

# 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



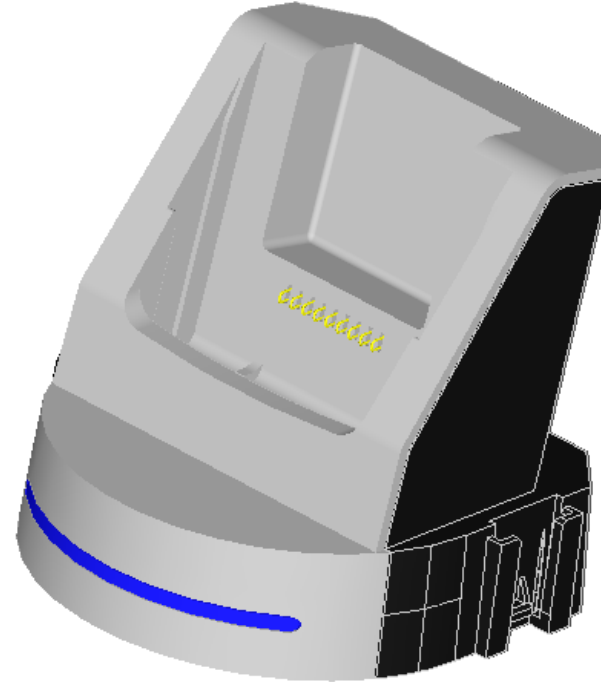
# BIRDY III

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





# BIRDY Slim

Innovative pager

**Internet of Things  
(IoT) compatible**

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



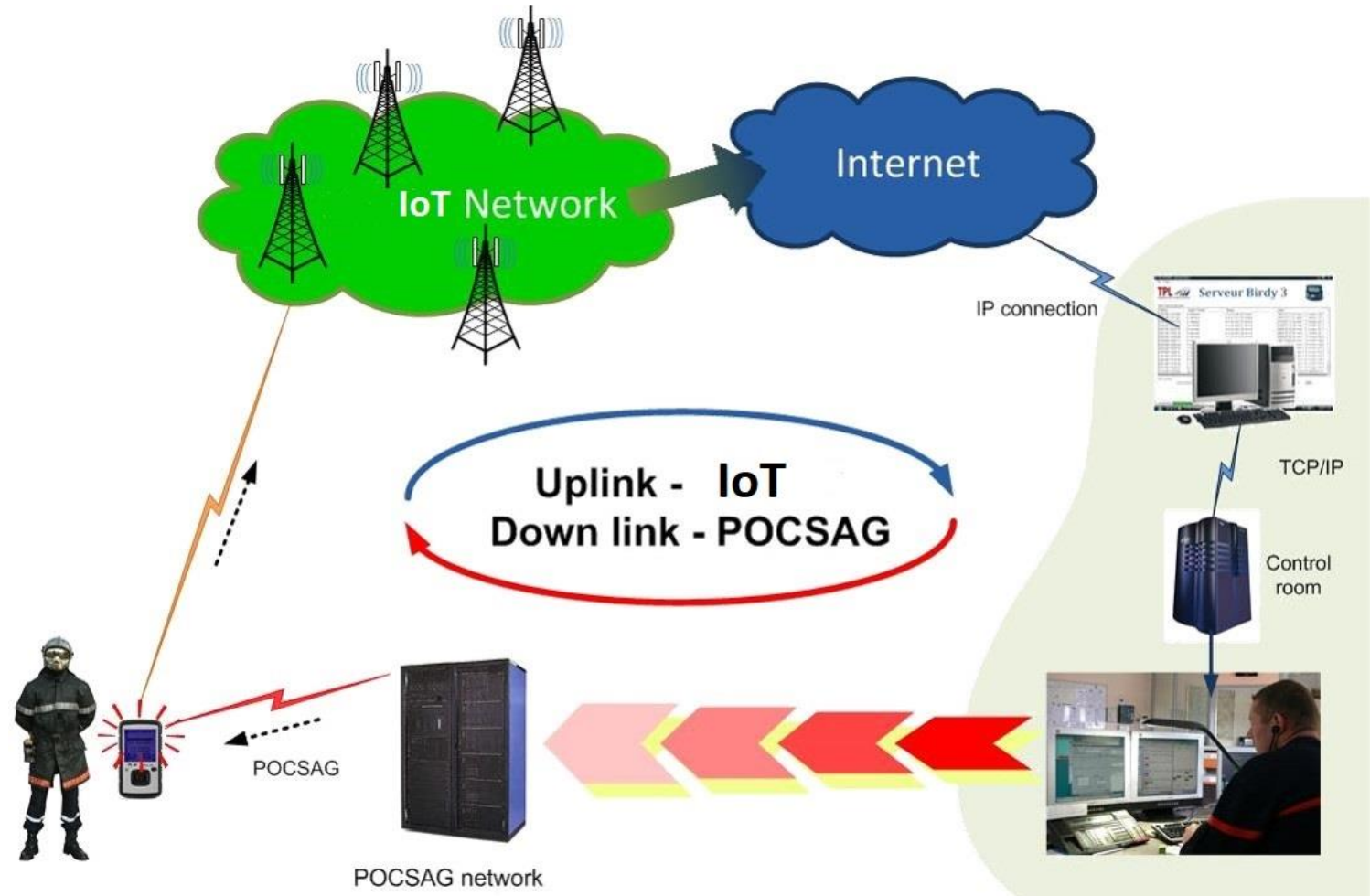
This feature is integrated on each BIRDY Slim. No alert receipt is possible with IoT network .

