

# BIRDY SLIM

New model





# BIRDY Slim

Mechanical design





# **BIRDY Slim**

## Specifications

- Pager receiver & transmitter multiprotocol's
  - POCSAG protocol
  - SIGFOX protocol
  - LORA protocol
  - Bluetooth 4.1 Low energy
  - TPL protocol for IPS
- Multi-frequencies bands, between 136MHz to 960MHz
  - VHF (136-174MHz) UHF (426-474MHz) & (820-960MHz)
- IP67
- Battery 3,7V / 970mA/h
- Multicolours display 8 lines 16 characters
- 128 POCSAG addresses
- 4 sub-addresses for each address, with possibilities of setting a pre-defined message and associating a ring
- 21 melodies
- Vibrate
- Back light
- Programming by Windows compatible software through USB
- Firmware updating by PC
- Battery charger with or without antenna
- Leather pouch

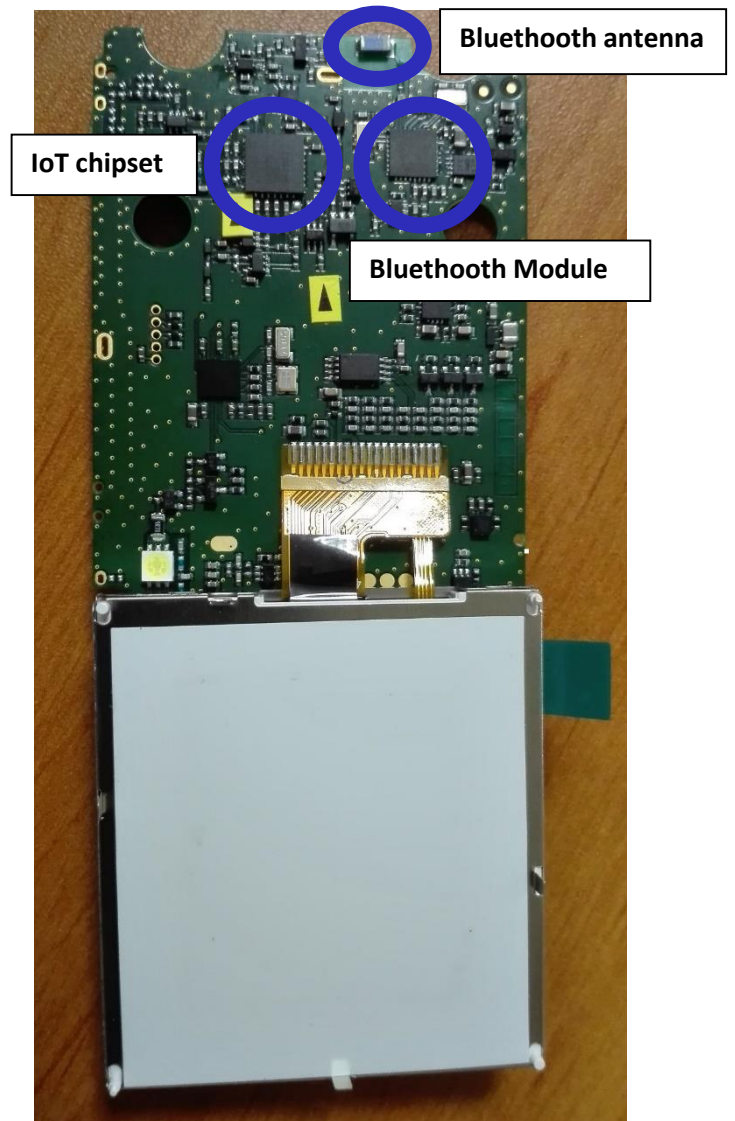




# New Hardware



Pocsag receiver



Bluetooth antenna

IoT chipset

Bluetooth Module



# **BIRDY III**

Multicolors display

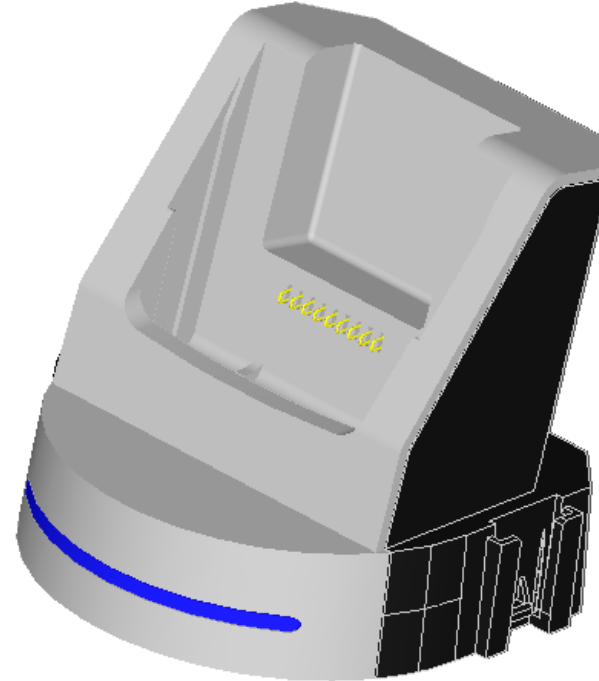






# BIRDY Slim

## Charger



- Single desktop charger
- Connector 5V micro USB
- Blue lighting guide
  - 2 levels on light, low= normal, high= received message
- Mechanical multi-connections, by « slide and block » system
- eBirdy version available





## POCSAG transmitter

# BIRDY Slim

Innovative pager



**BIRDY Slim** is an innovative pager with new concepts applied to the radio board design

**BIRDY Slim** is not only a POCSAG receiver but also a POCSAG transmitter pager.

**TPL Systèmes** offers this 2-way POCSAG pager as a new solution to hospitals and industrial sector.

The new integrated features are :

- Automatic acknowledgement « technical ACK »
- Manual acknowledgement « tactical ACK »
- Availability management
- SOS message
- Man-down / Dead-man application





**Internet of Things  
(IoT) compatible**

# **BIRDY Slim**

Innovative pager

Thanks to this new radio board, the **BIRDY Slim** is compatible with M2M IoT operator using the Ultra Narrow Band (UNB) on the ISM band (868MHz in Europe) based on SIGFOX technology or Lora Technology.

**TPL Systèmes** offers a new solution for large coverage with a 2-way paging system.

This solution integrates these features :

- Receiving messages through normal POCSAG network
- Sending automatic acknowledgements through IoT network
- Manual acknowledgement through IoT network
- Availability management through IoT network
- SOS message through IoT network
- Man-down / Dead-man applications through IoT network



This feature is integrated on each BIRDY Slim. No alert receipt is possible with IoT network .

