.....
- Include FMS functions (The TDT FMS Monitor allows the decoding of FMS-telegrams and alarm sounds (DMTF, POCSAG, ZVEI, so-called 5-tone sequences) in the radio communications sector for public authorities and other organizations involved with safety duties (Firefighting and Rescue Units).
- SCEP (simple certificate enrollment protocol) included
- New USB DSL modem added
- Destination NAT to a broadcast address (i.e.: 192.168.0.255) is now possible

**Bugfixes:**

- Sometimes DSL driver cannot be loaded at the first time.
- Signal strange display via LED does not work
- Some internal changes in connection manager (including some default settings) for a better handling
- Reset of Siemens MC75 (Edge) modem sometimes fails, some internal timer changed.
- In static Connection Manager "ISDN Dial-in" was not showed
- ARP table enlarged
- Buffer size at ISDN PAD up to 8192 enlarged

**New pakets:**

webmin-1.220	TDT_20091008
TDT_CLI	TDT_20091006
openswan-2.6.23	TDT_20091008
linux-2.6.19	TDT_20091007
fcusb2-3.11-07	TDT_20090814
sachu4_v1_2_annexB	TDT_20090814
TDT_PPP_Functions	TDT_20091007
TDT_GSM	TDT_20091027
TDT_Event_Handler	TDT_20090914
TDT_Connection_Manager	TDT_20091027
TDT_Certificate_Functio	TDT_20091008
linux-atm-2.4.1	TDT_20091027
iptables-1.3.7	TDT_20091001
finalize_installation	TDT_20091028
Xorg-7.2	TDT_20090720

G5000_kernel_config	TDT_20090814*
TDT_PAD	TDT_20091026*

## Version X.6.2

### News:

- Routing changes can be done now during runtime and will be active without using “apply network”
- VRRP and new openswan (2.6.22) support added in CLI interface
- New openswan 2.6.22 included .....
- Linux-PAM and curl-7.19.2 modules included.....

### Bugfixes:

- |

### New pakets:

- |                   |              |
|-------------------|--------------|
| - webmin-1.220    | TDT_20090623 |
| - TDT_CLI         | TDT_20090805 |
| - openswan-2.6.22 | TDT_20090805 |
| - Linux-PAM-1.0.4 | TDT_20090624 |
| - curl-7.19.2     | TDT_20090623 |

## Version X.6.1

### News:

- DHCP Server support in CLI (Command Line Interface) added
- Stored pictures from USB Cam can be deleted now from PermData directory via Webmin
- FMS Monitor

### Bugfixes:

- in some PPPoE connections there was a problem with automatic MSS (Maximum Segment Size) negotiation. Support for Clamp MSS option added.
- Routing scripts will not be set correctly after software update.

### New pakets:

- |                                       |               |
|---------------------------------------|---------------|
| - lfs-bootscripts-3.2.1               | TDT_20090721  |
| - TDT_CLI                             | TDT_20090731  |
| - ppp-2.4.4                           | TDT_20090615  |
| - TDT_PPP_Functions                   | TDT_20090626  |
| - mjpg-streamer-r63                   | TDT_200906224 |
| - TDT_FMS_Config-Files (neu bei 2020) | TDT_20090929* |
| - jre1.6.0_16 (neu bei 2020)          | TDT_20090910* |
| - aumix-2.8 (neu bei 2020)            | TDT_20090921* |
| - TDT_FMS_Monitor (neu bei 2020)      | TDT_20091012* |

## Version X.6.0

### News:

- TDT Connection Manager installed. The new Connection Manager is a very powerful instrument for all backup and fallback sceneries.
- Dial Scheduler module removed.
- New commands for the Connection Manager and routing in CLI (Command Line Interface) added.
- Support for new main boards added
- openssl-0.9.8g renews with openssl-0.9.8k
- openssl-4.7p1 renews with openssl-5.2p1

- Support for Sierra Wireless MC8790 added
- "MUX-Mode" for Siemens MC75 added. Now 2 PPP connection via one modem connection are possible
- GPRS registration status can be prompted now on MC75
- PCMCIA Bus support added
- New field in webmin for comments added
- System save to an USB flash device is now also possible in G5000 and M3000 Series

**Bugfixes:**

- now comments can be showed in firewall overview again
- internal changes

**New pakets:**

- TDT\_Connection\_Manager TDT\_20090708
- TDT\_CLI TDT\_20090708
- C1500\_kernel\_config TDT\_20090429
- openssl-0.9.8k TDT\_20090415
- openssh-5.2p1 TDT\_20090415
- iptables-1.3.7 TDT\_20090506
- ppp-2.4.4 TDT\_20090430
- TDT\_PPP\_Functions TDT\_20090430
- TDT\_GSM TDT\_20090427
- net-snmp-5.2.1.2 TDT\_20090506
- mjpg-streamer-r63 TDT\_20090331
- G5000\_kernel\_config TDT\_20090527
- lm\_sensors-2.10.1 TDT\_20090622
- xgwd TDT\_20090703
- TDT\_SaveSystemToUSB TDT\_20090512
- TDT\_Info-Terminal\_Confi TDT\_20090623

## Version X.5.3

**News:**

- New X.25 to TCP and TCP to X.25 Gateway daemon added
- xgwd daemon added and x25d daemon and TDT\_:X25\_GATE removed (now x25tap3 and x25tap4 is not necessary anymore)
- Configuration of firefox kiosk will be saved now in "etc" -directory also

**Bugfixes:**

- Sometimes TCP Gateway is stopping or causes an kernel problem
- Internal changes in TDT\_ISDN for the new TCP gateway
- After closing the account window by an error, firefox will be restarted automatically
- Timestamp file handling changed for FTP and new timestamp format added

**New pakets:**

- fsx25-3.03.09 TDT\_20090520
- x25d removed
- xgwd TDT\_20090520
- TDT\_X25\_GATE removed
- TDT\_ISDN TDT\_20090522
- firefox-2.0.0.13 TDT\_20090603
- TDT\_Info-Terminal\_C TDT\_20090603
- mjpg-streamer-r63 TDT\_20090529
- tdt-bmakiosk TDT\_20090610
- TDT\_SurfStation TDT\_20090603