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





**Internet of Things (IoT) compatible**

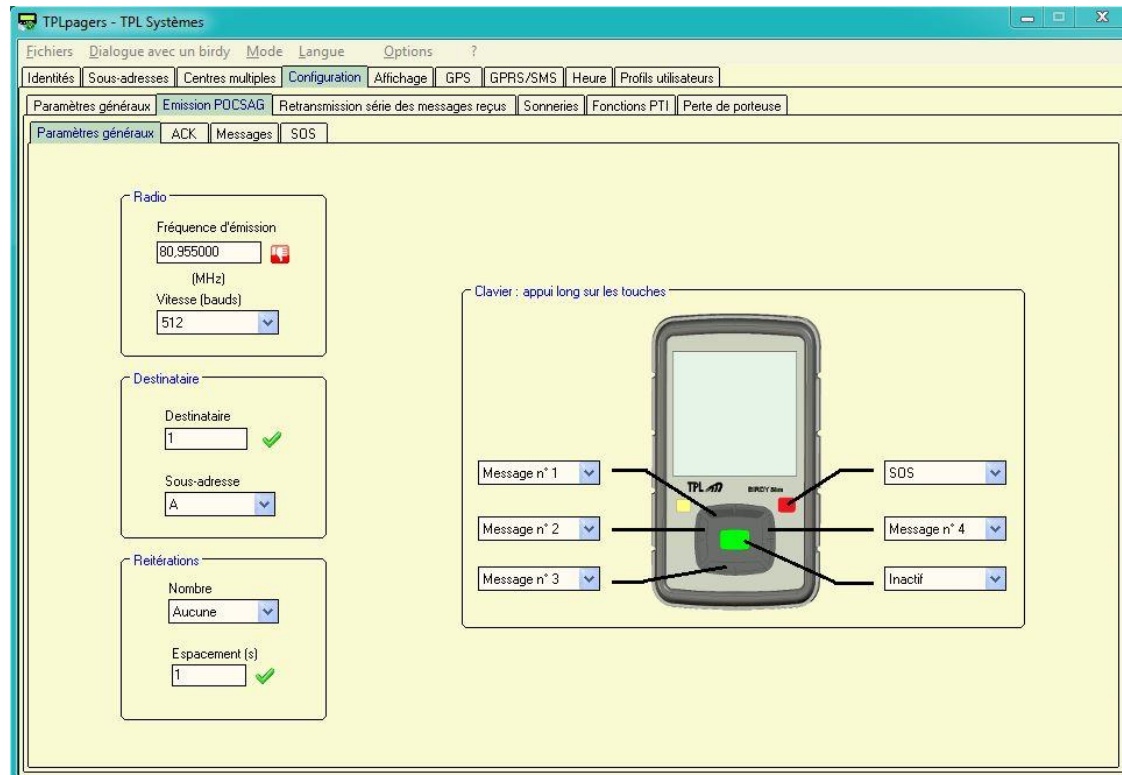
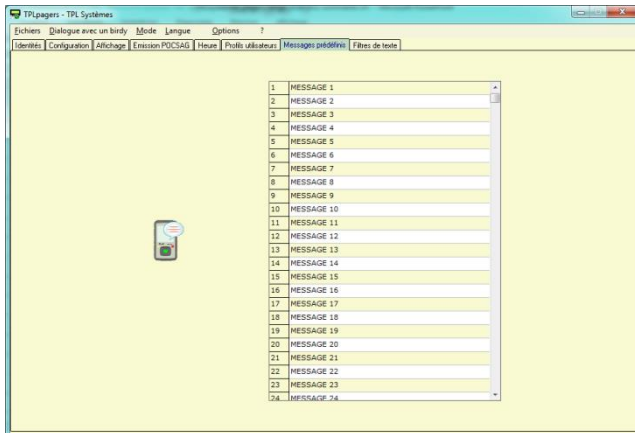
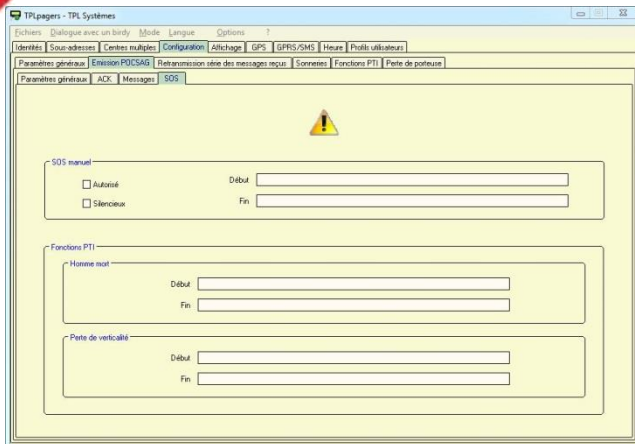




