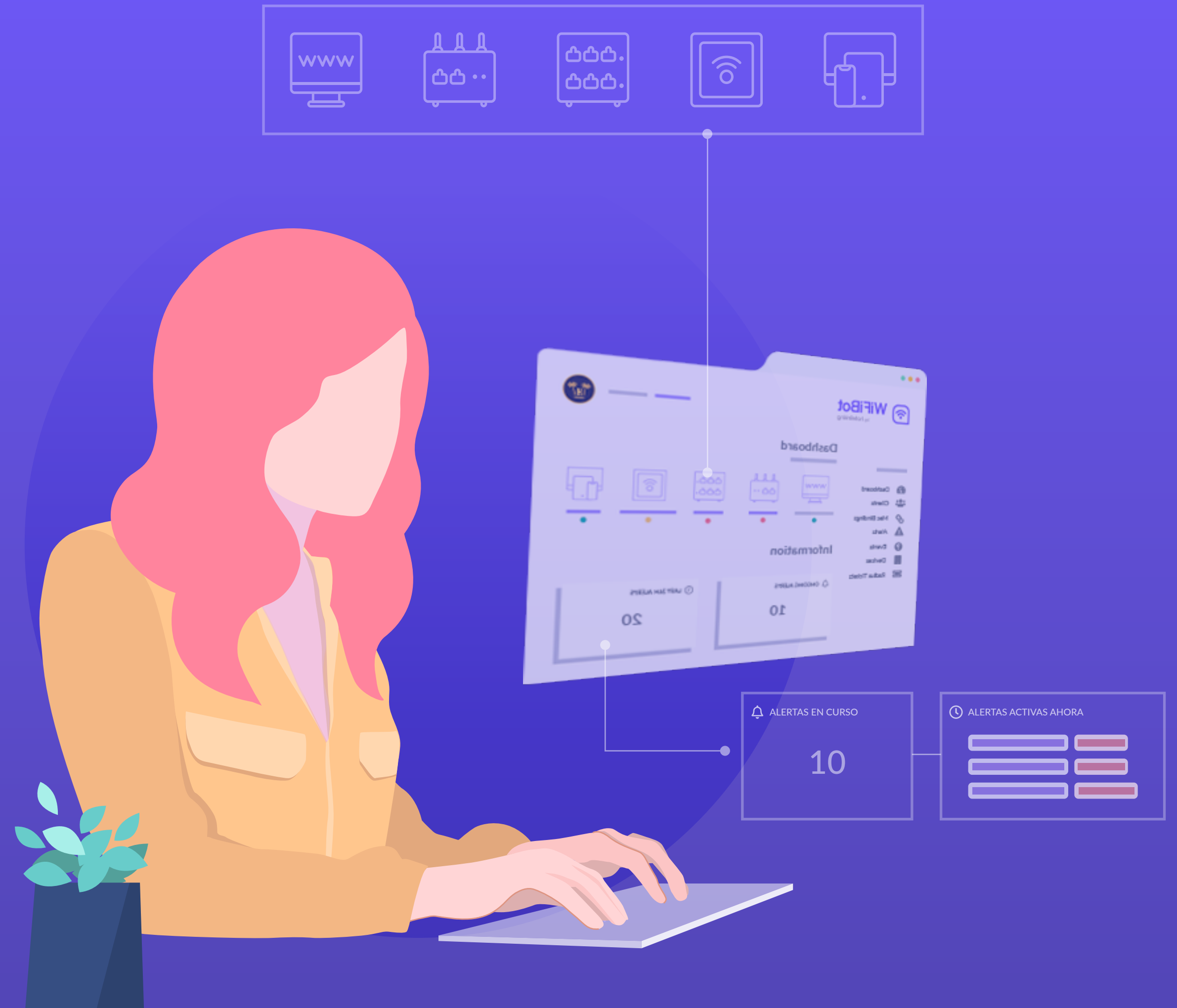


WiFiBot

Monitor
the infrastructure
and operation
of your WiFi

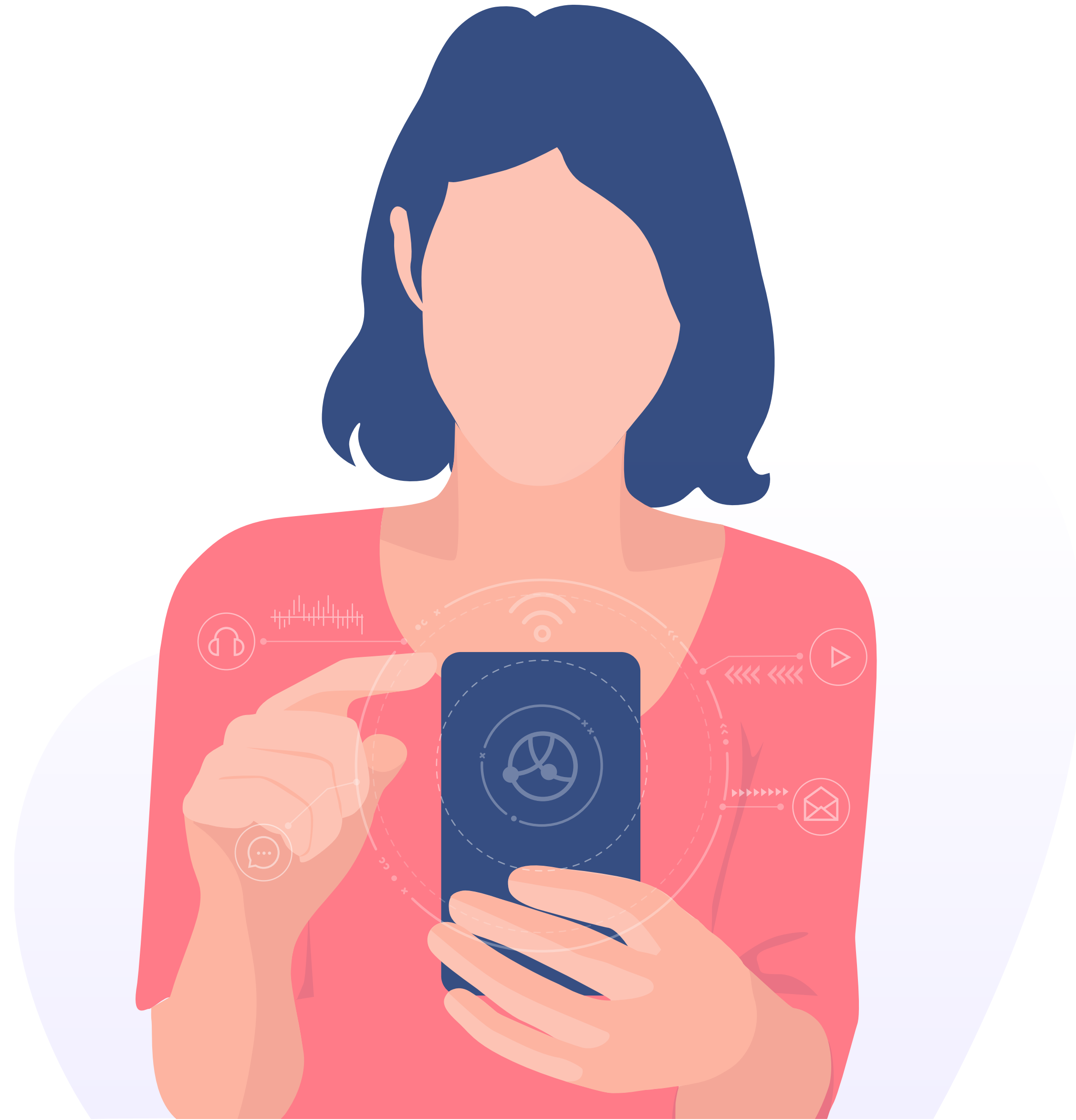
hotelinking



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Problem scenario	□○	4
Benefits	xx	5
Main features	□○	6

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About WiFiBot

When a guest cannot access the internet or the connection is very slow, they ask hotel staff for help. However, in most cases, these incidents can be solved immediately and without the intervention of other people.

