


# CONFIGURATION AASTRA 5Xi

**N°1010**

## TELEPHONE AASTRA 5Xi


| Rédaction / Conception : |                   | Tests / Contrôle : |                   | Validation : |                   |
|--------------------------|-------------------|--------------------|-------------------|--------------|-------------------|
| Nom                      | <b>BAILLY</b>     | Nom                | <b>PAWLAK</b>     | Nom          | <b>THOMAS</b>     |
| Date                     | <b>20/01/2010</b> | Date               | <b>22/01/2010</b> | Date         | <b>02/03/2010</b> |
| Signature                |                   | Signature          |                   | Signature    |                   |

Date création : **20/01/2010**  
Date évolution : **20/01/2010**  
Indice évolution : **10.10**  
Référence : **DT1010 / 10.10**

|                                    |                   |   |
|------------------------------------|-------------------|---|
| <b>Manuel de<br/>Configuration</b> | <b>N° 1010</b>    |  |
|                                    | <b>AASTRA 5Xi</b> | Date évolution :<br>20/01/2010  |


|            |
|------------|
| Historique |
|------------|

| Nom             | Date       | Release | Commentaire       |
|-----------------|------------|---------|-------------------|
| BAILLY Aurélien | 20/01/2010 | 10.10   | Création document |
|                 |            |         |                   |
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|                                |                   |   |
|--------------------------------|-------------------|---|
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## Connexion au téléphone

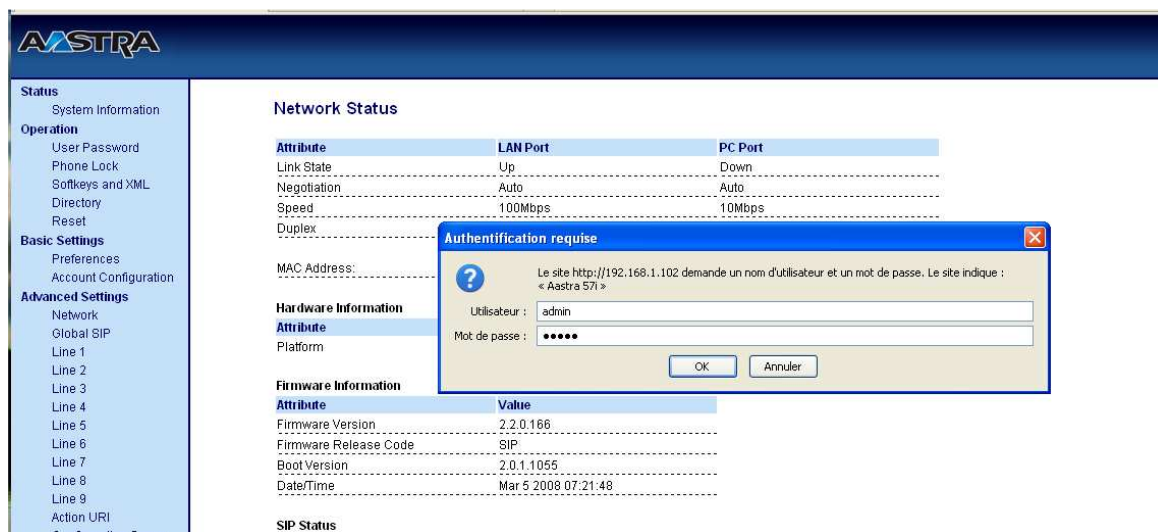
### Branchements

Branchez un câble réseau de la prise WAN au dos du téléphone au Routeur / Switch  
 Le téléphone intègre un Switch sur lequel il est possible de brancher un PC (prise PC)  
 Branchez le câble d'alimentation si vos équipements ne sont pas PoE (Power over Ethernet)


### Connexion à l'interface WEB

Une fois le téléphone démarré, appuyez sur la touche  puis descendez jusqu'au menu « Administrator Menu ». Entrez 22222 pour accéder au menu. Allez dans « Network Setting » puis « IP Address » pour obtenir son adresse IP.  
 Entrez son adresse IP dans un navigateur WEB.

