| Release Note | Alcatel-Lucent IPTOUCH 40x8/40x9 Deskphone |
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**TC1669 ed.03** ● ● ● ● ●

# TECHNICAL RELEASE NOTES FOR 4.32.70, 4.22.40 AND 3.81.70 SOFTWARE

Technical Release Notes of 4.32.70 and 4.22.40 software for 40x8 Deskphone and of 3.81.70 for 40x9 Deskphone

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# 1 INTRODUCTION

This document provides the technical release notes of NOE releases 4.32.60 and 3.81.40 respectively for IP Touch 40x8 & Digital 40x9 series, including technical information, new features, changelog and restrictions.

# 2 REMINDER OF 40X8 AND 40X9 RANGE PHONE

**Alcatel-Lucent 8/9 series** sets include a full range of IP/TDM sets. They are:

- **Alcatel-Lucent 8 series** sets , namely:
  - **Alcatel-Lucent IP Touch 4068 Phone**
  - **Alcatel-Lucent IP Touch 4038 Phone**
  - **Alcatel-Lucent IP Touch 4028 Phone**
  - **Alcatel-Lucent IP Touch 4018 Phone**
  - **Alcatel-Lucent IP Touch 4008 Phone**

- **Alcatel-Lucent IP Touch 8 series phone Extended Edition** sets, namely:
  - **Alcatel-Lucent IP Touch 4068 phone Extended Edition**
  - **Alcatel-Lucent IP Touch 4038 phone Extended Edition**
  - **Alcatel-Lucent IP Touch 4028 phone Extended Edition**

- **Alcatel-Lucent 9 series** sets, namely:
  - **Alcatel-Lucent 4039 Digital Phone**
  - **Alcatel-Lucent 4029 Digital Phone**
  - **Alcatel-Lucent 4019 Digital Phone**

**Alcatel-Lucent 8 series** and **Alcatel-Lucent IP Touch 8 series phone Extended Edition** sets present minor differences, expressly indicated when applicable. When their features and capabilities are identical, only **Alcatel-Lucent 8 series** sets are mentioned.
Top-of-the-range Alcatel-Lucent **IP Touch 4028/4038/4068 phone Extended Edition** set provide "Gigabit" Ethernet interfaces.
**Alcatel-Lucent IP Touch 4008/4018** and **Alcatel-Lucent 4019 Digital Phone** sets are low end sets and offer some limitations compared to higher end sets.
All **Alcatel-Lucent IP Touch 4028/4038/4068** and **Alcatel-Lucent 4029/4039 Digital Phone** offer the same features but are different in their color and backlight features.
Furthermore, the **Alcatel-Lucent IP Touch 4068 Phone** offers Bluetooth headset or handset.

## 2.1 Version numbering

**IPTOUCH 8 series versions are numbered 4.XZ.AB where :**
- **4.3** : NOE IP release 7.1 step3/step4/step5 and R7.2

- **4.2** : NOE IP release 7.1 step1/step2 and R7.2
- Z.A :incremented for official deliveries. Z used to differentiate EXPORT (0-4)  or FULL (5-9) binary.

R4.3 and R4.2 are software release version of NOE IP, and delivered in different product release. For example, 4.2  is delivered in OmniPCX Enterprise R9.1, 4.3 is delivered in OmniPCX Enterprise R10.x.

**IPTOUCH 9 series versions are numbered 3.XZ.AB.**

- Version 3.81.70 is for 4029 and 4039 phone. Version 3.81.00 is for 4019 phone.

## 2.2 Delivered files

The following files are delivered:

**4008, 4018 :**

- bin4018    bootloader binary (full & export)
- noe4018e   application binary, export
- noe4018f   application binary, full
- dat4018    datas binary (full & export)

**4028,4038,4068 Fast Edition :**

- bin40x8    bootloader binary (full & export)
- noe40x8e   application binary, export
- noe40x8f   application binary, full
- dat40x8    datas binary (full & export)

**4028,4038,4068 Extended Edition:**

- bin40x8G   bootloader binary (full & export)
- noe40x8Ge  application binary, export
- noe40x8Gf  application binary, full
- dat40x8G   datas binary (full & export)

**4019, 4029,4039:**

- the binaries are embedded in call server

**Addons:**

- Bluetooth handset is downloadable. Version is 3.60.10
- AOM-el is downloadable
- AOM10/40 not downloadable, they are manufactured with the version
- Localization are available.
- Customization files are available.