# BIRDY Slim

## Programming software

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





# 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.

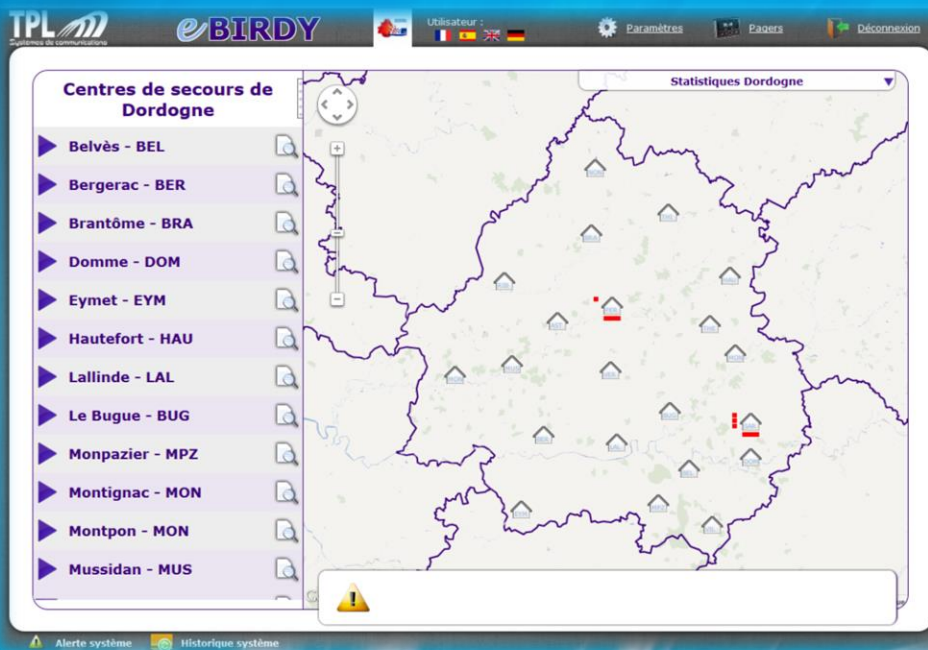
The name of this system is **Birdy IPS** for Indoor Positioning System.