WiFiBot is a system that automatically solves these guest connection problems using IoT technology.

Problem scenario



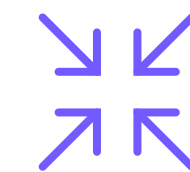
Loss of internet connection during stay



Uneven WiFi performance within the hotel



Slowness of the WiFi connection in general or at specific times



Incidents on the network often arising unexpectedly

Hotel reception collapsing when the WiFi fails



In case of a problem, the presence of a technician is needed



WiFi malfunctions affect the hotel's image and future bookings from repeat guests



Benefits

For the guest

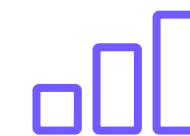


They perceive that you are using a quality service that meets their expectations.



It improves their satisfaction as it allows them to stay connected at all times, which can encourage them to choose that hotel again and recommend it.

For the hotel



It guarantees full and quality coverage across the hotel so that user experience is positive everywhere.



It considerably reduces the number of incidents that occur by anticipating possible malfunctions or network saturation in advance.



It makes work easier for staff, who can focus on offering optimal guest service, without worrying about incidents of this type.



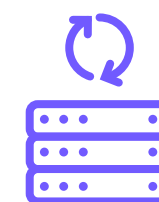
Main features



AP down: we are able to automatically recover an access point (AP) that has lost connectivity or is not working properly.



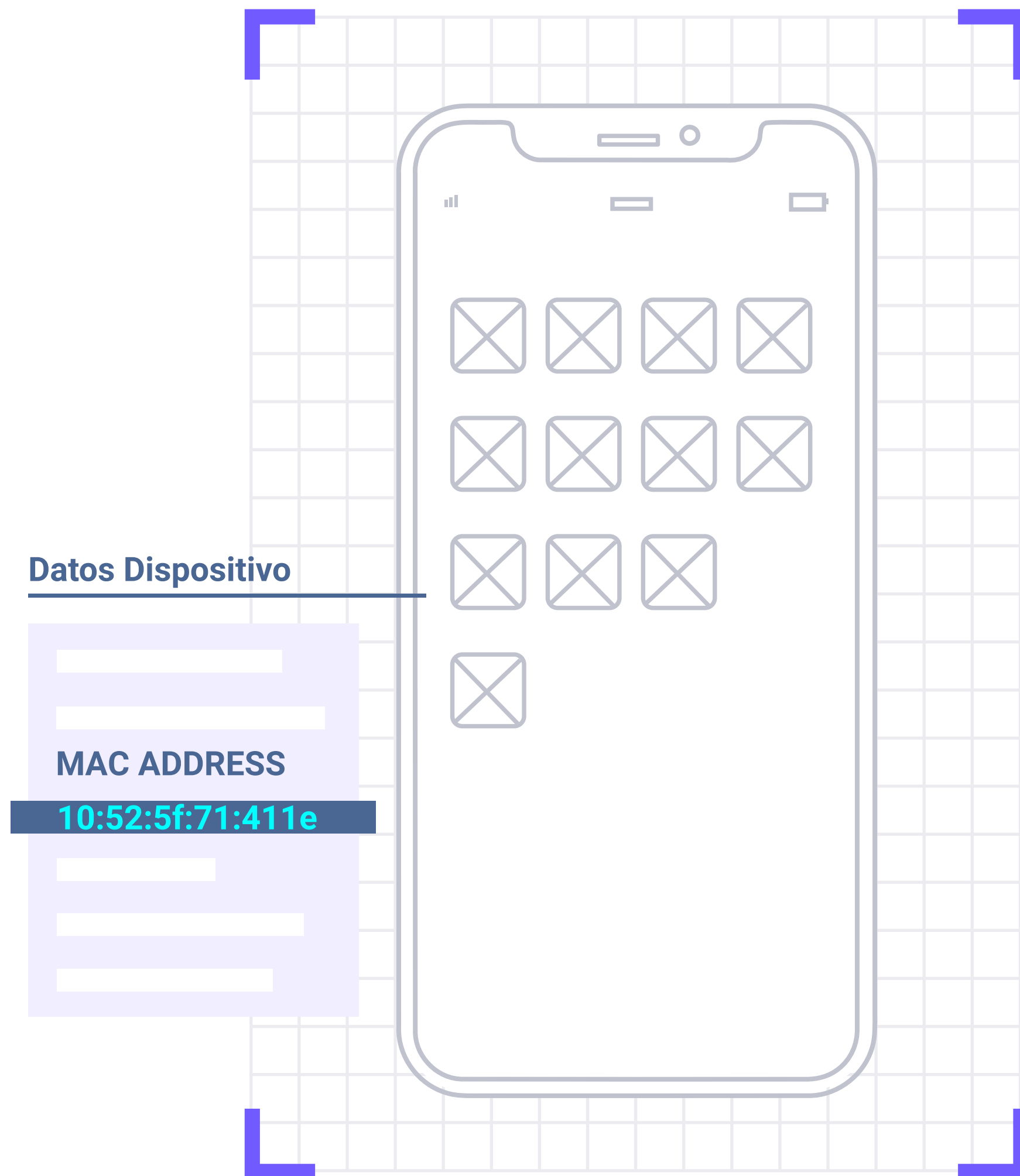
Sticky client: WiFiBot automatically finds and connects the device to the closest access point with the best signal.