# 3 INFORMATION ON 4.32.70 and 4.22.40 BINARY FOR IPTOUCH PHONES 40x8

## 3.1 Corrections in 4.32.70 and 4.22.40

| Identifier | Siebel | headline |
|---|---|---|
| crms00412270 | 1-141479151 | No network connection after switch ON from sleep when the PC windows 7 is connected behind the IP Touch sets |
| crms00421523 | | IPtouch screensaver activated after just 1 minute |

## 3.2 Corrections in 4.32.60 and 4.22.30

| Identifier | Siebel | headline |
|---|---|---|
| crms00413002 | | DHCP discover packets are missing "end option" |
| crms00417014 | 1-142024186 | Issue with Prog Key for Door Opening does not work in R10 |
| crms00415845 | | Support new reocorder parameters(0x10H and 0x11H) in START_RECORDER_RTP ua message |
| crms00411748 | | SIP TLS - NICE recording issue, when authentication is enabled |

## 3.3 Corrections in 4.32.50 and 4.22.20

| Identifier | Siebel | headline |
|---|---|---|
| crms00381681 | | NOE in SIP TLS: IPtouch set doesn't send anymomre options message to the standby CS |

## 3.4 Corrections in 4.32.42 and 4.22.20

| Identifier | Siebel | headline |
|---|---|---|
| crms00400376 | | LLDP issue with IPTouch phone in R10 |
| crms00394666 | | Slowness problems on PC side when the PC is set to 100M full (forced) |
| crms00393418 | 1-137706991 | Random reset 4068EE sets with reset cause 32_ |

## 3.5 Corrections in 4.32.30 and 4.22.11

| Identifier | Siebel | headline |
|---|---|---|
| crms00392466 | | Set resets continously when noe-sip DSU logon over noe DSS in VPN link |

## 3.6 Corrections in 4.32.20 and 4.22.11

| Identifier | Siebel | headline |
|---|---|---|
| crms00377335 | | NOE BTHSv2 Enhancement for audio |
| crms00367705 | 1-132555505 | IP phones reset on site |
| crms00363906 | | vlan id is not taken into account through LLDP when doing a software reset |

| Identifier | Siebel | headline |
|---|---|---|
| crms00369223 | 1-132154671 | Huge delay 65535 seen in the IP tickets field 28 delay |
| crms00376264 | | [R7.2 802.1x TLS] NOE phone will auto effective parameter 'use Vlan', when 802.1x TLS enable |
| crms00374398 | | Beta R10.1: NOE IN SIP TLS:after restart of standby CS, an consecutive bascul all IPTouch EE restart |
| crms00360001 | 1-129116391 | Slowness problem on PC port when using IPTouch EE and asynchronous speed in auto |
| crms00363906 | 1-131492723 | vlan id is not taken into account through LLDP when doing a software reset |
| crms00327465 | | Sometimes,ringback tone can not be stop in conversation |

## 3.7 Corrections in 4.32.11 and 4.22.02

| Identifier | Siebel | headline |
|---|---|---|
| crms00369223 | 1-132154671 | Huge delay 65535 seen in the IP tickets field 28 delay |
| crms00376264 | | [R7.2 802.1x TLS] NOE phone will auto effective parameter 'use Vlan', when 802.1x TLS enable |
| crms00374398 | | Beta R10.1: NOE IN SIP TLS:after restart of standby CS, an consecutive bascul all IPTouch EE restart |
| crms00360001 | 1-129116391 | Slowness problem on PC port when using IPTouch EE and asynchronous speed in auto |
| crms00363906 | 1-131492723 | vlan id is not taken into account through LLDP when doing a software reset |
| crms00327465 | | Sometimes,ringback tone can not be stop in conversation |