## Version X.5.2

### News:

- New network adapter Davicom DM9601 USB 1.1 added
- Support for MobiData HSPA PCS Modem added
- New openswan-2.4.14 included
- Proftpd will not be started by default settings
- "Stunnel" software package for SSL termination included
- Webmin is now also reachable via standard https port 443
- Some new modules for "TDT Infoterminal"
- XoT daemon included

### Bugfixes:

- Some small internal changes
- "GPRS only, UMTS only, auto" setting with Huawei modem failed
- Virtual interfaces were shown twice in webmin (only in PPPoE connections)
- Sometimes mjpg-streamer could not start -> startup timing changed
- Generate a certificate failed
- SRD Configuration Functions "error" return removed
- Sometimes incoming ISDN calls causes an kernel panic

### New pakets:

- configurations TDT\_20090318
- C1500\_kernel\_config TDT\_20090309
- xinetd-2.3.14 TDT\_20090320
- TDT\_PPP\_Functions TDT\_20090331
- TDT\_GSM TDT\_20090417
- openswan-2.4.14 TDT\_20090401
- mjpg-streamer-r63 TDT\_20090331
- proftpd-1.3.0 TDT\_20090420
- stunnel-4.26 TDT\_20090320
- TDT\_Event\_Handler TDT\_20090302
- webmin-1.220 TDT\_20090420
- C2000X\_kernel\_config..TDT\_20090415
- D945GCLF\_kernel\_c.. TDT\_20090406
- alsa-driver-1.0.19 TDT\_20090407
- alsa-utils-1.0.17 TDT\_20090415
- TDT\_Info-Terminal\_.. TDT\_20090415
- tdt-bmakiosk TDT\_20090414
- knock-0.5 TDT\_20090414
- TDT\_Remote\_ParPor.. TDT\_20090401
- squid-3.0.STABLE11 TDT\_20090417
- TDT\_SurfStation TDT\_20090408
- r8101-1.011.00 TDT\_20090406
- r8168-8.011.00 TDT\_20090406
- fsx25-3.03.09 TDT\_20090212
- x25d TDT\_20090427
- xotd TDT\_20090203
- TDT\_ISDN TDT\_20090427

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## Version X.5.1

**News:**

- Internal changes regarding cold plug initialization
- Support for Huawei modems added
- New "Option GTM382"- modem and external USB-HSDPA "Huawei E169"- modem added
- GRE-Keepalive packets will be answered now
- Support for Davicom DM9601 USB 1.1 10/100 Mbps network adapter added
- GPS function for Option GTM378 and GTM380 activated
- ProFTP Server included
- CLI (Command Line Interface) configuration options added
- TDT Eventhandler function added

**Bugfixes:**

- Output buffer increased for better HSUPA upload speed
- NTP is able to set the system time even the different time is more than 1000 seconds
- In some cases PPP configurations can't be adopted
- Certificate password storing via Webmin failed sometimes
- Update System via Webmin fails in version x.5.0
- ISDN PAD buffer handling optimized
- Picture streaming via FTP stopped sometimes after PPP disconnect
- Some smaller internal changes
- Configuration adopting with CLI failed sometimes
- Differential Update failed sometimes

**New pakets:**

- |                           |              |
|---------------------------|--------------|
| - lfs-bootscripts-3.2.1   | TDT_20090225 |
| - configurations          | TDT_20090225 |
| - linux-2.6.19            | TDT_20090309 |
| - C1500_kernel_config     | TDT_20090225 |
| - ntp-4.2.0               | TDT_20090304 |
| - capi4k-utils-2005-07-18 | TDT_20090204 |
| - sachu4_v1_2_annexB      | TDT_20090225 |
| - TDT_PPP_Functions       | TDT_20090305 |
| - madwifi-0.9.3.3         | TDT_20090225 |
| - TDT_GSM                 | TDT_20090309 |
| - TDT_GPS                 | TDT_20090227 |
| - openswan-2.4.13         | TDT_20090306 |
| - Update-System           | TDT_20090225 |
| - TDT_PAD                 | TDT_20090309 |
| - mjpg-streamer-r63       | TDT_20090220 |
| - proftpd-1.3.0           | TDT_20090119 |
| - TDThwinfo               | TDT_20090113 |
| - TDT_CLI                 | TDT_20090309 |
| - TDT_Event_Handler       | TDT_20090218 |
| - webmin-1.220            | TDT_20090225 |

## Version X.5.0

**News:**

- rsync for differential software update function added
- webmin: TDT logo and text replaced
- support for user-space parallel port activated
- some useful dial scheduler functions added
- keepalived-1.1.13 renewed with keepalived-1.1.15
- support for second "Eicon Diva PRI/E1/T1-CTI PCI v3" added
- CAPI support for "asterisk" added
- CUPS printer system support for firefox added
- ALLNET ALL2297 IP dome Cam added. Picture timestamp added.
- proxy server squid and content filter added

**Bugfixes:**

- some internal changes for differential update feature
- problems with IPsec working via VRRP (VIP) fixed with new keepalived-1.1.15
- Webmin: Is authentication with username and password selected, it is enough to define Certification Authority. Certificate and Key are not necessary anymore.
- Some changes regarding command line interpreter (CLI)

**New pakets:**

- |                             |              |
|-----------------------------|--------------|
| - Toolchain_precompiled     | TDT_20081212 |
| - initialize_installation   | TDT_20090204 |
| - psmisc-21.6               | TDT_20081212 |
| - sysvinit-2.86             | TDT_20090204 |
| - udev-071                  | TDT_20090203 |
| - configurations            | TDT_20090120 |
| - TDT_RAMDISK               | TDT_20090203 |
| - C2000X_kernel_config      | TDT_20081222 |
| - TDT_QoS                   | TDT_20090203 |
| - bind-9.3.1                | TDT_20090203 |
| - postfix-2.2.9             | TDT_20090120 |
| - ppp-2.4.4                 | TDT_20090203 |
| - capi4k-utils-2005-07-18   | TDT_20090204 |
| - TDT_PPP_Functions         | TDT_20090123 |
| - TDT_GSM                   | TDT_20090203 |
| - lm_sensors-2.10.1         | TDT_20090203 |
| - ipvsadm-1.24              | TDT_20090203 |
| - keepalived-1.1.15         | TDT_20090115 |
| - net-snmp-5.2.1.2          | TDT_20090203 |
| - openswan-2.4.13           | TDT_20090203 |
| - xl2tpd-1.1.05             | TDT_20090203 |
| - Net_SSLeay.pm-1.25        | TDT_20090204 |
| - IO-Socket-SSL-1.13        | TDT_20090204 |
| - Update-System             | TDT_20090203 |
| - fshc_x25-2.00-00-beta6    | TDT_20090203 |
| - x25d                      | TDT_20090203 |
| - TDT_X25_GATE              | TDT_20090203 |
| - Diva4Linux-108.123-1      | TDT_20090206 |
| - TDT_ISDN                  | TDT_20090203 |
| - TDT_PAD                   | TDT_20090203 |
| - chan-capi-HEAD_20..       | TDT_20070702 |
| - isdn_alive_test           | TDT_20090203 |
| - TDT_WLAN                  | TDT_20090203 |
| - openvpn-2.0.9             | TDT_20090204 |
| - gpod                      | TDT_20090203 |
| - ddclient-3.7.3            | TDT_20090203 |
| - firefox-2.0.0.13 firefox- | TDT_20090130 |
| - mjpg-streamer-r63         | TDT_20090130 |
| - tdt-bmakiosk              | TDT_20081222 |
| - vloopback-1.1             | TDT_20081216 |

