

ST2030 SIP New Features (SEG1.50t3)

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1 Overview

This document describes a set of features included in ST2030 SIP in order to improve its usability in different environments.

2 Automatic call when offhook

The purpose of this feature is to allow the user to call a number that is pre-registered in the phone. The call will be placed as it is unhooked (when you use handset, headset or handsfree). This behaviour will remain the same as long as it is not disabled by APS.

This functionality can be used to emit emergency calls. In this case, the user is directly directed towards an urgent number when he pickups the phone.

For example, this can be used in an elevator which is blocked.

2.1 Feature activation

APS is currently used to activate/deactivate this feature, via the parameters described in next paragraph.

2.2 Keyword definition and usage

The parameters governing this feature, both included in the [ipp] section, are:

Autocall

Values : 0 or 1

Meaning :

0 : Autocall feature is disabled

1 : Autocall feature is enabled

AutocallNumber

Value : character string

Meaning : the string represents the phone number or URI to be called

Example:

```
[ipp]
Autocall=1
AutocallNumber=0805
```

3 Hide Missed Calls flag

The purpose of this feature is being able to deactivate/activate Missed Calls message display on the phone screen.

This will have mainly interest within the framework of call centres in which calls are sent to all Agents and only picked up by one of them, whereas it is not desirable to have all other phones of the group announcing a missed call.

3.1 Feature activation

APS is currently used to activate/deactivate this feature, via the parameter described in next paragraph.

3.2 Keyword definition and usage

The parameter governing this feature, included in the [ipp] section, is:

HideMissedCall

Values : 0 or 1

Meaning :

0 : Missed Calls message will be displayed

1 : Missed Calls message will not be displayed

Example :

```
[ipp]
HideMissedCall=1
```

4 Autoanswer device routing

The purpose of this feature is being able to select which audio devices will be activated when Autoanswer feature is enabled.

In previous versions, default device was handsfree speaker/mic. In Call Centre environments it makes more sense to use headset for this purpose.

4.1 Feature activation

Web GUI or APS are currently used to control this feature. Please note the Autoanswer timer must be different from 0 for Autoanswer to be activated.

In the web gui, go to Advanced→Advanced section:

The screenshot shows the Thomson web GUI interface. The top navigation bar includes 'HOME', 'SETUP', 'ADVANCED', 'UTILITY', 'STATUS', and 'LOGOUT'. The left sidebar lists various configuration categories: Networking, Voice Settings, and Phone Lists. The main content area is titled 'ADVANCED' and contains several configuration sections. The 'Automatic answer' section is highlighted with a red circle, showing a dropdown menu with 'Handsfree' selected and 'Headset' highlighted. Other sections include 'On Hold' (Local music on Hold selected), 'Dial-out timeout' (Lease: 4 seconds), 'Stop placing outgoing call if caller busy' (Lease: 0 seconds), and 'Automatic call rejection after timeout' (Lease: 0 seconds). A note at the bottom states: '<note> : If lease time=0, the feature is disable.'

Involved APS parameters are described in next paragraph.

4.2 Keyword definition and usage

The parameter governing this feature, included in the [ipp] section, is:

AutoAnsMode

Values : 0 or 1

Meaning :

0 : Autoanswered call routed to handsfree

1 : Autoanswered call routed to headset

Example:

```
[ipp]
AutoAnsMode=1
AutoAnsTimer=2
```

5 Daylight saving refinements

In previous ST2030 versions, parameter *NtpDaylight* exists in order to allow the telephone to automatically switch to summer-time.