## 3.8 Corrections in 4.32.00 and 4.22.01

| Identifier | Siebel | headline |
|---|---|---|
| crms00365648 | | separate the activation of "keep voice flow for IP touch" and "transparent reboot" features |

| | | |
|---|---|---|
| crms00372593 | | OXE J2 Desk Sharing:DSU is resetting continuously after updating encryption binary on a network logon to an encrypted node from an non-encrypted node |
| crms00372585 | | Desk Sharing: Requirement to create a new item in MMI to erase the Free seating parameter. |
| crms00371828 | | BTHSv2: unidirectional voice while calling external number |

# 4 DELIVERED FEATURES FOR IPTOUCH PHONES

## 4.1 Features delivered in 4.31.90 and 4.22.01

### 4.1.1 Keep talking mode / maintain on going communication

This feature is available only in  4028/4038/4068 EE phones in OXE environment.

The purpose of this feature is to avoid lost of active voice communication when signaling connection is lost with CS until user hang-up or remote party hang-up.

Idle sets reset immediately in a transparent reboot mode for the user

Ongoing communications are maintained, provided the IP network is still up between the call parties, but operations are limited: no softkey or hardkey work, except for the Loudspeaker, Mute/unmute, volume and Release keys. Set reboot in a transparent

mode at the end of the communication, or when no incoming RTCP traffic gets to the

set.

Note 1: At the end of the call, reboot is mandatory for the set to get back to normal operations, even if the connection with the CS (or PCS) is available again.

### 4.1.2 Transparent Reboot

This feature is available only in  4028/4038/4068 EE phones  in OXE environment.

Freeze the IPTouch screen during the reset in order to hide the reset to the user. This feature is correlated with "maintain on going communication".

If the keep talking is enabled, the transparent reboot feature is enabled too.

In transparent reboot mode, the set screen displays a screenshot of the home page until the genuine home page is available again. Users are not informed that their set is being reset and the set's MMI is not available.

### 4.1.3 Blue Tooth handset V2 support

From June 2012, the blue tooth handset for IPtouch 4068 EE phone (Ref. 3GV27059AB)  is replaced by a new blue tooth handset with the reference 3GV27059BB.

4.32.00 and 4.22.02 are the minimum mandatory binary release compliant with the new blue tooth handset. Thus, you should ensure your system includes this binary release or higher while deploying the Blue tooth handset V2.

For OmniPCX Enterprise, the minimum supported release are :

- OXE R9.1 I1.605.40 with 4.22.02 (in the 4.2x release)
- OXE R10 J1.410.48 with 4.32.00 (in the 4.3x release)

For OmniPCX Office, the minimum supported release are :

- R910 all version
- R900/020.001
- R820/031.001
- R710/093.001
- R610/051.001

If the phone runs an older version, it will not be possible to pair the BTH2 handset. Also, if the phone is paired with a BTH2 handset, it will refuse to downgrade to a lower version.

## 4.2 Features delivered in 4.31.10 and 4.21.50

### 4.2.1 New LCD on 4068 Extended Edition

From April 2013, the 4068EE is built with a new LCD. The phone is delivered with a compatible software 4.32.50. The secure version (Thales) which supports this new LCD is 4.26.50. In case of installation of the new phone on a secure installation, this version must be installed on the OmniPCX Enterprise.