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- vpipe-0.0.2	TDT_20081216
- ffmpeg_svn20081210	TDT_20081216
- openRTSP_live_20....	TDT_20081216
- cups-1.2.12	TDT_20081222
- espgs-8.15.4	TDT_20081222
- aps_linux_driver-0.6.1	TDT_20090130
- squid-3.0.STABLE11	TDT_20090216
- rsync-3.0.5	TDT_20090129
- TDT_ContentFilter	TDT_20090216
- TDT_CLI	TDT_20090204
- webmin-1.220	TDT_20090203

## Version X.4.2

### News:

- New design for some Webmin Icons
- Support for a third data partition added
- New Webmin modul for "DNS Server update" added. With this module it is possible to update a DNS server directly
- Support for NMEA (GPS data) added (Option GTM378 or GTM380 modem is necessary)
- Capi for Fritz USB added. So ISDN dial in and dial out is also possible on C1500 router
- GSM modem state IMSI, ICCID, Location Area and Cell ID added. With option modems also WCDMA will be showed.
- ISDN calling and ISDN called number will be showed in the messages file
- Username and password authentication for open VPN added
- LED on C1500 Router are configurable via Webmin
- Support for ALLNET ALL2297 IP dome cam added
- New functions for CLI added

### Bugfixes:

- Fix for HSUPA upload speed
- Problems after IPsec reconnect via PPP interface
- Siemens MC75 modem reset optimized
- X.25 routing entries for target and mask will be checked for correctness
- Some little changes during X.25 startup phase and internal timers changed
- Problems with more than ten ISDN routing entries
- PAD buffer management optimized
- Some little internal changes

### New pakets:

- TDT_RAMDISK	TDT_20081208
- linux-2.6.19	TDT_20090108
- TDT_QoS	TDT_20081208
- bind-9.3.1	TDT_20081208
- ntp-4.2.0	TDT_20081212
- ppp-2.4.4	TDT_20081217
- capi4k-utils-2005-07-18	TDT_20070914
- fusb2-3.11-07	TDT_20090112
- TDT_PPP_Functions	TDT_20090112
- TDT_GSM	TDT_20090108
- lm_sensors-2.10.1	TDT_20081208
- ipvsadm-1.24	TDT_20081208
- keepalived-1.1.13	TDT_20081208
- net-snmp-5.2.1.2	TDT_20081208
- openswan-2.4.13	TDT_20081208
- xl2tpd-1.1.05	TDT_20081208
- fshc_x25-2.00-00-...	TDT_20081208
- x25d	TDT_20081208
- TDT_X25_GATE	TDT_20081208

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- TDT_ISDN	TDT_20081208
- TDT_PAD	TDT_20081208
- isdn_alive_test	TDT_20081208
- TDT_WLAN	TDT_20081216
- openvpn-2.0.9	TDT_20081208
- gpod	TDT_20090112
- ddclient-3.7.3	TDT_20081208
- mjpg-streamer-r63	TDT_20081209
- TDT_CLI	TDT_20090112
- misc_utils	TDT_20081215
- webmin-1.220	TDT_20081216

## Version X.4.1

### News:

- "Numeric Privider ID" can be configured now easier
- LZO Compression for open VPN added
- TDTpjsua\_keepalive added
- FTP for USB Webcam picture transfer added
- Knockdaemon for port knocking added
- Command line interpreter CLI added
- PPP uptime status added

### Bugfixes:

- Changes regarding C1500e Modem Reset (Siemens MC75)
- Checkpin script for PIN Konfiguration was faulty
- After PPP interface disconnect with configured IPsec the PPP device keeps busy
- IPsec Key Lifetime display via Webmin was wrong
- Saving IP IPsec addresses via Webmin is not working
- Number of USB Webcam pictures was limited to 3000
- Internal changes regarding the knock daemon
- Hardware ID was not read out correctly
- File-chooser button for firmware files listed the wrong directory
- Amount of lines in "System Logs" are configurable again

### New pakets:

TDT_PPP_Functions	TDT_20081202
TDT_GSM	TDT_20081203
openswan-2.4.13	TDT_20081201
lzo-2.03	TDT_20081124
openvpn-2.0.9	TDT_20081204
pjproject-1.0-rc2	TDT_20081118
mjpg-streamer-r63	TDT_20081124
knock-0.5	TDT_20081120
TDT_Remote_ParPort_IO	TDT_20081120
TDThwinfo	TDT_20081127
TDT_CLI	TDT_20081204
misc_utils	TDT_20081120
webmin-1.220	TDT_20081126

## Version X.4.0

### News:

- Support for Intel Gigabit Ethernet included
- New parameter "max. PPP negotiation timeout" added
- Support for two Eicon PRI cards added
- ISDN called and calling number will be showed in messages file

**Bugfixes:**

- Startup changed for MC75 modem support
- MC75 resetting optimized
- A wrong X.25 routing configuration causes sometime an error on start up.
- Small internal changes at X.25 daemon
- More than 10 ISDN routing entries can damage the routing table
- Maximum stored pictures of USB Cam was limited on 3000 -> enlarged to 10 000.