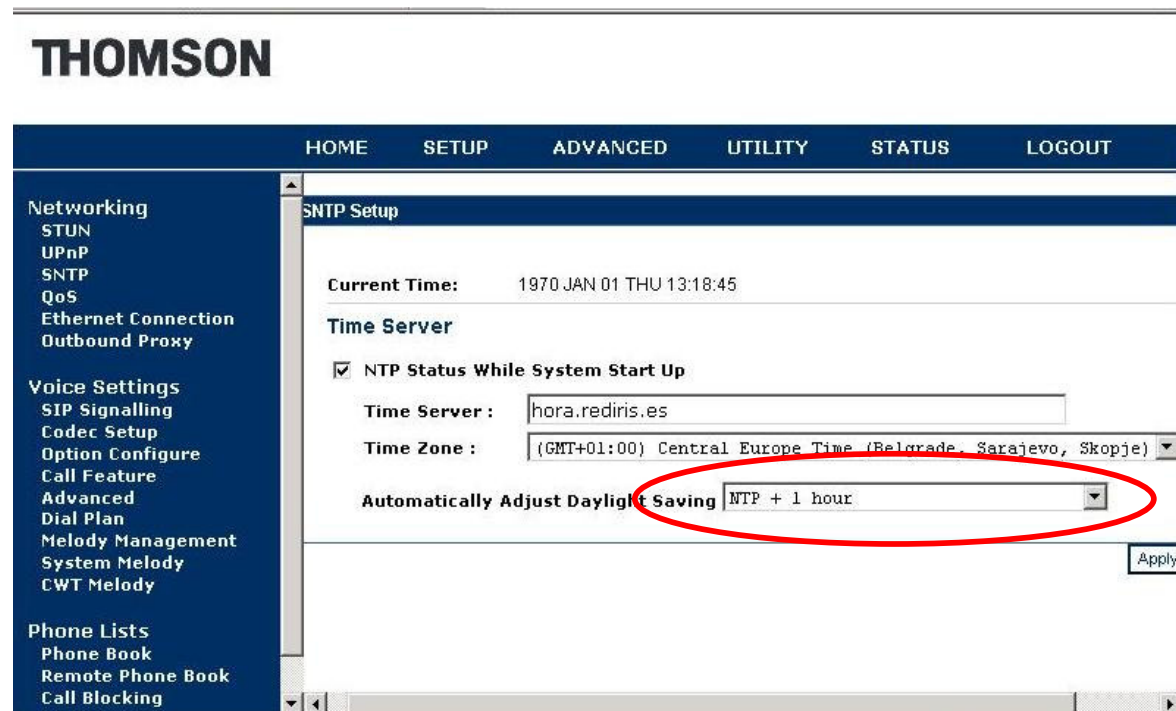
But some states in some countries have a particular and varying switching time which makes it difficult to handle internally on a global basis.

In order to overcome this problem, a new value for the existing parameter is created. When this setting is in place, phone will add one hour to NTP received time.

5.1 Feature activation

Web GUI or APS are currently used to control this setting.

In the Web GUI, go to Advanced→SNTP section:



The screenshot displays the Thomson Web GUI interface. At the top, the 'THOMSON' logo is visible. Below it, a navigation bar contains links for HOME, SETUP, ADVANCED, UTILITY, STATUS, and LOGOUT. A left-hand menu lists various configuration categories: Networking (STUN, UPnP, SNTP, QoS, Ethernet Connection, Outbound Proxy), Voice Settings (SIP Signalling, Codec Setup, Option Configure, Call Feature, Advanced, Dial Plan, Melody Management, System Melody, CWT Melody), and Phone Lists (Phone Book, Remote Phone Book, Call Blocking). The main content area is titled 'SNTP Setup' and shows the 'Current Time' as '1970 JAN 01 THU 13:18:45'. Under the 'Time Server' section, there is a checked box for 'NTP Status While System Start Up'. The 'Time Server' field contains 'hora.rediris.es'. The 'Time Zone' dropdown is set to '(GMT+01:00) Central Europe Time (Belgrade, Sarajevo, Skopje)'. The 'Automatically Adjust Daylight Saving' dropdown is highlighted with a red circle and shows 'NTP + 1 hour' as the selected option. An 'Apply' button is located at the bottom right of the configuration area.

Involved APS parameters are described in next paragraph.

5.2 Keyword definition and usage

The parameter governing this feature, included in the [ntp] section, is:

NtpDaylight

Values : 0, 1 or 2

Meaning :

0 : NTP time unchanged

1 : Automatic Daylight saving applied to NTP time

2 : NTP +1

Example :

```
[ntp]
NTPFlag=1
NtpIP=192.43.244.18
NtpDaylight=2
NtpZoneNum=50
NtpSyncTime=1
```

6 NTP address source configuration

In previous ST2030 versions, NTP server address was either taken from the DHCP server, or from stored values if DHCP server was not serving this parameter.

This feature allows the administrator to decide which will be the source of NTP address.

6.1 Feature activation

APS is currently used to control this setting.

6.2 Keyword definition and usage

The parameter governing this feature, included in the [ntp] section, is:

NtpMode

Values : 0, 1

Meaning :

0 : NTP address retrieved from stored value

1 : NTP address retrieved preferably from DHCP server

Example :

```
[ntp]
NTPFlag=1
NtpIP=192.43.244.18
NtpDaylight=1
NtpMode=0
NtpZoneNum=50
NtpSyncTime=1
```

7 Information shortcut-“Menu” long press

The purpose of this feature is to facilitate Support tasks, by granting fast access to basic phone information: HW and FW version, MAC and IP address, etc

This information was already provided by pressing User→Information
Now, access to this submenu is also available by long pressing “Menu” key