



DATE: 05/08/2009

SUBJECT: Release Notes - CE 5.0 Wyse FR3 build 590 for V class (V30, V30L & V30LE) and S class (S30 & SL30) platform- for US and International English

Please note this Release is having compatibility to support V30, V30L, V30LE, and S30 & SL30

This build can also be used for V30, V30L and V30LE without PCMCIA slot and SD card slot.

The minimum flash required for this release of CE 5.0, is 64 MB.

This build is going to replace earlier SQA released CE 5.0 build 563.18 and 581 for respectively VL class, V Class and S class

Build Details:

32 MB Padded

Platform(s)	Wyse S30 Thin Client (ROHS & Non-ROHS)
Version	5.0
Build number	590
Build File Name	C590_0_Wye93.bin
Size(Bytes)	30276563 bytes
MD5 Check sum	342F67C2BDD480F4CD4AEE4C229E97F1
Checksum32	99946AB9
Localization	US & International English

Platform(s)	Wyse V30 Thin Client
Version	5.0
Build number	590
Build File Name	V590_0_Wye93.bin
Size(Bytes)	31737015 bytes
MD5 Check sum	1DF9281C908178B0BC394F04788B1D54
Checksum32	A3FE362C
Localization	US & International English

Platform(s)	Wyse V30L & V30LE Thin Client
Version	5.0
Build number	590
Build File Name	VL590_0_Wye83.bin
Size(Bytes)	31968395 bytes
MD5 Check sum	78673BC8CE6429C1A3F262E8D1CFF2E2
Checksum32	A4E38757
Localization	US & International English

64 MB Padded

Platform(s)	Wyse S30 Thin Client (ROHS)
Version	5.0
Build number	590
Build File Name	C590_0_Wye94.bin
Size(Bytes)	31595115 bytes
MD5 Check sum	E850FBA78C9D9BDD05D217793597BF90
Checksum32	9EB93F5D
Localization	US & International English

Platform(s)	Wyse V30 Thin Client
Version	5.0
Build number	590
Build File Name	V590_0_Wye94.bin
Size(Bytes)	33055567 bytes
MD5 Check sum	681DCACB696F06A0193CE677391F5F99
Checksum32	A92458D3
Localization	US & International English

Platform(s)	Wyse V30L & V30LE Thin Client
Version	5.0
Build number	590
Build File Name	VL590_0_Wye84.bin
Size(Bytes)	33286951 bytes
MD5 Check sum	60A781A87DB809C9A2B4BB0B3712D002
Checksum32	AA06DB25
Localization	US & International English

Bios Details

Platform	Wyse S30 Thin Client (ROHS & Non-ROHS)
Version	1.15
Build number	N/A
Build File Name	sat_ce.rom
Size(Bytes)	262144 bytes
MD5 Check sum	E2CB7055E70372AE5D47D5975268E6AD
Checksum32	16BBFA9

Platform	Wyse V30 Thin Client
Version	1.13
Build number	N/A
Build File Name	vns_ce.rom
Size(Bytes)	524288 bytes
MD5 Check sum	DEBB04FFAF01A7F82B79192EF52DE19A
Checksum32	5647500

Platform	Wyse V30L & V30LE Thin Client
Version	1.14
Build number	N/A
Build File Name	vl_ce.rom
Size(Bytes)	524288 bytes
MD5 Check sum	649F8338117F9B096DBB949C1A256FED
Checksum32	4DCBE00

Boot Sequence (as appearing in the BIOS)

Wyse S30 Thin Client (ROHS & Non-ROHS)

- 1st Boot : IDE
- 2nd Boot : USB
- 3rd Boot : PXE

Wyse V30, V30L & V30LE Thin Client

- 1st Boot : Hard Disk
- 2nd Boot : USB FDD
- 3rd Boot : LAN

WDM Compatibility:

Build 589 has compatibility with WDM 4.7.2 build 372.

Add-on details:

Chart 1-a: List of Add-ons available in the 32 MB padded image.

The following add-ons are part of the padded image.