**BIRDY Slim : low cost 2-way pager**

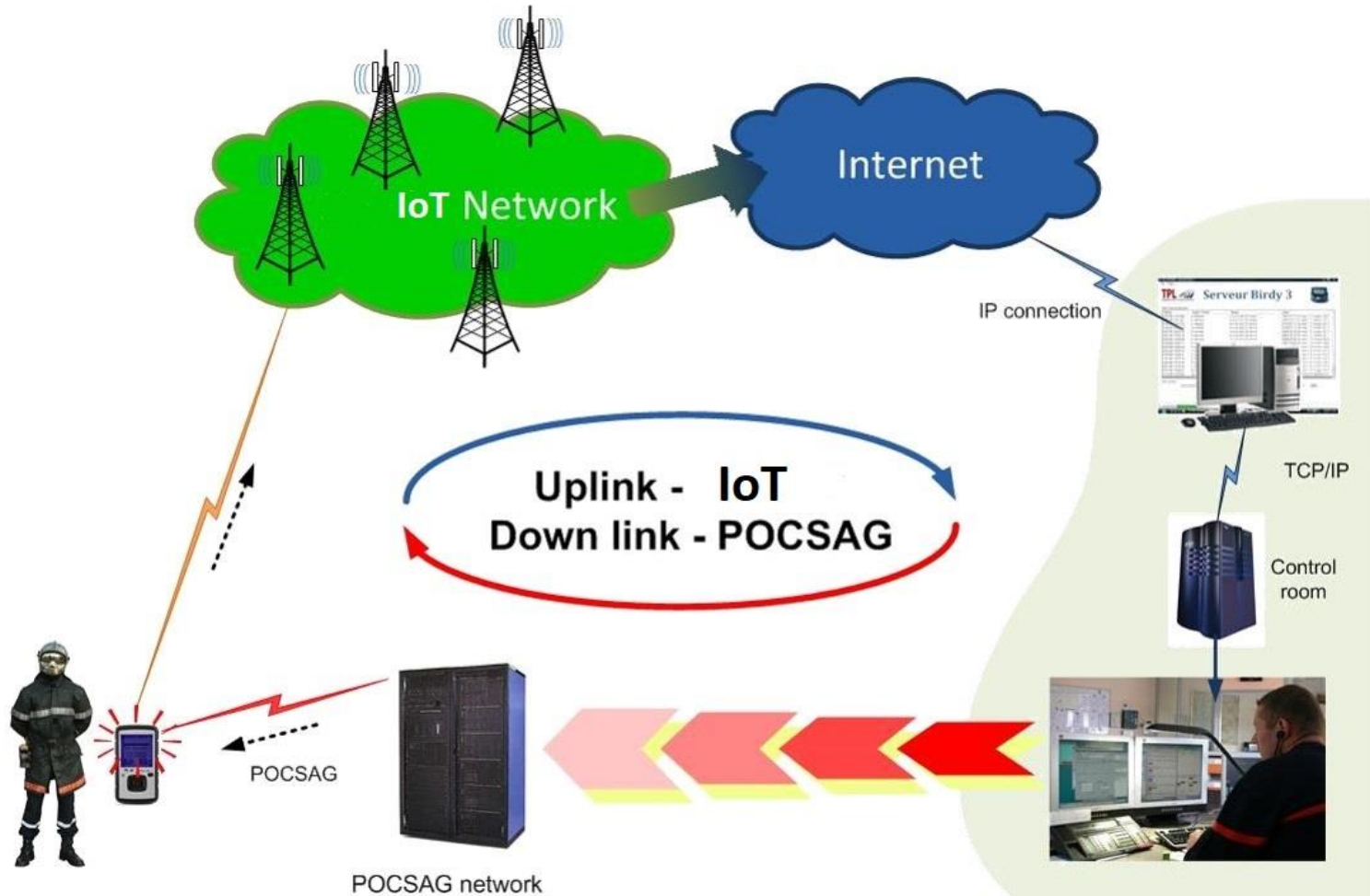




# BIRDY Slim

Innovative pager

**Internet of Things  
(IoT) compatible**





# BIRDY Slim

## Programming software

***BIRDY Slim*** uses the same programming software as BIRDY WP and BIRDY 3G with the new features included

TPLpagers - TPL Systèmes

Échiers Dialogue avec un birdy Mode Langue Options ?

Identités Sous-adresses Centres multiples Configuration Affichage GPS GPRS/SMS Heure Profils utilisateurs

Paramètres généraux Emission POCISAG Retransmission série des messages reçus Sonneries Fonctions PTI Perte de porteur

Paramètres généraux ACK Messages SOS

SOS manuel

☐ Automati Début

☐ Silencieux Fin

Fonctions PTI

Horloge nat

Début

Fin

Perte de vertical

Début

Fin

TPLpagers - TPL Systèmes

Échiers Dialogue avec un birdy Mode Langue Options ?

Identités Configuration Affichage Emission POCISAG Heure Profils utilisateurs Messages prédefini Filtres de texte

1 MESSAGE 1

2 MESSAGE 2

3 MESSAGE 3

4 MESSAGE 4

5 MESSAGE 5

6 MESSAGE 6

7 MESSAGE 7

8 MESSAGE 8

9 MESSAGE 9

10 MESSAGE 10

11 MESSAGE 11

12 MESSAGE 12

13 MESSAGE 13

14 MESSAGE 14

15 MESSAGE 15

16 MESSAGE 16

17 MESSAGE 17

18 MESSAGE 18

19 MESSAGE 19

20 MESSAGE 20

21 MESSAGE 21

22 MESSAGE 22

23 MESSAGE 23

24 MESSAGE 24

TPLpagers - TPL Systèmes

Échiers Dialogue avec un birdy Mode Langue Options ?