Vous devriez obtenir une page similaire à :



Utilisateur : admin  
 Mot de passe : 22222

|                                |                   |   |
|--------------------------------|-------------------|---|
| <b>Manuel de Configuration</b> | <b>N° 1010</b>    |  |
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## Configuration du poste

### Mise à jour du firmware

Cliquez sur « Configuration Server » :

**Status**

- System Information

**Operation**

- User Password
- Phone Lock
- Softkeys and XML
- Keypad Speed Dial
- Directory
- Reset

**Basic Settings**

- Preferences
- Account Configuration

**Advanced Settings**

- Network
- Global SIP
- Line 1
- Line 2
- Line 3
- Line 4
- Line 5
- Line 6
- Line 7
- Line 8
- Line 9
- Action URI
- Configuration Server
- Firmware Update
- TLS Support
- 802.1x Support
- Troubleshooting

#### Configuration Server Settings

**Settings**


|                     |                                  |
|---------------------|----------------------------------|
| Download Protocol   | TFTP                             |
| TFTP Server         | IP_SERVER                        |
| TFTP Path           |                                  |
| Alternate Server    | 0.0.0.0                          |
| Alternate TFTP Path |                                  |
| Use Alternate TFTP  | <input type="checkbox"/> Enabled |
| FTP Server          |                                  |
| FTP Path            |                                  |
| FTP Username        |                                  |
| FTP Password        |                                  |
| HTTP Server         |                                  |
| HTTP Path           |                                  |
| HTTP Port           | 80                               |
| HTTPS Server        |                                  |
| HTTPS Path          |                                  |
| HTTPS Port          | 443                              |

**Auto-Resync**

|                |       |
|----------------|-------|
| Mode           | None  |
| Time (24-hour) | 00:00 |
| Maximum Delay  | 15    |
| Days           | 0     |

**XML Push Server List(Approved IP Addresses)**

Dans « TFTP Server », entrez l'IP de votre serveur Centrex ou OpenPBX puis cliquez sur « Save Settings »

|                                |                   |   |
|--------------------------------|-------------------|---|
| <b>Manuel de Configuration</b> | <b>N° 1010</b>    |  |
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Cliquez sur « Firmware Update »

**Status**

- System Information

**Operation**

- User Password
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- Directory
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**Basic Settings**

- Preferences
- Account Configuration

**Advanced Settings**

- Network
- Global SIP
- Line 1
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- Line 9
- Action URI
- Configuration Server
- Firmware Update**
- TLS Support
- 802.1x Support
- Troubleshooting

### Manual Firmware Update

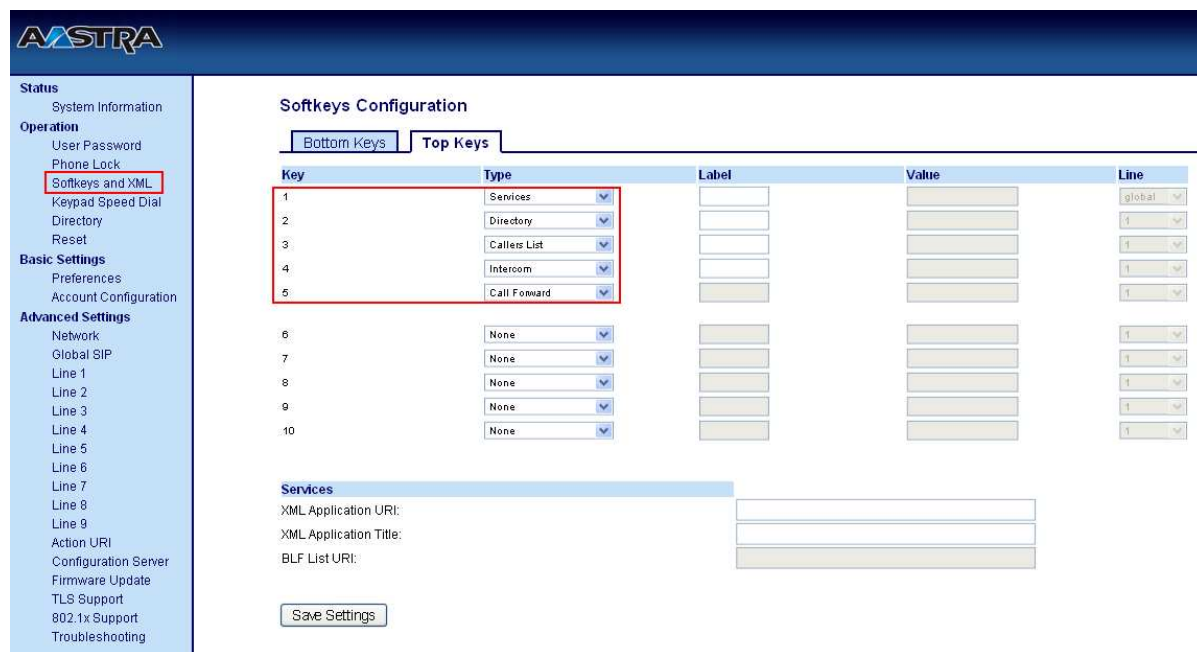
Enter the server's IP address and the name of the firmware below to initiate a firmware update.