Wyse S30 Thin Client (ROHS & Non-ROHS)

Add-on Name	Build Number
AMDDisablePXE	0001
Certificates	00140004
EdgePort21	0018
Ericom	0029
HAgent	0108
IE	00610012
ICA10	00980008
JetCET	0043
Mass Storage	00310009

Add-on Name	Build Number
RDP	00610013
Remote Shadow	0029
Screen Lock	00170002
Screen Lock ICAVC	0006
Screen Saver	00080001
SNMP	00310008
USB to Serial	0012
USB Modem	0005

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Add-on Name	Build Number
Edgeport	0018
Atheros	0002
CERTIFICATES	00140004
ERICOM	0029
ICA10	00980008
IE	00610012
JetCet	0043
Ms-Storage	00310009
HAgent	0108
RDP	00610013

Add-on Name	Build Number
Remote Shadow	0029
SCRLOCK	00170002
SCRSAVER	00080001
ScrLock ICAVC	0006
SNMP	00310008
USB to Serial	0012
USB Modem	0005
Via Wlan	00050001
ViaDisablePXE	0003

Wyse V30L & V30LE Thin Client

Add-on Name	Build Number
Edgeport	0018
Atheros	0002
CERTIFICATES	00140004
ERICOM	0029
ICA10	00980008
IE	00610012
JetCet	0043
Ms-Storage	00310009
HAgent	0108
RDP	00610013

Add-on Name	Build Number
Remote Shadow	0029
SCRLOCK	00170002
SCRSAVER	00080001
ScrLock ICAVC	0006
SNMP	00310008
USB to Serial	0012
USB Modem	0005
Via Wlan	00050001
ViaDisablePXE	0003

Chart 1-b: List of Add-ons available in the 64 MB padded image.

The following add-ons are part of the padded image.

Wyse S30 Thin Client (ROHS)

Add-on Name	Build Number
AMDDisablePXE	0001
Certificates	00140004
EdgePort21	0018
Ericom	0029
HAgent	0108
IE	00610012
ICA10	00980008
JetCET	0043
Mass Storage	00310009
RDP	00610013
Remote Shadow	0029
Screen Lock	00170002

Add-on Name	Build Number
Screen Lock ICAVC	0006
Screen Saver	00080001
SNMP	00310008
USB to Serial	0012
USB Modem	0005
PCSC_Drivers**	0025
PPPoE**	00120002
PPTP**	00230002
DIALUP**	00240002
ELOTOUCH**	0016
ELTOUCHUSB**	0009

Wyse V30, V30L & V30LE Thin Client

Add-on Name	Build Number
Edgeport	0018
Atheros	0002
CERTIFICATES	00140004
ERICOM	0029
ICA10	00980008
IE	00610012
JetCet	0043
Ms-Storage	00310009
HAgent	0108
RDP	00610013
Remote Shadow	0029
SCRLOCK	00170002
SCRSAVER	00080001

Add-on Name	Build Number
ScrLock ICAVC	0006
SNMP	00310008
USB to Serial	0012
USB Modem	0005
Via Wlan	00050001
ViaDisablePXE	0003
PCSC_Drivers**	0025
PPPoE**	00120002
PPTP**	00230002
DIALUP**	00240002
ELOTOUCH**	0016
ELTOUCHUSB**	0009

Chart 1-a: List of new Add-ons available in the 64 MB padded image.

Application	Add-on or s/w Filename	Version	Build Number	Size (Bytes)
PCSC_DRIVER	PCSC_DRIVER	3.0	25	400684
PPPoE	PPPoE	1.0	12.2	280792
PPTP	PPTP	1.1	23.2	248880
DIALUP	DIALUP	2.1	24.2	260408
ELOTOUCH	ELOTOUCH	1.0	16	61636
ELOTOUCHUSB	ELOTOUCHUSB	2.0	9	67020

Chart 2-a: List of Add-ons not included in the 32 MB Padded image.

The following add-ons are available separately and are not included in the padded Image. These add-ons are being release with new build numbers.

Application	Add-on or s/w Filename	Version	Build Number	Size (Bytes)
PCSC_DRIVER	PCSC_DRIVER	3.0	25	400684
PPPoE	PPPoE	1.0	12.2	280792
PPTP	PPTP	1.1	23.2	248880
DIALUP	DIALUP	2.1	24.2	260408
ELOTOUCH	ELOTOUCH	1.0	16	61636
ELOTOUCHUSB	ELOTOUCHUSB	2.0	9	67020

Other Major OS components (if applicable):

- Support LDAP Authentication (Requires LDAP-Auth add-on).
- Support ICA 10.x client.
- Wide range of USB mass-storage devices supported.
- WPA2 complaint wireless Access Points via supported wireless adaptors.
- The system is padded with a new add-on to support internal wireless (VIA VT 6656 Internal Wireless Adapter)
- RDP 5.5
- Jetcet 4.x
- VNC support in CE 5.0
- Same image to support both V30L and V30LE platform.