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Paramètres généraux Emission POCISAG Retransmission série des messages reçus Sonneries Fonctions PTI Perte de porteur

Paramètres généraux ACK Messages SOS

Radio

Fréquence d'émission

80.955000

(MHz)

Vitesse (bauds)

512

Destinataire

Destinataire

1

Sous-adresse

A

Répétitions

Nombre

Aucune

Espacement (s)

1

Clavier : appui long sur les touches

Message n° 1

Message n° 2

Message n° 3

SOS

Message n° 4

Inactif





# BIRDY Slim

## Indoor Location



Mandown  
Brad Welch  
**Bedroom**



Mandown  
David  
Villacastin  
**WC**







# **BIRDY Slim**

IPS - Indoor Positioning System

**Birdy Slim**, thanks to its native 2Way activity and Bluetooth capability offer brand new solutions.

That's why **TPL Systèmes** had created an ecosystem for in-house market and lone worker protection to offer low cost Indoor localization.

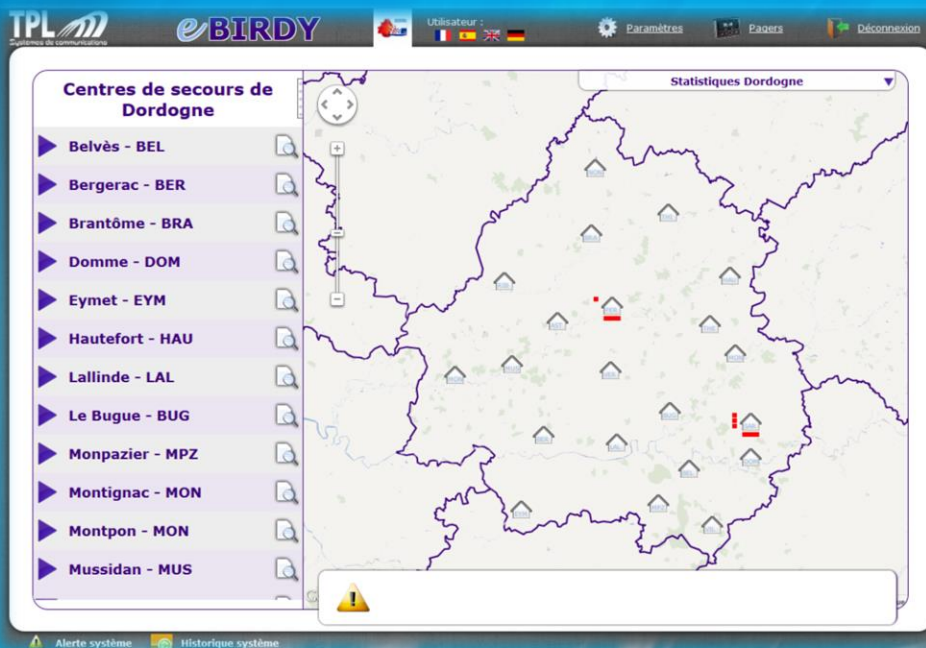
The name of this system is **Birdy IPS** for Indoor Positioning System.

These solution is based on Bluetooth low energy and can be associated with our **PocOverIP** pocsag receiver that increase possibilities of features.

**Birdy Slim V2 brings new solutions to open new markets or to offer new services to existing customers.**

# eBirdy SLIM

Birdy Slim remote management system



**eBIRDY** is a web platform enabling the management, the deployment and the update of Birdy pagers range (**Birdy WP / Birdy 3G / Birdy Slim**).

- Customer-server architecture and SQL database
- Web interface
- Birdy customization update follow-up
- Birdy software update follow-up
- Alarm management with programming cradle
- Stand alone feature for 3G and WP

**This system is unique and the customer like firefighter organization or paging company wins lot of time and money to manage its Birdy fleet**



## For Birdy Slim

## eBIRDY Main features



### Blue fix :

Stand-by and connection to server is ok

### Blue chaser :

Connection to server in progress (interrogating server)