|                   |           |
|-------------------|-----------|
| File Name         | 57i.st    |
| Download Protocol | TFTP      |
| Server            | IP_SERVER |
| Path              |           |
| Port              | 0         |
| Username          |           |
| Password          |           |

Mettez l'adresse de votre serveur Centrex ou OpenPBX dans « Server IP »  
 Dans le champ « File Name » entrez 53i.st si votre téléphone est un modèle 53i, 55i.st si le modèle est 55i et 57i.st si le modèle est 57i.  
 Cliquez ensuite sur « Download Firmware », puis patientez le temps que le téléphone télécharge le firmware.

Une fois le firmware téléchargé, le téléphone va redémarrer.

### Configuration des touches de fonction



**Softkeys Configuration**

Bottom Keys | Top Keys

| Key | Type         | Label | Value | Line   |
|-----|--------------|-------|-------|--------|
| 1   | Services     |       |       | global |
| 2   | Directory    |       |       | 1      |
| 3   | Callers List |       |       | 1      |
| 4   | Intercom     |       |       | 1      |
| 5   | Call Forward |       |       | 1      |
| 6   | None         |       |       | 1      |
| 7   | None         |       |       | 1      |
| 8   | None         |       |       | 1      |
| 9   | None         |       |       | 1      |
| 10  | None         |       |       | 1      |

**Services**

XML Application URI:

XML Application Title:

BLF List URI:

Les Key correspondent aux touches situées en haut du téléphone. Vous pouvez leur attribuer des fonctions via ce menu.

## Préférences

- Status
- System Information
- Operation
  - User Password
  - Phone Lock
  - Softkeys and XML
  - Keypad Speed Dial
  - Directory
  - Reset
- Basic Settings
  - Préférences**
  - Account Configuration
- Advanced Settings
  - Network
  - Global SIP
  - Line 1
  - Line 2
  - Line 3
  - Line 4
  - Line 5
  - Line 6
  - Line 7
  - Line 8
  - Line 9
  - Action URI
  - Configuration Server
  - Firmware Update
  - TLS Support
  - 802.1x Support
  - Troubleshooting