The first 4048 produced with this new LCD has the serial number FCN01313013445. You can also distinguish it using the technical number which end by a 8 instead off 2.
**Example :**
3GV26068ABJA is new LCD
3GV26062ABJA is old LCD

The following version supports of the new LCD and refuses downgrade in case of not compatible version installed on system.
- 3.92.20 and later
- 4.21.50 and later
- 4.31.10 and later
- For SIP version 2.10.90 and later

## 4.2.1.1 Compatibilities for  OmniPcx Office

| OXO releases | 900 | 820 | 810 | 800 | 711 | 710/700 | 610 | 510 |
|---|---|---|---|---|---|---|---|---|
| Compatible firmware delivered | All versi on | All version | Since 8.1.050.00 1 | Since 8.00.43.00 1 | Since 7.11.085.00 1 | No delivery | Since 6.1.050 | Since 5.10.06 2 |

## 4.2.1.2 Compatibilities for OmniPcx Enterprise

| OXE releases | 10.1 | 10.0 | 9.1 | 9.0 | 8.1 | 8.0 |
|---|---|---|---|---|---|---|
| Compatible firmware delivered | All version | All version | Since I1.605.29 | No delivery | No delivery/need to copy 3.92.20 binaries | No delivery/need to copy 3.92.20 binaries |

# 5 INFORMATION ON 3.81.70 BINARY FOR DIGITAL PHONES 4029/4039

## 5.1 Version 3.81.70

### 5.1.1 Corrections in 3.81.70

| Identifier | Siebel | headline |
|---|---|---|
| crms00435332 | 1-147253001 | 4039 phones not displaying the Korean Language |

## 5.2 Version 3.81.60

### 5.2.1 Corrections in 3.81.60

| Identifier | Siebel | headline |
|---|---|---|
| crms00396849 | | Sunrise melody has been changed automatically after firmware update on 9 series phone sets |

## 5.3 Version 3.81.50

### 5.3.1 Corrections in 3.81.50

| Identifier | Siebel | headline |
|---|---|---|
| crms00369252 | 1-132362341 | Hebrew characters diaplay in reverse order in 9 series sets |
| crms00375920 | 1-134254031 | Countinous ringing candence is not working UA set |

## 5.4 Version 3.81.40

### 5.4.1 Features delivered in 3.81.40

- Support Comfortable Handset on 4029 TDM
- HEBREW language on 4029/4039 TDM

## 5.4.2 Corrections in 3.81.40

| Identifier | Siebel | headline |
|---|---|---|
| crms00082522 | | speakerphone issue on Noe TDM ( serie 9) |
| crms00082743 | 1-66380791 | Serial 9 set resets after incidents 1613/1612 in local or external communications / 1-66380791 |
| crms00083200 | | 4039 CCD authorised set make sporadically reset with incident 1612 and 1613 |
| crms00084235 | | Alcatel-Lucent 4039 sets: permanent high whistling sound |
| crms00117101 | 1-85694021 | Problem with Auto Answer mode |
| crms00075793 | 1-82457021 | Sidetone in X9 series sets |
| crms00118986 | 1-86143839 | Customer Speaker phone fading on calls.   4029 sets + analog lines. |
| crms00174330 | 1-96110581 | Feature progressive Ringing not working on 40x9 sets |

# 6 SYSTEMS COMPATIBILITY

The NOE binaries are embedded in the following systems releases :

| System\NOE binary | 4.32.11 | 4.31.81 | 3.81.40 |
|---|---|---|---|
| **OXO System** | R910 all version<br>R900/020.001<br>R820/031.001<br>R710/093.001<br>R610/051.001 | R820.026.005 | R810.051.001<br>R710.085.001<br>R610.050.001<br>R510.062.001 |
| **OXE System** | R10.1 J2.501.16.b | R10.1 j2.520.11 | R10.1 j2.402.7<br>R10.0 j1.410.40<br>R9.1  i1.606.35 |

Please note that binaries will be added in systems maintenance version (OXO R710 …). Please consult also the systems release notes for further evolutions and information.

# 7 RESTRICTIONS

NOE in SIP with SIP TLS  is not supported.

## END OF DOCUMENT

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Before submitting a Service Request, make sure that:

&ndash; In case a Third-Party application is involved, that application has been certified via the AAPP
&ndash; You have read through the Release Notes which lists new features available, system requirements, restrictions etc. available in the Technical Knowledge Base
&ndash; You have read through the Troubleshooting Guides and Technical Bulletins relative to this subject available in the Technical Knowledge Base

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