### Red chaser :

Connection to server KO

### Green chaser :

Programming or flashing

### Fast red flashes :

Problem with programming or firmware update



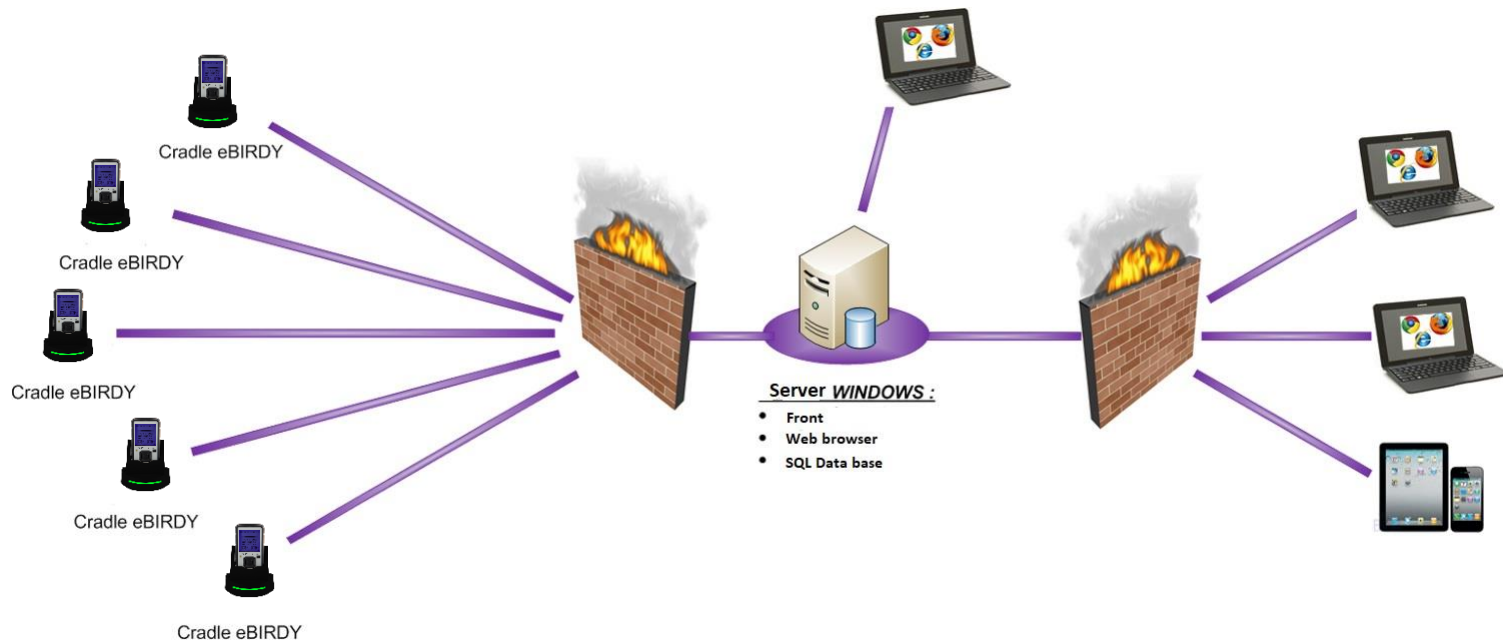
**Fire brigades**



**Control room server**

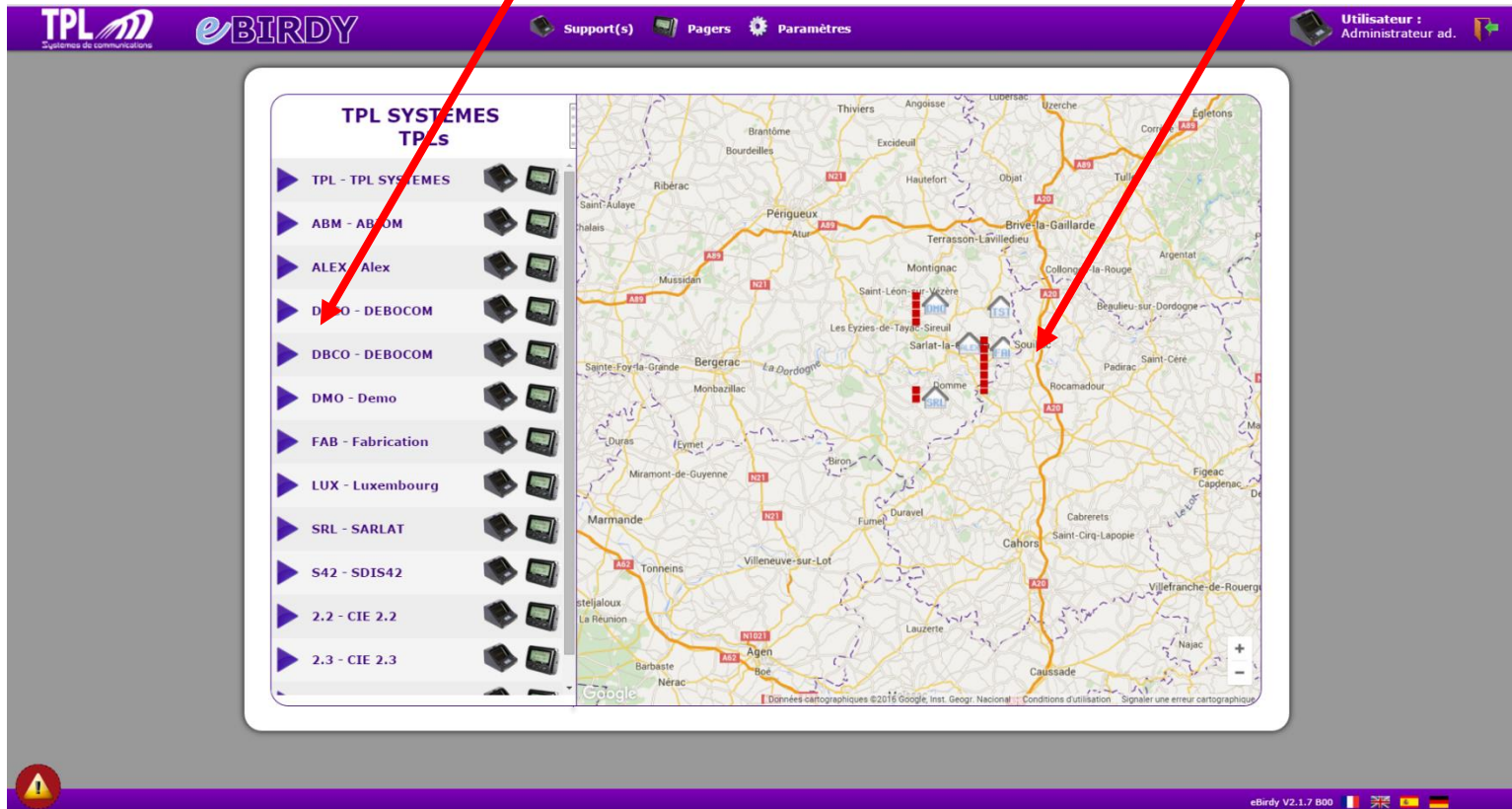


**Web browser**



Fire brigades list

Map of the fire  
brigades



The screenshot displays the eBIRDY website interface. At the top, there is a purple header bar containing the TPL logo, the eBIRDY logo, and navigation links: Support(s), Pagers, and Paramètres. On the right side of the header, it shows the user role: Utilisateur : Administrateur ad. Below the header, the main content area is divided into two sections. On the left, titled 'TPL SYSTEMES TPLS', there is a list of fire brigades, each with a small icon of a radio or pager. The list includes: TPL - TPL SYSTEMES, ABM - ABOM, ALEX - Alex, DMO - DEBOCOM, DBCO - DEBOCOM, DMO - Demo, FAB - Fabrication, LUX - Luxembourg, SRL - SARLAT, S42 - SDIS42, 2.2 - CIE 2.2, and 2.3 - CIE 2.3. A red arrow points from the 'Fire brigades list' text to the 'DMO - DEBOCOM' entry. On the right, there is a map of the region, showing various towns and roads. A red arrow points from the 'Map of the fire brigades' text to the map. The map shows several locations marked with red icons, corresponding to the fire brigades listed on the left. The bottom of the page features a purple footer bar with the text 'eBirdy V2.1.7 800' and flags for France, Germany, and Spain.



## Statistics on customization follow-ups and software updating

**TPL** **eBIRDY** Support(s) Pagers Paramètres Utilisateur : Administrateur ad.

**Statistiques**

	Logiciel pager		Personnalisation	
Birdy3-Flex	✓ 0	0	✓ 0	0
BirdyESPION	✓ 0	0	✓ 0	0
BirdyIII-r1	✓ 0	0	✓ 0	0
BirdyIII-r2	✓ 1	0	✓ 2	0
BirdySlim	✓ 0	0	✓ 0	0
BirdyWP	✓ 0	0	✓ 0	0
BirdyWP-r2	✓ 454	0	✓ 411	43
BirdyWPs	✓ 0	0	✓ 0	0
<b>Global</b>	<b>✓ 455</b>	<b>0</b>	<b>✓ 413</b>	<b>43</b>