### Preferences

|  |   |
|--|---|
| <b>General</b>                         |   |
| Local Dial Plan                        | x*#jxx*                                     |
| Send Dial Plan Terminator              | <input type="checkbox"/> Enabled            |
| Digit Timeout (seconds)                | 4   |
| Park Call:                             |   |
| Pick Up Parked Call:                   |   |
| Suppress DTMF Playback                 | <input checked="" type="checkbox"/> Enabled |
| Display DTMF Digits                    | <input type="checkbox"/> Enabled            |
| Call Waiting                           | <input checked="" type="checkbox"/> Enabled |
| Play Call Waiting Tone                 | <input checked="" type="checkbox"/> Enabled |
| Stuttered Dial Tone                    | <input checked="" type="checkbox"/> Enabled |
| XML Beep Support                       | <input checked="" type="checkbox"/> Enabled |
| Status Scroll Delay (seconds)          | 5   |
| Incoming Call Interrupts Dialing       | <input type="checkbox"/> Enabled            |
| Switch UI Focus To Ringing Line        | <input checked="" type="checkbox"/> Enabled |
| Preferred line                         | 1   |
| Preferred line Timeout (seconds)       | 0   |
| Goodbye Key Cancels Incoming Call      | <input checked="" type="checkbox"/> Enabled |
| UPnP Mapping Lines                     | 0   |
| Message Waiting Indicator Line         | All   |
| DND Key Mode                           | Phone                                       |
| Call Forward Key Mode                  | Account                                     |
| Use LLDP ELIN                          | <input checked="" type="checkbox"/> Enabled |
| <b>Outgoing Intercom Settings</b>      |   |
| Type                                   | Off   |
| Prefix Code                            |   |
| Line                                   | 1   |
| <b>Incoming Intercom Settings</b>      |   |
| Auto-Answer                            | <input checked="" type="checkbox"/> Enabled |
| Microphone Mute                        | <input checked="" type="checkbox"/> Enabled |
| Play Warning Tone                      | <input checked="" type="checkbox"/> Enabled |
| Allow Barge In                         | <input checked="" type="checkbox"/> Enabled |
| <b>Group Paging RTP Settings</b>       |   |
| Paging Listen Addresses                |   |
| <b>Key Mapping</b>                     |   |
| Map Redial Key To                      |   |
| Map Conf Key To                        |   |
| <b>Ring Tones</b>                      |   |
| Tone Set                               | US  |
| Global Ring Tone                       | Tone 1                                      |
| Line 1                                 | Global                                      |
| Line 2                                 | Global                                      |
| Line 3                                 | Global                                      |
| Line 4                                 | Global                                      |
| Line 5                                 | Global                                      |
| Line 6                                 | Global                                      |
| Line 7                                 | Global                                      |
| Line 8                                 | Global                                      |
| Line 9                                 | Global                                      |
| <b>Priority Alerting Settings</b>      |   |
| Enable Priority Alerting               | <input checked="" type="checkbox"/> Enabled |
| Group                                  | Normal ringing                              |
| External                               | Normal ringing                              |
| Internal                               | Normal ringing                              |
| Emergency                              | Normal ringing                              |
| Priority                               | Normal ringing                              |
| Auto call distribution                 | Normal ringing                              |
| Community 1                            | Normal ringing                              |
| Community 2                            | Normal ringing                              |
| Community 3                            | Normal ringing                              |
| Community 4                            | Normal ringing                              |
| <b>Directed Call Pickup Settings</b>   |   |
| Directed Call Pickup                   | <input checked="" type="checkbox"/> Enabled |
| Directed Call Pickup by Prefix         | *9  |
| Play a Ring Splash                     | <input type="checkbox"/> Enabled            |
| <b>Auto Call Distribution Settings</b> |   |
| Auto Available                         | <input type="checkbox"/> Enabled            |
| Auto Available Timer                   | 60  |
| <b>Time and Date Setting</b>           |   |
| Time Format                            | 24h   |
| Date Format                            | DDMMYY                                      |
| NTP Time Servers                       | <input checked="" type="checkbox"/> Enabled |
| Time Server 1                          | time.volp-centrex.net                       |
| Time Server 2                          | 0.0.0.0                                     |
| Time Server 3                          | 0.0.0.0                                     |
| <b>Language Settings</b>               |   |
| Webpage Language                       | English                                     |
| Input Language                         | English                                     |
| Language 1                             | lang_fr.td                                  |
| Language 2                             |   |
| Language 3                             |   |
| Language 4                             |   |

Save Settings



## Global SIP

Renseignez les champs comme indiqué ci-dessous :