**New pakets:**

- C1500\_kernel\_config TDT\_20081111
- G5000\_kernel\_config TDT\_20081128
- TDT\_PPP\_Functions TDT\_20081111
- TDT\_GSM TDT\_20081111
- fshc\_x25-2.00-00-... TDT\_20081126
- x25d TDT\_20081118
- Diva4Linux-108.123-1 TDT\_20081125
- TDT\_ISDN TDT\_20081113
- expat-2.0.1 TDT\_20080317
- XML-Parser-2.36 TDT\_20080317
- mjpg-streamer-r63 TDT\_20081029
- Net-Netmask-1.9015 TDT\_20081007
- Proc-Simple-1.23 TDT\_20081007
- Proc-Simple-Async-0.03 TDT\_20081007
- TermReadKey-2.30 TDT\_20081007
- TDT\_CLI TDT\_20081023

**M3000\_kernel****Version X.3.11****News:**

- Video for Linux via USB included
- Support for MC75 modem included
- Connection type "Edge" will be showed now
- New parameter in ISDN X.25 Trunk configuration: "Send SABM after Connect:"
- "TDTpjsua\_keeplive" for SIP and RTP keep alive added
- "TDT\_Remote\_ParPort\_IO" for remote knocking added

**Bugfixes:**

- Signal strength was wrong calculated
- Some small internal changes on PRI- Eicon drivers
- Stopping ISDN during an established ISDN connection causes an error
- The time base of ISDN idle timer was wrong
- Function "ISDN called number -> X25 called number" does not work correctly sometimes.
- Startup script for "mjpg-streamer-r63" optimized

**New pakets:**

- M3000\_kernel\_config TDT\_20081027
- G5000\_kernel\_config TDT\_20081027

- TDT\_PPP\_Functions TDT\_20081023
- TDT\_GSM TDT\_20081023
- lm\_sensors-2.10.1 TDT\_20081028
- Diva4Linux-108.123-1 TDT\_20081028
- TDT\_ISDN TDT\_20081030
- pjproject-1.0-rc2 TDT\_20081023
- TDT\_Remote\_ParPort\_IO TDT\_20081024
- mjpg-streamer-r63 TDT\_20081024
- qc-usb-messenger-1.8 TDT\_20081016
- linux-uvic-svn-r260 TDT\_20081016

## Version X.3.10

### News:

- Sierra Wireless MC5725v (CDMA) modem added
- Changes regarding "Info Terminal" (i.e.: external keyboard)
- I/O port changes can be transmitted via TCP/IP

### Bugfixes:

- It was not possible to configure "#" in username of PPP interface
- APN, username and password must not be configured anymore.

### New pakets:

ppp-2.4.4	TDT_20081014
TDT_PPP_Functions	TDT_20081014
TDT_Info-Terminal_Co..	TDT_20080905
tdt-bmakiosk	TDT_20080901
xvkbd-3.0	TDT_20080926
icewm-1.2.35	TDT_20080901
wmctrl-1.07	TDT_20080901
libieee1284-0.2.10	TDT_20070810
knock-0.5	TDT_20081014
TDT_Remote_ParPort_IO	TDT_20081014

## Version X.3.9

### News:

- X.25 monitoring tool is now able to show long packets
- Internal changes between X25tap and gateway
- In Webmin and help file idle timer description added
- Support for authentication via username/password in open VPN added

### Bugfixes:

- Webmin modul button "X25 Gateway Daemon" was wrong displayed
- X.25 startup failed sometimes
- ISDN idle timer was wrong

### New pakets:

fshc_x25-2.00-00-...	TDT_20081007	
x25d	TDT_20081006	
TDT_X25_GATE	TDT_20081009	
TDT_ISDN	TDT_20081013	
TDT_PAD	TDT_20081010	
openvpn-2.0.9	TDT_20081006	T

## Version X.3.8

**News:**

- Sound included on "Info Terminal"
- New Dialogic (Eicon) Diva PRI V3 card included
- ISDN Called number can be inserted as X.25 called number
- Pjproject command line soft phone included

**New pakets:**

C2000_kernel_config	TDT_20080929	
alsa-utils-1.0.17	TDT_20080926	
Diva4Linux-108.123-1	TDT_20080929	
TDT_ISDN	TDT_20080930	
TDT_PAD	TDT_20080930	
pjproject-1.0-rc2	TDT_20080922	T
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## Version X.3.7

**Bugfixes:**

- Problem at file chooser button in "TDT – Distribution Information" fixed
- From now on dummy DNS server 10.11.12.13 and 10.11.12.14 will not be taken into /etc/resolv.conf
- GSM signal LED optimized
- Support for PIN configuration (via PPP interface) added
- When an IPSec interface was added to a PPP interface, it could happen that after PPP disconnect the PPP interface keeps busy

**New pakets:**

ppp-2.4.4	TDT_20080905
TDT_PPP_Functions	TDT_20080905
TDT_GSM	TDT_20080905
openswan-2.4.13	TDT_20080905
webmin-1.220	TDT_20080905

## Version X.3.6

**News:**

- Open VPN support added
- "Creative Live! Cam Notebook Ultra" support added

**New pakets:**

openvpn-2.0.9	TDT_20080606
gspcav1-20071224	TDT_20080829

## Version X.3.5

**Bugfixes:**

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**News:**

- Support for a third partition for USB Web Cam added
- Asterisk packet for VoIP support added
- Picture storage for USB Cam added

**New pakets:**

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lfs-bootscripts-3.2.1	TDT_20080827
configurations	TDT_20080827
TDT_RAMDISK	TDT_20080827
Config_IniFiles.pm-2.39xxx	TDT_20070312
Update-System	TDT_20080827
asterisk-1.4.5	TDT_20080827
op_panel-snapshot_...	TDT_20071113
chan-capi-HEAD_20070702	TDT_20070702
mjpg-streamer-r63	TDT_20080827

## Version X.3.4

### Bugfixes:

- sometimes PPP interfaces will not be closed correct if authentication fails
- Webmin for Read-Only System optimized

### News:

- New drivers for ISDN PRI card
- New functions regarding "TDT-Infoterminal" added
- From now on it is possible to configure at two ore more interfaces the same IP address