Wan Failover: we check the status of your internet outlets and adjust their settings so that they have the best performance at all times.



Other features



Guest information: it analyses all relevant information derived from the use of WiFi by guests and its correct operation and performance. In a generic way, valuable data can be obtained such as where they connected from, how long they have been connected, connections per language, etc.

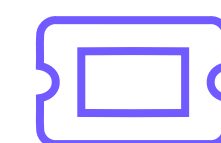


Monitoring panel to manage, control and know:

- The status of devices and services
- The design of the network and its settings
- Connected users
- The management, control and log of all network incidents
- Performance metrics
- WAN status



List of MAC Bindings: record of all captive portal bypasses that have been created, automatic whitelists per device types.



Radius Tickets: possibility of creating codes to offer a special WiFi service to guests (free, higher speed or payable connection).

Characteristics



Multivendor

Capable of monitoring any element connected to the network regardless of the manufacturer.



Automation

Solves incidents automatically and without the need for staff intervention.



Proactive monitoring

Detects performance problems and continuously evaluates components to maintain and optimise their availability to avoid downtime or network failures.



Performance

It includes a metric about the wireless health of each connected item.

Dashboard



- Dashboard
- Clients
- Mac Bindings
- Alerts
- Events
- Devices
- Radius Tickets

Welcome to the dashboard of Paradise Hotel

 Internet Access ●	 Routers (1) ● corp	 Switchs(1) ●	 Access points (10) ●	 Clients (0) ●
--------------------------	---------------------------	---------------------	-----------------------------	----------------------

Information

 ONGOING ALERTS 10	 LAST 24H ALERTS 20	 FIXED ALERTS 10
------------------------------	-------------------------------	----------------------------

Main panel

In the main panel you get an overview of the network status.

Information

- Dashboard
- Clients
- Mac Bindings
- Alerts
- Events
- Devices
- Radius Tickets