What is new in this build (In respect to last released build of VL):

- WPA2
- Latest ICA Client
- RDP Fixes
- Jetcet 4.x
- Xen Desktop Support
- VDM Support (with separate Addon)

List of CIR/ TIRs got fixed in build 590

- None

The following resolutions are available in this build:

S30 (ROHS & Non-ROHS):

- Best Available Using DDC
- 640x480
- 800x600
- 1024x768
- 1152x864
- 1280x1024
- 1440x900
- 1600x1200 (Available only with 8 bit and 16 bit of color quality)
- 1680x1050 (Available only with 8 bit and 16 bit of color quality)

V30:

- Best Available Using DDC
- 640x480
- 800x600
- 1024x768
- 1280x1024
- 1600x1200
- 1920x1200
- 1920x1440

V30L & V30LE:

- Best Available Using DDC
- 640x480
- 800x600
- 1024x768
- 1280x768
- 1280x960
- 1280x1024
- 1440x900
- 1680x1050
- 1600x1200
- 1920x1080
- 1920x1200
- 1920x1440 (Available only in CRT mode)

PERIPHERALS AND OTHER HARDWARE TESTED:

The following is the list of peripherals and other hardware tested:

1. Activ Card smart card readers USB interface.
2. Addonics External CD-ROM drive – USB interface.
3. Bus link USB CD-Rom drive.
4. Cherry RS 6700 USB smart card keyboard
5. Cherry SmartTerminal ST-1044U Smart Card Reader
6. Cisco Access Point 1130.
7. Crucial 128 MB USB flash drive.
8. Dell 1905FP (19" LCD) Monitor.
9. Dell 2405FPW (21" LCD Wide Screen) Monitor
10. D-link external 56K serial Modem.
11. DT Mini Fun Kingston 1GB
12. Edge port /21 (PN – 50000800-01).
13. Edgeport/1 : P/N -50000823-01 (USB to serial converter)
14. Edgeport/1 : P/N -50000841-01 (USB to serial converter)
15. Elo Touch Screen Serial and USB
16. Epson LX-300 +
17. Foxconn DVI-I to DVI-D + VGA Y-cable (P/N: CBL30334-0300) for V30L/LE models
18. Gem PC Twin USB smart card reader.
19. Gestetner DS627
20. HP Business Inkjet 1100.
21. HP color LaserJet 4650
22. HP LaserJet 1300
23. HP LaserJet 1320
24. Identix-200: P/N – DFR500
25. Identix-500: P/N – BTO-200-GEN-USB
26. Iomega CD-RW (Model No. CDRW5529EXT).
27. Iomega Floppy Drive – USB interface
28. Iomega USB Zip drive (100/250MB).
29. Kingston DataTraveler II 1GB
30. Lexar Jump Drive 512 MB
31. MCT USB to Parallel Converter Cable (920207-02)

32. MCT USB to Serial Converter Cable (920207-01)
33. Memorex Traveldrive 1GB
34. Memorex Traveldrive 4GB
35. Omnikey CardMan 3021 Smart Card Reader
36. Omnikey CardMan 3121 smart card reader USB interface.
37. PNY 128 and 256 MB flash drive – USB interface.
38. SanDisk 12-in-1 card reader.
39. SanDisk CRUZER micro 1GB
40. SanDisk CRUZER micro 2GB
41. SanDisk CRUZER micro 4GB
42. SanDisk CRUZER micro 512 MB
43. SanDisk CRUZER mini 512 MB
44. SCR331 smart card reader USB interface.
45. SimpleTech 90000-60016-004U 2GB
46. US Robotics USR5421
47. USB ZOOM MODEM 2985L 56K V.90
48. V30L Internal smart card reader.
49. Verbatim 1GB
50. VIA external VT6656 USB wireless adapter
51. Viewsonic VX2835 WM (25" LCD wide screen) Monitor

Known Issues SUMMARY:

Issues found during this testing cycle

- **TIR42875:** Imaging: The client does not boot to OS giving "Missing NK.Bin" error message after downgrading via FTP
- **TIR43007:** IE: Popup are blocked for website even when included in the popup exceptions list.
- **TIR43012:** IE: Favourites are not preserved when IE connection is edited.
- **TIR42616:** Ericom: Keyboard language mismatch between the GUI and Terminal Emulation
- **TIR42500:** RDP: RDP Session Task Bar is behind the Terminal Task Bar
- **TIR42593:** LPR: LPR is not printing ICA session.
- **TIR42482:** Display : SL30 display resolution 1680x1050@32bit not support
- **TIR42548:** ICA: Overwriting the existing connection
- **TIR42539:** Terminal Wakes up after selecting Shutdown or Reboot from WDM Server
- **TIR40355:** Wrong colors e.g., in Excel
- **TIR43366:** Mass Storage: floppy drive doesn't get mapped in RDP & ICA session
- **TIR44076:** DDC: Best Available DDC is not working properly.

Note: All the active TIRs, raised on earlier version of CE 5.0, are still valid for this build.