### New pakets:

Saphir-S0-2.8.9.111	TDT_20080825
Diva4Linux-108.123-1	TDT_20080825
TDT_ISDN	TDT_20080820
firefox-2.0.0.13	TDT_20080805
vkeyboard	TDT_20080805
TDT_Info-Terminal_...	TDT_20080805
mjpg-streamer-r63	TDT_20080826
jslib_current_signed	TDT_20080805
tdt-bmakiosk	TDT_20080812
tdt-kempelton_large-...	TDT_20080811
webmin-1.220	TDT_20080813

## Version X.3.3

### Bugfixes:

- Deleting of red configuration files (after software update) is now possible again

### News:

- openswan-2.4.13 included
- Video-4-Linux support for USB Web-CAMs activated
- LED L2 and L3 (C1500) can be now configured by user under /etc/sysconfig/tdt/gpio/led.conf
- PPP option "Refuse MS-CHAP" and "Refuse MS-CHAPv2" added
- Retry timer in "Dyanic Dial Scheduler" added
- Support for Option GTM378 and GTM380 at NDIS/WAN – modus added
- Signal strength display via LED added
- Upload function for configuration files included

### New pakets:

linux-2.6.19	TDT_20080716
C1500_kernel_config	TDT_20080711
C2000_kernel_config	TDT_20080711
C2000X_kernel_config	TDT_20080721
ppp-2.4.4	TDT_20080724

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TDT_PPP_Functions	TDT_20080724
TDT_GSM	TDT_20080724
TDT_GPS	TDT_20080716
openswan-2.4.13	TDT_20080725
TDT_WLAN	TDT_20080724
gpiod	TDT_20080724
gspcav1-20071224	TDT_20080711
mjpg-streamer-r63	TDT_20080718
webmin-1.220	TDT_20080711

## Version X.3.2

### Bugfixes:

- Reset handling of GSM modems optimized
- Problems after routing configuration via webmin interface

### News:

- Internal changes: USB subsystem to kernel module moved
- Support for NMEA (GPS data) for time synchronization added (only with Option GTM378 and Option GTM380 possible)
- Some small internal changes

### New pakets:

lfs-bootscripts-3.2.1	TDT_20080626
C1500_kernel_config	TDT_20080703
ntp-4.2.0	TDT_20080701
TDT_PPP_Functions	TDT_20080703
TDT_GPS	TDT_20080701
finalize_installation	TDT_20080702

## Version X.3.1

### Bugfixes:

- Handling for Siemens MC75 optimized
- Sometimes power off damages flash. Now behavior for configuration saving is changed. From now on the configuration is stored in flash. Only by pressing the new "permanent save" button, the configuration will be stored into the flash.

### News:

- PPP Functions access control options changed
- Diagnose/system information optimized
- LED behavior changed
- "minicom" terminal emulation included
- Some WLAN Webmin modul changes

### New pakets:

ppp-2.4.4	TDT_20080624
TDT_PPP_Functions	TDT_20080624
TDT_GSM	TDT_20080624
pciutils-2.2.4	TDT_20080617
usbutils-0.72	TDT_20080617
TDTfactoryboot	TDT_20080619
gpiod	TDT_20080613
minicom-2.1	TDT_20060629
webmin-1.220	TDT_20080620

## Changes from **Version X.3.0**

<b>Vim63</b> *internal changes regarding RAMSIK handling	<b>TDT_20080602:</b>
<b>Grub-0.96</b> *boot menu via RS232 from now on can only be entered with "ENTER" key	<b>TDT_20080521:</b>
<b>lfs-bootscripts-3.2.1</b> *internal changes regarding RAMSIK handling	<b>TDT_20080602</b>
<b>configurations</b> *internal changes regarding RAMSIK handling	<b>TDT_20080530</b>
<b>TDT_RAMDISK</b> *new packet for RAMSIK handling	<b>TDT_20080530</b>
<b>linux-2.6.19</b> *new driver for Sierra Wireless MC8785V and Option GTM 380 modem inserted	<b>TDT_20080606</b>
<b>C1500_kernel_config</b> * boot menu via RS232 from now on can only be entered with "ENTER" key	<b>TDT_20080521</b>
<b>C2000_kernel_config</b> * boot menu via RS232 from now on can only be entered with "ENTER" key	<b>TDT_20080521</b>
<b>C2000x_kernel_config</b> * boot menu via RS232 from now on can only be entered with "ENTER" key	<b>TDT_20080521</b>
<b>TDT_DMI</b> *internal changes regarding RAMSIK handling	<b>TDT_ 20080602</b>
<b>sachu4_v1_2_annexB</b> *Bugfix: modem driver has stopped after three retries	<b>TDT_20080519</b>
<b>TDT_PPP_Functions</b> *Dual SIM support optimized * Support for Sierra Wireless MC8785V and Option GTM 380 inserted	<b>TDT_20080610</b>
<b>TDT_GSM</b> *Changes regarding Siemens MC75 modem * Support for Sierra Wireless MC8785V and Option GTM 380 inserted	<b>TDT_20080604</b>
<b>openswan-2.4.9</b> *workaround regarding "FQDN" and "user FQDN" * NUL (hex 00) - terminated FQDN IDs are allowed now	<b>TDT_20080603</b>
<b>Update-System</b> *internal changes regarding RAMSIK handling	<b>TDT_20080602</b>
<b>webmin-1.220</b> *internal changes *During saving the configuration with "SRD Configuration Functions", the whole etc directory will be stored into flash.	<b>TDT_20080610</b>

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\*the Webmin modul can be configured individual for slow connections (i.e.: GPRS) under "System -> Webmin Users -> <User> "Personal theme". "Simple Webmin Theme" generates fewest data.

**finalize\_installation** **TDT\_20080530**  
 \*internal changes regarding RAMSIK handling

## Changes from **Version X.2.3**

**logrotate-3.7.1-2** **TDT\_20080507:**

\*/var/log/wtmp now also will be rotated by 2MB size (and monthly)

**TDT\_WLAN** **TDT\_20080508:**

\*Error messages report optimized  
 \*Support for WLAN-Module Compex WLM54GP23 added

## Changes from **Version X.2.2**

**C1500\_kernel\_config** **TDT\_20080422:**  
 \*IPv6 support prepared

**C2000\_kernel\_config** **TDT\_20080422:**  
 \*IPv6 support prepared

**C2000x\_kernel\_config** **TDT\_20080422:**  
 \*IPv6 support prepared

**M3000\_kernel\_config** **TDT\_20080422:**  
 \*IPv6 support prepared

**G5000\_kernel\_config** **TDT\_20080422:**  
 \*IPv6 support prepared

**TDT\_QoS** **TDT\_20080422:**  
 \*IPv6 support prepared

**net-tools-1.60** **TDT\_20080422:**  
 \*IPv6 support prepared

**iptables-1.3.7** **TDT\_20080422:**  
 \* IPv6 support prepared

**iputils-ss021109** **TDT\_20080422:**  
 \* IPv6 support prepared

**ppp-2.4.4** **TDT\_20080422:**  
 \* IPv6 support prepared

**TDT\_PPP\_Functions** **TDT\_20080428:**  
 \*WLAN interface support added  
 \*ISP- failover handling changed. Default route will be added before IPSec connection will be established.