**Status**

System Information

**Operation**

User Password

Phone Lock

Softkeys and XML

Keypad Speed Dial

Directory

Reset

**Basic Settings**

Preferences

Account Configuration

**Advanced Settings**

Network

Global SIP

Line 1

Line 2

Line 3

Line 4

Line 5

Line 6

Line 7

Line 8

Line 9

Action URI

Configuration Server

Firmware Update

TLS Support

802.1x Support

Troubleshooting

### Global SIP Settings

**Basic SIP Authentication Settings**

Screen Name

Screen Name 2

Phone Number

Caller ID

Authentication Name

Password

BLA Number

Line Mode

**Basic SIP Network Settings**

Proxy Server

Proxy Port

Backup Proxy Server

Backup Proxy Port

Outbound Proxy Server

Outbound Proxy Port

Registrar Server

Registrar Port

Backup Registrar Server

Backup Registrar Port

Registration Period

Conference Server URI

**Advanced SIP Settings**

Explicit MWI Subscription  Enabled

Explicit MWI Subscription Period

MWI for BLA account  Enabled

Missed Call Summary Subscription  Enabled

Missed Call Summary Subscription Period

AS-Feature-Event Subscription  Enabled

AS-Feature-Event Subscription Period

Send MAC Address in REGISTER Message  Enabled

Send Line Number in REGISTER Message  Enabled

Session Timer

T1 Timer

T2 Timer

Transaction Timer

Transport Protocol

Local SIP UDP/TCP Port

Local SIP TLS Port

Registration Failed Retry Timer

Registration Timeout Retry Timer

Registration Renewal Timer

BLF Subscription Period

ACD Subscription Period

BLA Subscription Period

Blacklist Duration

Whitelist Proxy  Enabled

XML SIP Notify  Enabled

**RTP Settings**

RTP Port

Force RFC 2833 Out-of-Band DTMF  Enabled

DTMF Method

RTP Encryption

**Codec Preference List**

Note: Basic Codecs include G.711u (8K), G.711a (8K), G.729

Codec 1

Codec 2

Codec 3

Codec 4

Codec 5

Codec 6

Codec 7

Codec 8

Codec 9

Codec 10

Packetization Interval


Silence Suppression  Enabled

**Autodial Settings**

Autodial Number

Autodial Timeout

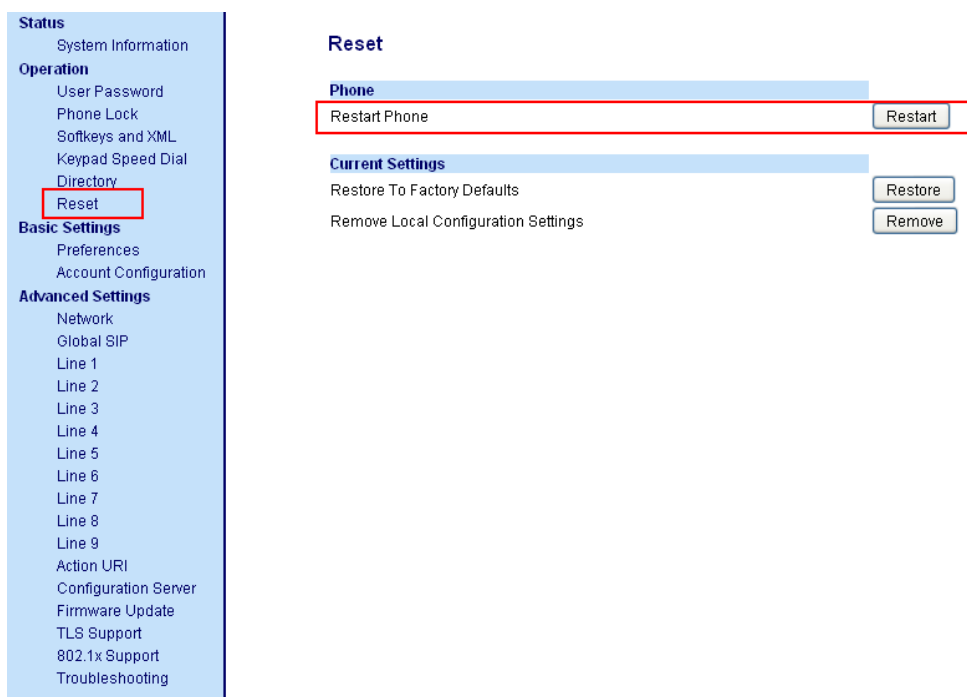
Save Settings

|                                |                   |   |
|--------------------------------|-------------------|---|
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LOGIN à remplacer par le login fourni dans le bon de livraison (ex : 100.entreprise)  
 PASSWORD à remplacer par le mot de passe fourni dans le bon de livraison  
 IP\_SERVER à remplacer par l'IP ou le nom DNS fourni dans le bon de livraison (ex : 194.98.81.154,  
 ipbx5.voip-centrex.net)

Une fois les paramètres renseignés cliquez sur « Save Settings »