<p> ONGOING ALERTS</p> <p style="font-size: 2em; text-align: center; margin-top: 20px;">10</p>	<p> LAST 24H ALERTS</p> <p style="font-size: 2em; text-align: center; margin-top: 20px;">20</p>	<p> FIXED ALERTS</p> <p style="font-size: 2em; text-align: center; margin-top: 20px;">10</p>																																		
<p> REAL TIME EVENTS</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td><td>Alert created AP 9</td></tr> <tr><td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td><td>Alert created AP 1</td></tr> <tr><td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td><td>Alert created AP 8</td></tr> <tr><td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td><td>Alert created AP 1</td></tr> <tr><td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td><td>Alert created AP 0</td></tr> <tr><td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td><td>Alert created AP 3</td></tr> <tr><td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td><td>Alert created AP 8</td></tr> </table>	2020-08-11 09:02:30	Alert created AP 9	2020-08-11 09:02:30	Alert created AP 1	2020-08-11 09:02:30	Alert created AP 8	2020-08-11 09:02:30	Alert created AP 1	2020-08-11 09:02:30	Alert created AP 0	2020-08-11 09:02:30	Alert created AP 3	2020-08-11 09:02:30	Alert created AP 8	<p> ACTIVE ALERTS</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td> <td style="background-color: #ffe6e6; padding: 2px;">Wan Failed</td> <td>Switch down AP 6</td> </tr> <tr> <td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td> <td style="background-color: #ffe6e6; padding: 2px;">Wan Failed</td> <td>AP down AP 9</td> </tr> <tr> <td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td> <td style="background-color: #ffe6e6; padding: 2px;">Switch Down</td> <td>AP down AP 7</td> </tr> <tr> <td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td> <td style="background-color: #ffe6e6; padding: 2px;">Wan Failed</td> <td>Switch down AP 8</td> </tr> <tr> <td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td> <td style="background-color: #ffe6e6; padding: 2px;">Access Point Down</td> <td>AP down AP 3</td> </tr> <tr> <td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td> <td style="background-color: #ffe6e6; padding: 2px;">Wan Failed</td> <td>Switch down AP 0</td> </tr> <tr> <td style="background-color: #e6e6fa; padding: 2px;">2020-08-11 09:02:30</td> <td style="background-color: #ffe6e6; padding: 2px;">Sticky Client</td> <td>AP down AP 1</td> </tr> </table>	2020-08-11 09:02:30	Wan Failed	Switch down AP 6	2020-08-11 09:02:30	Wan Failed	AP down AP 9	2020-08-11 09:02:30	Switch Down	AP down AP 7	2020-08-11 09:02:30	Wan Failed	Switch down AP 8	2020-08-11 09:02:30	Access Point Down	AP down AP 3	2020-08-11 09:02:30	Wan Failed	Switch down AP 0	2020-08-11 09:02:30	Sticky Client	AP down AP 1
2020-08-11 09:02:30	Alert created AP 9																																			
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2020-08-11 09:02:30	Access Point Down	AP down AP 3																																		
2020-08-11 09:02:30	Wan Failed	Switch down AP 0																																		
2020-08-11 09:02:30	Sticky Client	AP down AP 1																																		

It can be accessed by both technicians and staff members designated by the property and it is possible to check:

- Device and service status
- Performance metrics
- Connected users
- WAN status
- Management, control and log of incidents



- Dashboard
- Clients
- Mac Bindings
- Alerts
- Events
- Devices
- Radius Tickets

Clients

Sort by: ▾

Choose... ▾ Filter by...

Device	Location	Name	IP	MAC	Signal	Rx_Rate	Tx_Rate	Interface	Status	Date
Living room router	Living room	Hotspot	192.168.161.121	00:08:44:B5:F0:AD	Good	42.2 kbps	151.5 kbps	Ubuntu	Good	2020-08-11 9:02:30

Previous Next

Client panel

This panel provides detailed information about the devices connected to the network such as their location, MAC address or the quality of the signal it receives.



- Dashboard
- Clients
- Mac Bindings ☰
 - Create new MAC Binding
- Alerts
- Events
- Devices ☰
- Radius Tickets

MAC Bindings

Sort by: ▼ Choose... ▼ Filter by...

Mac	Disabled	Comments
44:21:B5:A4:9A:A6	No	Created

[Previous](#) [Next](#)

Mac Bindings panel

From the panel it is also possible to create captive portal bypasses, automated whitelists per device type, so that everything is recorded in one place.



- Dashboard
- Clients
- Mac Bindings
- Alerts
- Events
- Devices
- Radius Tickets

Alerts

Sort by: ▾

Choose... ▾

Filter by...