**ipvsadm-1.24** **TDT\_20080422:**  
 \* IPv6 support prepared

**DSTM.0610**

\*new packet: DSTM is handling IPv6 tunnelling

TDT\_20080422:

**Changes from Version X.2.1****TDT\_PPP\_Functions**

\* Support of Huawei E220, E870, Sierra Wireless MC8755, Option GTM 378 and Novatel EU850D UMTS Modems  
 \* Support of Thomson USB DSL-Modem  
 \* DNS server update and DynDNS.org inserted  
 \*Bugfix: DSL synchronization delayed  
 \*Help files inserted

TDT\_20080418:

**Webmin-1.220**

\*Some internal changes

TDT\_20080408:

**TDT\_GSM**

\* Webmin modul updated for new cards  
 \*Dual SIM functionality added  
 \*Sierra Wireless, Huawei E220,E870 and Option GTM378 Modem added

TDT\_20080417:

**ppp-2.4.4**

\*IPv6 activated

TDT\_20080418:

**Linux-2.6.19**

\*Novatel EU850D added

TDT\_20080311:

**TDT\_WLAN**

\* documentation inserted

TDT\_20080408:

**Toolchain\_precompiled**

\*internal changes

TDT\_20080327:

**udev-071**

\*udev daemon for data in- and out- put added

TDT\_20080328:

**linux-atm-2.4.1**

\*linux-atm for ATM support installed

TDT\_20080407:

**bind-9.3.1**

\*new Webmin module "DNS server Update"  
 \*direct update from DNS server is now possible

TDT\_20080310:

**sachu4\_v1\_2\_annexB**

\*drivers for Thomson Sachu4 Speedtuch DSL Modem added

TDT\_20080407:

**IO-Socket-SSL-1-13**

\*perl library added

TDT\_20080310:

**openswan-2.4.9**

\* Changes in Webmin module: left- and right- IP can be used now as hostname

TDT\_20080421:

**ddclient-3.7.3**

\* new packet for DynDNS update

TDT\_20080310:

**TDT\_hwinfo** TDT\_20080415:  
\*different hardware information's can be stored to mainboard with this packet

## Changes from **Version X.2.0**

**TDT\_PPP\_Functions** TDT\_20080218:  
\* PPPoE support inserted

**Webmin-1.220** TDT\_20080130:  
\*Some internal changes

**Lfs-bootscrips-3.2.1** TDT\_20090130:  
\*Bridge support added

**G5000\_kernel\_config** TDT\_20080130:  
\*VLAN support added  
\*internal changes

**M3000\_kernel\_config** TDT\_20080130:  
\*universal TUN/TAB device and enhanced real time clock added  
\*cryptodev driver added  
\*VLAN support added  
\*Bridge support added

**Dhcp-3.0.2** TDT\_20080123:  
\*standard dhcpd.conf added

**ppp-2.4.4** TDT\_20080208:  
\*PPPoE support added

**linux-2.6.19** TDT\_20080122:  
\*Siemens HC15 and Option globetrotter 7.2 added

**C1500\_kernel\_config** TDT\_20080218:  
\*VLAN support activated  
\*Ethernet bridges support added  
\*USB CDC-ACM modems added

**TDT\_DMI** TDT\_20080226:  
\*internal changes

**TDT\_Qos** TDT\_20071217:  
\* internal changes regarding TUN/TAB support

**openssl-0.9.8g** TDT\_20080122:  
\*openssl-0.9.7g replaced with openssl-0.9.8g

**openssh-4.1p1** TDT\_20080122:  
\* openssh-4.1p1 replaced with openssh-4.7p1

**cyrus-sasl-2.1.22** TDT\_20080225:  
\*packet for simple authentication and security layer added

**postfix-2.2.9** TDT\_20080225:  
\*SMTP-AUTH and TLS support activated

<b>iptables-1.3.7</b> *iptables-1.3.6 replaced with iptables-1.3.7	TDT_20070104:
<b>vlan-1.9</b> *vlan functions added	TDT_20080130:
<b>wireless_tools.29</b> *WLAN functions added	TDT_20071009:
<b>madwifi-0.9.3.3</b> * WLAN functions added	TDT_20071018:
<b>wpa_supplicant-0.6.0</b> * WPA added	TDT_20071009:
<b>hostapd-0.6.0</b> * WLAN hostap added	TDT_20080221:
<b>lm_sensors-2.10.1</b> * lm_sensors-2.9.2 replaced with lm_sensors-2.10.1	TDT_20070105:
<b>net-snmp-5.2.1.2</b> * Bugfix: small changes in Webmin module	TDT_20080123:
<b>gmp-4.2.1</b> * gmp-4.1.4 replaced gmp-4.2.1	TDT_20070626:
<b>openswan-2.4.9</b> * openswan-2.4.8 replaced with openswan-2.4.9	TDT_20070801:
<b>libieee1284-0.2.10</b> * changes for display driver at C2000 router	TDT_20070810:
<b>TDT_WLAN</b> * WLAN functions added *EAP added *Ethernet bridge function added	TDT_20080226:
<b>bridge-utils-1.2</b> * ethernet-bridges enabled	TDT_20080130:
<b>gpoid</b> * reset taster functions added	TDT_20080208:
<b>compile_install_kernel</b> * internal changes	TDT_20080122:

## Changes from **Version X.1.12**

<b>TDT_PPP_Functions</b> * Dynamic dial scheduler: some small changes	TDT_20080118:
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## Changes from **Version X.1.11**

<b>TDT_PPP_Functions</b> * Dynamic dial scheduler: some small changes	TDT_20080117:
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**Webmin-1.220**