Il faut maintenant redémarrer le téléphone en allant dans le menu « Reset » puis en cliquant sur « Restart »



The screenshot shows the web interface of the phone. On the left is a navigation menu with categories: Status, Operation, Basic Settings, and Advanced Settings. The 'Reset' option under 'Basic Settings' is highlighted with a red box. The main content area is titled 'Reset' and contains three sections: 'Phone' with a 'Restart Phone' button (highlighted with a red box), 'Current Settings' with 'Restore' and 'Remove' buttons, and 'Remove Local Configuration Settings' with a 'Remove' button.

|                                |                   |   |
|--------------------------------|-------------------|---|
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Une fois le téléphone redémarré, vérifiez que le status est bien « Registered » dans la page « System Information »

|                          |
|--------------------------|
| <b>Status</b>            |
| System Information       |
| <b>Operation</b>         |
| User Password            |
| Phone Lock               |
| Softkeys and XML         |
| Keypad Speed Dial        |
| Directory                |
| Reset                    |
| <b>Basic Settings</b>    |
| Preferences              |
| Account Configuration    |
| <b>Advanced Settings</b> |
| Network                  |
| Global SIP               |
| Line 1                   |
| Line 2                   |
| Line 3                   |
| Line 4                   |
| Line 5                   |
| Line 6                   |
| Line 7                   |
| Line 8                   |
| Line 9                   |
| Action URI               |
| Configuration Server     |
| Firmware Update          |
| TLS Support              |
| 802.1x Support           |
| Troubleshooting          |

### System Information

#### Network Status

| Attribute   | LAN Port | PC Port |
|-------------|----------|---------|
| Link State  | Up       | Down    |
| Negotiation | Auto     | Auto    |
| Speed       | 100Mbps  | 10Mbps  |
| Duplex      | Full     | Half    |

#### Hardware Information

| Attribute    | Value             |
|--------------|-------------------|
| MAC Address: | 00-08-5D-1A-1B-E0 |
| Platform     | 67571 Revision 0  |

#### Firmware Information

| Attribute             | Value               |
|-----------------------|---------------------|
| Firmware Version      | 2.5.2.1010          |
| Firmware Release Code | SIP                 |
| Boot Version          | 2.0.1.1055          |
| Date/Time             | Sep 9 2009 11:23:20 |

#### SIP Status

| Line | SIP Account | Status     | Backup Registrar Used? |
|------|-------------|------------|------------------------|
| 1    | @ 5060      | Registered | No                     |
| 2    | @ 5060      | Registered | No                     |
| 3    | @ 5060      | Registered | No                     |
| 4    | @ 5060      | Registered | No                     |

## Monitoring

Pour monitorer des postes :

**Status**

- System Information
- Operation**
  - User Password
  - Phone Lock
  - Softkeys and XML**
  - Keypad Speed Dial
  - Directory
  - Reset
- Basic Settings**
  - Preferences
  - Account Configuration
- Advanced Settings**
  - Network
  - Global SIP
  - Line 1
  - Line 2
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  - Line 4
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  - Line 7
  - Line 8
  - Line 9
  - Action URI
  - Configuration Server
  - Firmware Update
  - TLS Support
  - 802.1x Support
  - Troubleshooting

### Softkeys Configuration

Bottom Keys
**Top Keys**

| Key | Type         | Label   | Value           | Line   |
|-----|--------------|---------|-----------------|--------|
| 1   | Services     |         |                 | global |
| 2   | Directory    |         |                 | 1      |
| 3   | Callers List |         |                 | 1      |
| 4   | Intercom     |         |                 | global |
| 5   | BLF          | Nom EXT | EXTENSION_POSTE | 1      |
| 6   | None         |         |                 | 1      |
| 7   | None         |         |                 | 1      |
| 8   | None         |         |                 | 1      |
| 9   | None         |         |                 | 1      |
| 10  | None         |         |                 | 1      |

**Services**

XML Application URI:

XML Application Title:

BLF List URI:

Choisissez BLF dans la colonne Type.

Dans Label, entrez le nom que vous voulez voir afficher à côté du bouton

EXTENSION\_POSTE à remplacer par le numéro en interne du poste à monitorer (ex : 100, 101 ...)