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**



**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



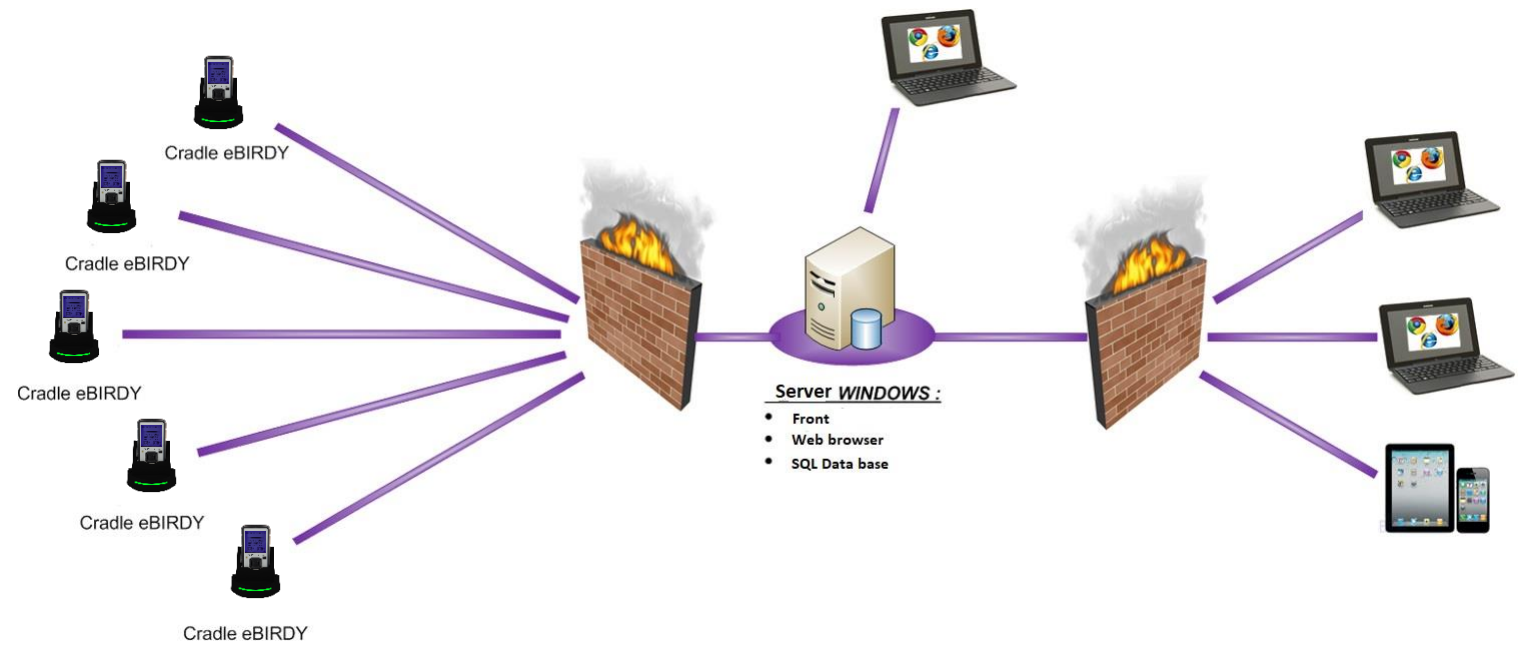
**Fire brigades**



**Control room server**



**Web browser**





Fire brigades list


Map of the fire brigades

The screenshot shows the eBIRDY website interface. At the top, there is a purple navigation bar with the TPL logo, the eBIRDY logo, and menu items for Support(s), Pagers, and Paramètres. On the right side of the bar, it displays 'Utilisateur : Administrateur ad.' with a user icon. The main content area is divided into two sections. On the left, under the heading 'TPL SYSTEMES TPLS', there is a list of fire brigades, each with a blue arrow icon and a small image of a mobile device. The list includes: TPL - TPL SYSTEMES, ABM - AB COM, 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. On the right, there is a map of the region around Brive-la-Gaillarde, France, with several red markers indicating the locations of fire brigades. Two red arrows point from the text labels above to the corresponding sections in the screenshot.




## Statistics on customization follow-ups and software updating

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>

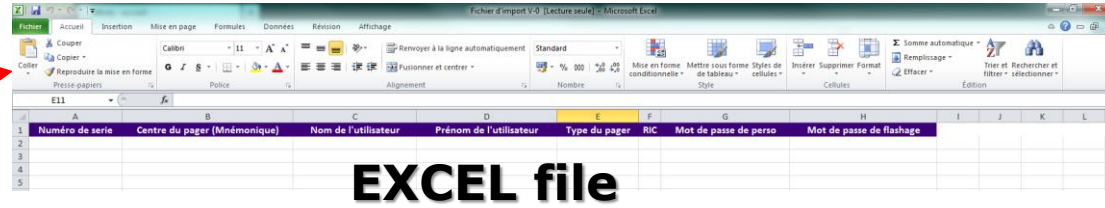
eBirdy V2.1.7 800 

## New software version deployment

The screenshot displays the 'Logiciel pager du groupe TPL SYSTEMES' interface. At the top, there is a navigation bar with 'Support(s)', 'Pagers', and 'Paramètres' icons, and a user profile 'Utilisateur : Administrateur ad.'. The main content area features 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 input and a 'Liste des profils' dropdown. A list of pagers is shown on the left, including 'GIBELIN\_J', 'GOUIL\_P', 'HAINCOURT\_...', 'HAMON\_K', 'HENRY\_D', 'HOMMAIS\_P', 'HORN\_S', and 'JEGADO\_L'. A pager 'HAINCOURT\_...' is selected and shown in a preview window on the right. A large 'DÉPLOYER' button is at the bottom of the interface.



Addition of pagers



Liste des Pagers

Enregistrements par page : 10

Ajouter un pager

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 NOUÛNE_...	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.**