\*Ethernet bridge configuration inserted

TDT\_20080115:

**Changes from Version X.1.10****Webmin-1.220**

\* Bugfix from changes at 07.11.2007

TDT\_20080115:

**Changes from Version X.1.9****TDT\_PPP\_Functions**

\* Bugfix: some small changes

\* ISDN leased line support inserted

\* Dynamic dial scheduler: routing gateways support inserted

TDT\_20071220:

**Webmin-1.220**

\*some internal changes

TDT\_20071107:

**ifs-bootscrips-3.2.1**

\*internal changes

TDT\_20071019:

**dhcp-3.0.2**

\*dynamic handling of /etc/resolv.conf added

TDT\_20071019:

**ntp-4.2.0**

\*bugfix: if there is no NTP Server configured NTP stops at startup

TDT\_20071123:

**ppp-2.4.4**

\*ISDN leased line support added

TDT\_20070911:

**capi4k-utils-2005-07-18**

\*Fritz Card driver added

TDT\_20070914:

**fcsl2-3.11-07**

\*Fritz Card driver added

TDT\_20070914:

**fcslusb2-3.11-07**

\*default profil configuration added

\* Fritz Card driver added

TDT\_20070914:

**fcpci-3.11-07**

\*default profil configuration added

\* Fritz Card driver added

TDT\_20070914:

**TDT\_GSM**

\*some small bug fixes

TDT\_20070824:

**Ifplugged-0.28**

\*ifplugged network packet added

TDT\_20071018:

**Changes from Version X.1.8****ppp-2.4.4**

\* Bugfix:

\* Support of Option GlobeTrotter 3G

TDT\_200700824:

**Webmin-1.220** TDT\_20070907:  
 \* GRE and IP/IP configuration added

**Lfs-bootscrips-3.2.1** TDT\_20070907:  
 \*GRE and IP/IP tunnel support added

**G5000\_kernel\_config** TDT\_20070903:  
 \*GRE and IP/IP tunnel support added

**M3000\_kernel\_config** TDT\_20070903:  
 \*Bugfix in kernel-version 2.6.19  
 \*GRE and IP/IP tunnel support added  
 \*Enhanced real time clock added

**Eicon\_Diva\_107.137-1** TDT\_20070817:  
 \*new driver inserted  
 \*login name changed

**TDT\_GSM** TDT\_20070824:  
 \*Webmin modul updated for new cards

**TDT\_ISDN** TDT\_20070903:  
 \*Bugfix/workaround in kernel-version 2.6.19  
 \*some changes regarding farsite  
 \*loging optimized

**Update-System** TDT\_20070403:  
 \*Update-System is running now on every disk drives

**Lsof\_4.78** TDT\_20070502:  
 \*Lsof for better diagnostic inserted

**Finalize\_installation** TDT\_20070626:  
 \*internal changes

## Changes from Version X.1.7

**ppp-2.4.4** TDT\_20070:  
 \* Bugfix:

**rp-pppoe-3.8** TDT\_20070612:  
 \*new packet for tty-device opening inserted

## Changes from Version X.1.6

**TDT\_PPP\_Functions** TDT\_20070807:  
 \* Bugfix: Parameter "sync" from ADSL Configuration can not be saved

**Webmin-1.220** TDT\_20070613:  
 \* Bugfix: Problem with "Update-System" fixed

## Changes from Version X.1.5

**Openswan-2.4-7** TDT\_20070502:  
 \* update from openswan-2.4.7 to openswan-2.4.8

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## Changes from **Version X.1.4**

**ppp-2.4.4****TDT\_20070502:**

- \* Bugfix: Timing problem after ppp coming up solved (in coherence with parameter "force local ip")
- \* Webmin help files inserted

**TDT\_PPP\_Functions****TDT\_20070504:**

- \*New UMTS card "Option GlobeTrotter Express 7.2" implemented

**TDT\_GSM****TDT\_20070504:**

- \*Bugfix in Webmin module
- \*support for "Option GlobeTrotter Fusion Quad Lite"
- \*support for "Option GlobeTrotter Express 7.2"

**linux-2.6.15.4****TDT\_20070312**

- \*support for "Option GlobeTrotter Express 7.2"

## Changes from **Version X.1.3**

**TDT\_PPP\_Functions****TDT\_20070226:**

- \* ISDN line test inserted
- \* Help files inserted
- \* In "dynamic Dial Up Scheduler" support for more than one IPSec tunnels implemented.

**isdn\_alive\_test****TDT\_20070423**

- \* new module for ISDN self test

**webmin-1.220****TDT\_20070326**

- \* the buttons "set time to hardware" and "set time to system time" are working now correct.

## Changes from **Version X.1.2**

**Lfs-bootscrips-3.2.1****TDT\_20070201:**

- \* Some internal changes
- \* Startup scrips for a better remote connection after faults changed.

**Configurations****TDT\_20070131:**

- \*Filesystem "ext\_2" in /etc/fstab insterted to enable a filesystem-check during bootup

**M3000\_kerel\_config****TDT\_20070103:**

- \*Kernel 2.6.19 support implemented

**TDT\_DMI****TDT\_20070108:**

- \*internal changes

**atop-1.17****TDT\_20070103:**

- \*internal changes for boot up

**rng-tools-2****TDT\_20070103:**

- \* support for new kernel 2.6.19

**ppp-2.4.4****TDT\_20070207:**

\*support for AVM Fritz!Card DSL USB v2.0 inserted

\* Webmin changes

\* changes for isp- failover

**Initialize\_installation** **TDT\_20061222:**  
\*preparing LVS

**capi4k-utils-2005-07-18** **TDT\_20070226:**  
\*some unnecessary default configuratios removed

**Saphir-S02.8.9.111-gcc3** **TDT\_20070226:**  
\* new driver inserted

**TDT\_PPP\_Functions** **TDT\_20070226:**  
\* Webmin changes  
\* Ping support via IPSec tunnel

**ndiswrapper-1.33** **TDT\_20070104:**  
\*new version for W-LAN support

**TDT\_GSM** **TDT\_20070226:**  
\*support for kernel 2.6.19  
\*changes for better configuration

**keepalived-1.1.13** **TDT\_20070105:**  
\*new Version implemented

**net-snmp-5.2.1.2** **TDT\_20070131**  
\*Bugfix in Webmin module solved

**pciutils-2.2.4** **TDT\_20070104**  
\* new package inserted

**libusb-0.1.12** **TDT\_20070104**  
\* inserting new package "libusb"

**usbutils-0.72** **TDT\_20070104**  
\* new version from "usbutils" package

**Update-System** **TDT\_20070403**  
\* during the update the new hda will be formatted.  
\* Update system is running now with all disc drives in system.