Status	Type	Device	Start	End
Not resolved	Wan Failed	AP 6	2020-08-11 09:02:30	2020-08-11 09:02:30
Not resolved	Wan Failed	AP 9	2020-08-11 09:02:30	2020-08-11 09:02:30
Not resolved	Switch Down	AP 7	2020-08-11 09:02:30	2020-08-11 09:02:30
Not resolved	Wan Failed	AP 8	2020-08-11 09:02:30	2020-08-11 09:02:30
Not resolved	Access Point Down	AP 3	2020-08-11 09:02:30	2020-08-11 09:02:30
Not resolved	Wan Failed	AP 0	2020-08-11 09:02:30	2020-08-11 09:02:30

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Alerts panel

It details all the problems that the network has suffered, specifying the access point.



- Dashboard
- Clients
- Mac Bindings
- Alerts
- Events
- Devices
- Radius Tickets

Events

Sort by: ▾

Choose.. ▾

Filter by...

Device	Alert	Action	Message	Start
AP 9	30	model_created	Alert created	2020-08-11 09:02:30
AP 1	29	model_created	Alert created	2020-08-11 09:02:30
AP 8	28	model_created	Alert created	2020-08-11 09:02:30
AP 1	27	model_created	Alert created	2020-08-11 09:02:30
AP 0	26	model_created	Alert created	2020-08-11 09:02:30
AP 3	25	model_created	Alert created	2020-08-11 09:02:30

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Events panel

All incidents that have occurred on the network, as well as the actions that they have triggered, are registered in the events panel.



- Dashboard
- Clients
- Mac Bindings
- Alerts
- Events
- Devices
- Radius Tickets

Devices

Sort by: ▾

Choose... ▾

Filter by...

Name	Type	Model	Location	IP	MAC	Health	Alert
hotspot	router	RB1100	Living room	192.168.161.121	00:08:44:B5:F0:AD	Good	No
SWITCH 2	switch	USW-24P-250	Reading room	192.168.198.197	3F:21:AA:8D:35:23	Bad	No
AP 6	accesspoint	UAP-AC-Pro-Gen2	Kids swimming pool	192.168.62.140	44:21:B5:A4:9A:A6	Bad	Yes
AP 9	accesspoint	UAP-AC-Mesh-Pro	Outdoor swimming pool	192.168.96.24	4D:82:CF:EF:76:48	Bad	Yes
AP 7	accesspoint	UAP-AC-LR	Conference room	192.168.187.152	4A:62:61:16:B0:54	Bad	Yes
AP 8	accesspoint	UAP-AC-Mesh-Pro	Living room	192.168.162.23	1D:AA:CA:AB:F0:BB	Bad	Yes

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Devices panel

It shows the record and description of each of the devices connected to the network.

- Dashboard
- Clients
- Mac Bindings
- Alerts
- Events
- Devices
- Radius Tickets

Radius Tickets

Select profile

Insert rate

Insert comment

Create ticket

Radius Tickets panel

To offer a special WiFi service to guests (free, higher speed or payable connection) it is possible to create certain codes from the dashboard.



- Dashboard
- Clients
- Mac Bindings
- Alerts
- Events
- Devices
- Radius Tickets

Radius Tickets

Export


Sort by: ▼ Choose... ▼ Filter by...

ID	User	Profile	Rate	Comment	Creation Date	Actions
29	9Y4WAZRg	7 days 2 devices	3	Comment	05-10-2020 11:18	Print
30	6YPOXyNQ	7 days 2 devices	7.54	Comment	05-10-2020 11:19	Print
31	ad99zsmJ	3 days 2 devices	3	Comment	08-10-2020 10:55	Print
32	GyEn43j1	1 day 1 device	4.21	Comment	08-10-2020 10:56	Print
33	FqWT9h46	1 day 1 device	4.21	Comment	08-10-2020 10:56	Print
34	YBzKSh6C	3 days 2 devices	0	Comment	08-10-2020 10:58	Print

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- Suite of contactless tools for hotels 
- Contactless technology for hotels 

hotelinking

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