eBirdy V2.1.7 800

## New software version deployment

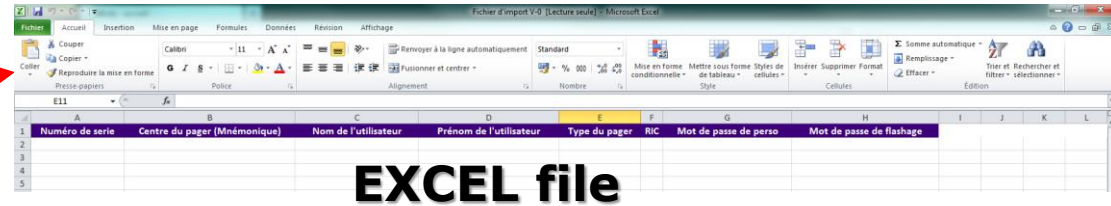
The screenshot displays the eBIRDY website interface. At the top, there is a purple header bar with the TPL logo, the eBIRDY logo, and navigation links for 'Support(s)', 'Pagers', and 'Paramètres'. On the right side of the header, it shows 'Utilisateur : Administrateur ad.' with a user icon.

The main content area features a modal window titled 'Logiciel pager du groupe TPL SYSTEMES'. Inside this window, there is a dropdown menu for 'Version à déployer' set to 'BirdyWP >> BirdyW v1.04.0\_\_03', with an 'Ajouter un fichier' button next to it. Below this is a 'Sélection Pagers' section with a search bar and a 'Liste des profils' dropdown. A list of pagers is shown, each with a 'FAB' number, a name, and a 'BirdyWP-r2' label. The pagers are: GIBELIN\_J, GOUPIL\_P, HAINCOURT\_..., HAMON\_K, HENRY\_D, HOMMAIS\_P, HORN\_S, and JEGADO\_L. A large blue button labeled 'DÉPLOYER' is at the bottom of the modal.

A red arrow points from the text 'New software version deployment' to the 'Ajouter un fichier' button in the modal window.

Addition of pagers

**EXCEL file**





















































Numéro de serie	Centre du pager (Mnémonique)	Nom de l'utilisateur	Prénom de l'utilisateur	Type du pager	RIC	Mot de passe de perso	Mot de passe de flashage

**TPL** **eBIRDY** Support(s) Pagers Paramètres Utilisateur : Administrateur ad.

### Liste des Pagers

[Ajouter un pager](#)

Enregistrements par page :  Rechercher :

Type	Groupe	Numéro de série	Utilisateur	Version Soft	Statut Soft	Version Perso	Statut Perso	Actions
BirdyWP-r2	Fabrication	0915303091925	NICOLAS_I	1.00.3.3	✓	0915303091925-birdyWPr2-rev2	✓	    
BirdyWP-r2	Fabrication	0915303091924	NDIAYE_O	1.00.3.3	✓	0915303091924-birdyWPr2-rev2	✓	    
BirdyWP-r2	Fabrication	0915303091923	MUNAGORRI_...	1.00.3.3	✓	0915303091923-birdyWPr2-rev2	✓	    
BirdyWP-r2	Fabrication	0915303091922	MOSCODIER_...	1.00.3.3	✓	0915303091922-birdyWPr2-rev2	✓	    
BirdyWP-r2	Fabrication	0915303091921	MAILFERT_G	1.00.3.3	✓	0915303091921-birdyWPr2-rev2	✓	    
BirdyWP-r2	Fabrication	0915303091920	LENGLOS_C	1.00.3.3	✓	0915303091920-birdyWPr2-rev2	✓	    
BirdyWP-r2	Fabrication	0915303091919	LEGIER_B	1.00.3.3	✓	0915303091919-birdyWPr2-rev2	✓	    
BirdyWP-r2	Fabrication	0915303091918	LE NOU...NE_...	1.00.3.3	✓	0915303091918-birdyWPr2-rev2	✓	    
BirdyWP-r2	Fabrication	0915303091917	LASSIETTE_...	1.00.3.3	✓	0915303091917-birdyWPr2-rev2	✓	    
BirdyWP-r2	Fabrication	0915303091916	LAGIRAND_R	1.00.3.3	✓	0915303091916-birdyWPr2-rev2	✓	    

Affichage de l'élément 381 à 390 sur 484 éléments

Précédent 1 ... 38 **39** 40 ... 49 Suivant



**THANK YOU.**