**webmin-1.220** **TDT\_20070326**  
\* memory details are in MB instead of KB

## Changes from **Version X.1.1**

**Initialize\_installation** **TDT\_20061222:**  
\*preparing LVS

**Linux-2.6.15.4** **TDT\_20061204:**  
\*adding "multicast Linux patch and support of Novatel Merlin XUB70

**M3000\_kernel\_config** **TDT\_20061211:**



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\*New parameters: "Silent Mode", "PPP interface routing metric", "Send Call Proceed(NT)", "Force local IP" and "Defaultroute"

\*Bugfix: Parameter "Magic Number Negotiation" was displayed wrong in Webmin module

\*Support of Novatel Merlin XU870 and Alcatel SpeedTouch USB DSL Modem

**TDT\_PPP\_Dial-In\_Functions**

**TDT\_20061208:**

\*Bugfix in Webmin module

**TDT\_GSM**

**TDT\_20061204:**

\*New Status for GSM state inserted

**Update-System**

**TDT\_20061123:**

\*Now it is possible to configure via Webmin module is system 1 or 2 should be the power up system

**TDT\_X25\_GATE**

**TDT\_20061207:**

\*some internal changes

\* Inserting a delay for the TCP syn ack

\*Bugfix: If there was no traffic, the X.25 daemon stopped after 71 minutes

**Eicon\_Diva-106.628-1**

**TDT\_20061018:**

\*Bugfix: SNMP MIBs are copied now to the right directory

**TDT\_ISDN**

**TDT\_20070105:**

\*Bugfix: Parameter "nocallback" in PPP was always on

\*Bugfix: Parameter "mtu" in PPP was not configurable

\*Bugfix: In Webmin under PPP interfaces there was no possibility to select "none"

**TDT\_PAD**

**TDT\_20061207:**

\* Bugfix: If there was no traffic, the daemon stopped after 71 minutes

**asterisk-1.4.0**

**TDT\_20070102:**

\*Including new module for VoIP support

**chan-capi-trunk-SVN-2006-12-04**

**TDT\_20061204:**

\*\*Including new module for VoIP support

**webmin-1.220**

**TDT\_20061201:**

\*internal changes

\*New button for selecting the "Default Bootup Partition"

\*Now its possible via Webmin to realize an "Update System"

**openswan-2.4.7**

**TDT\_20061115:**

\*Update to this new version

**xl2tp-1.1.05**

**TDT\_20061124:**

\* Update to this new version

**Changes from Version X.0.4**

**ppp-2.4.4**

**TDT\_20060908**

\*Changes in Webmin module

**TDT\_PPP\_Functions**

**TDT\_20060821**

\*Changes in Webmin module

**TDT\_PPP\_Dial-Up\_Functions**

**TDT\_20060908**

\*Support for MULTIPATH dialup connections

\*Changes in Webmin module

<b>TDT_PPP_Dial-In_Functions</b>	<b>TDT_20060908</b>
* New packet for ISDN dial in	
<b>Option_GlobeTrotter_Fusion+_HSDPA</b>	<b>TDT_20060908</b>
*New driver package installed	
<b>Im_sensors-2.9.2</b>	<b>TDT_20060830</b>
* Help file in Webmin module inserted	
<b>ipvsadm-1.24</b>	<b>TDT_20060830</b>
* Help file in Webmin module inserted	
<b>openswan-2.4.6</b>	<b>TDT_20060829</b>
* New release from openswan included	
<b>Update-System</b>	<b>TDT_20060829</b>
*Bugfix: incompatible configuration after software update was not red lighted	
<b>webmin-1.220</b>	<b>TDT_20060830</b>
* Help file in Webmin module inserted	

## Changes from **Version X.0.3**

<b>M3000_kernel_config</b>	<b>TDT_20060816:</b>
*Internal changes	
<b>ppp-2.4.4</b>	<b>TDT_20060821</b>
*Implementation of a new 4 port ISDN card	
<b>capi4k-utils-2005-07-18</b>	<b>TDT_20060821</b>
*Internal changes	
<b>fcdsl2-3.11-07</b>	<b>TDT_20060821</b>
* Internal changes	
<b>Saphir-S0-2.8.4.101-gcc3</b>	<b>TDT_20060821</b>
* Installation of HST S0 ISDN controller	
<b>TDT_PPP_Functions</b>	<b>TDT_20060821</b>
*Support of more than one ISDN controller	

## Changes from **Version X.0.2**

<b>Shadow-4.0.9.</b>	<b>G5000_20060731:</b>
<b>and</b>	
<b>configurations</b>	<b>G5000_20060801:</b>
*Default root password changed to "tdt"	
* Default configuration for act as router to "yes"	

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<b>M3000_Kernel_config and G5000_Kernel_config</b>	<b>G5000_20060724: G5000_20060724</b>
* Support for 4 port Ethernet interface card sundance (i.e.: DFE 580TX)	
<b>capi4k-utils-2005-07-18</b>	<b>G5000_20060711</b>
* internal changes for PPP dial in	
<b>TDT_PPP_Functions</b>	<b>G5000_20060731</b>
* including default dial in settings	
<b>Im_sensors-2.9.2.</b>	<b>G5000_20060726</b>
* new calculation for Winbond wB3627hf chip on G5000 and wB3697hf chip for M3000	
<b>xl2tpd_1.04</b>	<b>G5000_20060725</b>
* changes in Webmin module	
<b>TDT_ISDN TDT_PAD</b>	<b>G5000_20060801 G5000_20060720</b>
* internal changes	
<b>asterisk-1.2.9.1 and chan_capi-cm-0.6.5</b>	<b>G5000_20060726 G5000_20060726</b>
* including asterisk for SIP an VOIP functions	
<b>webmin-1.220</b>	<b>G5000_20060731</b>
* changing default username and password to "tdt"	
<b>Update-System</b>	<b>G5000_20060801</b>
* The parameters for Update System are not case sensitive anymore	

## Version X.0.1

### Initialize Version