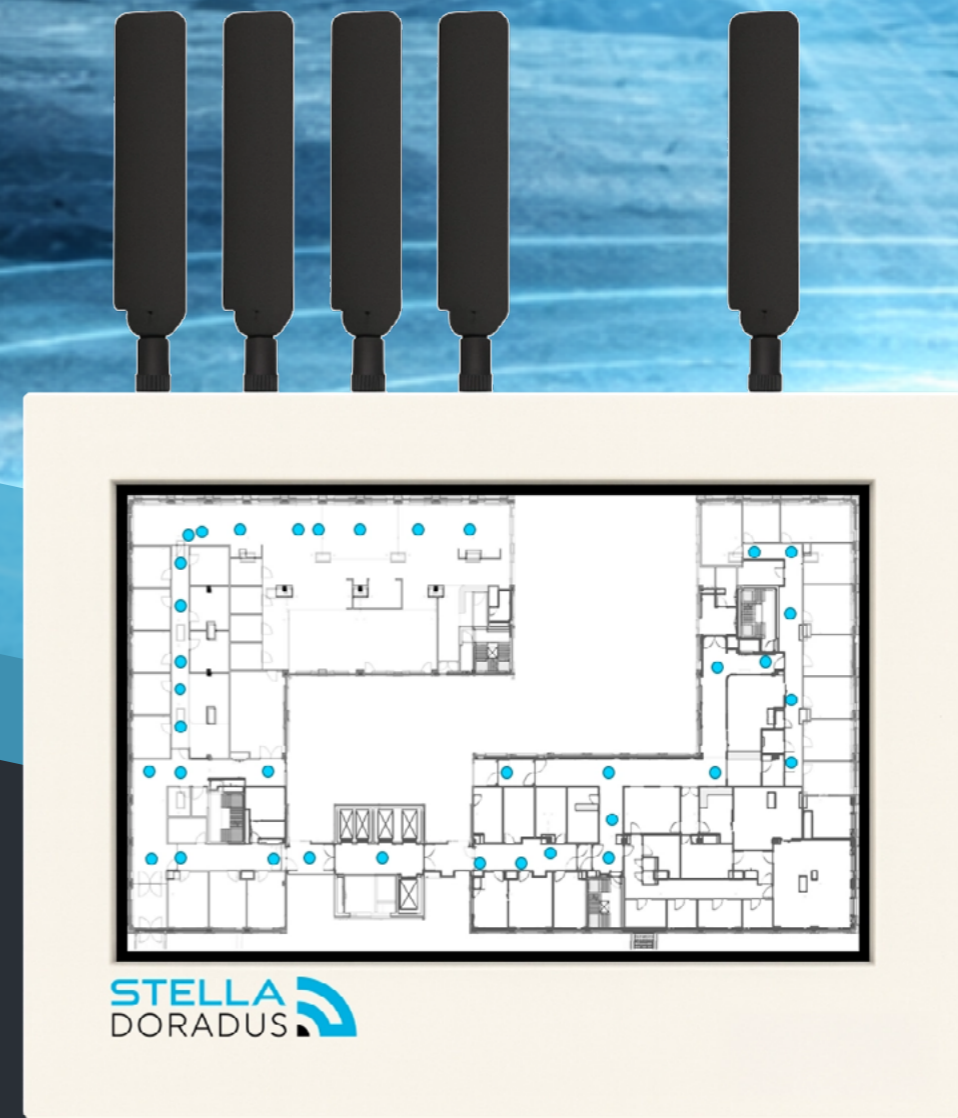
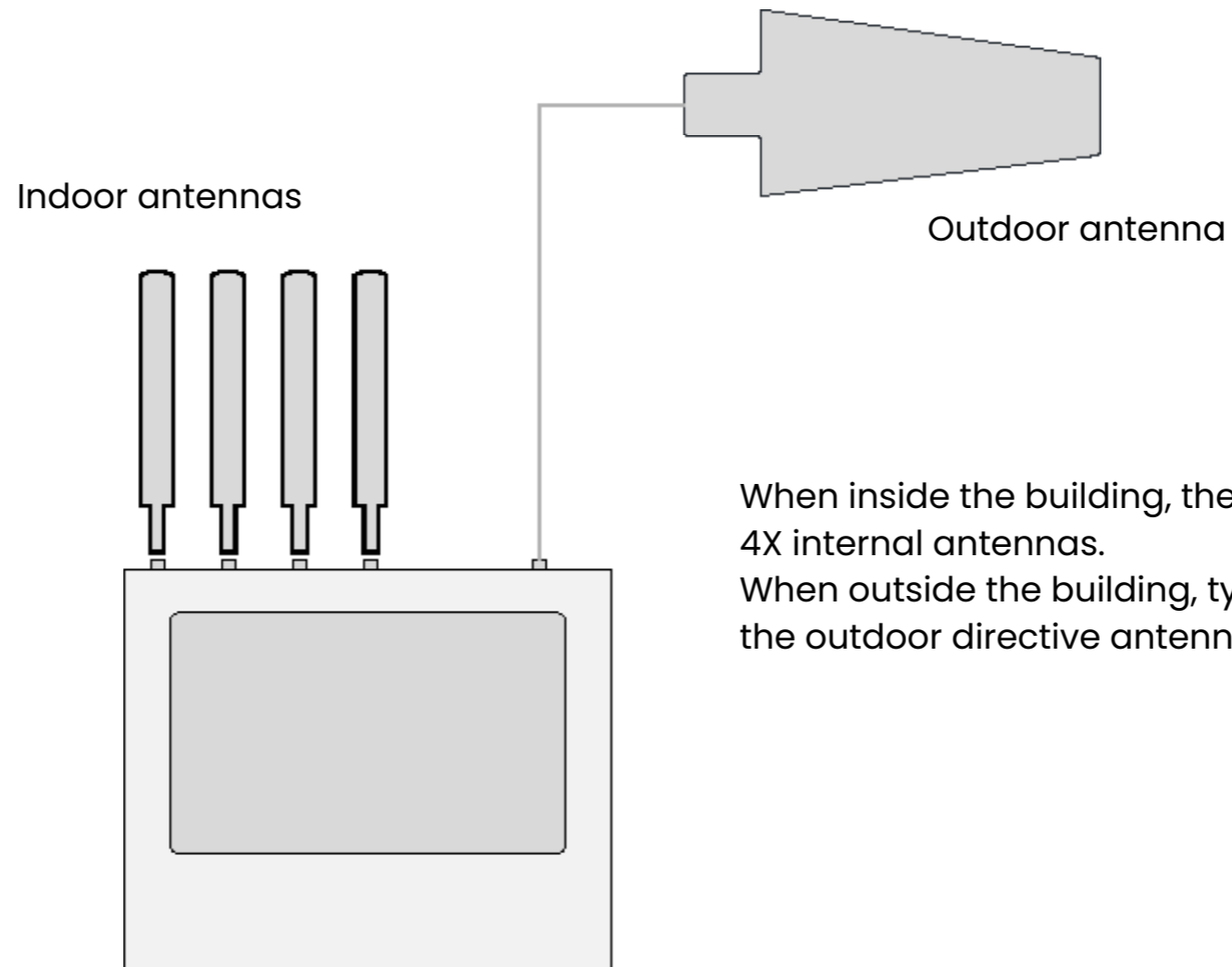
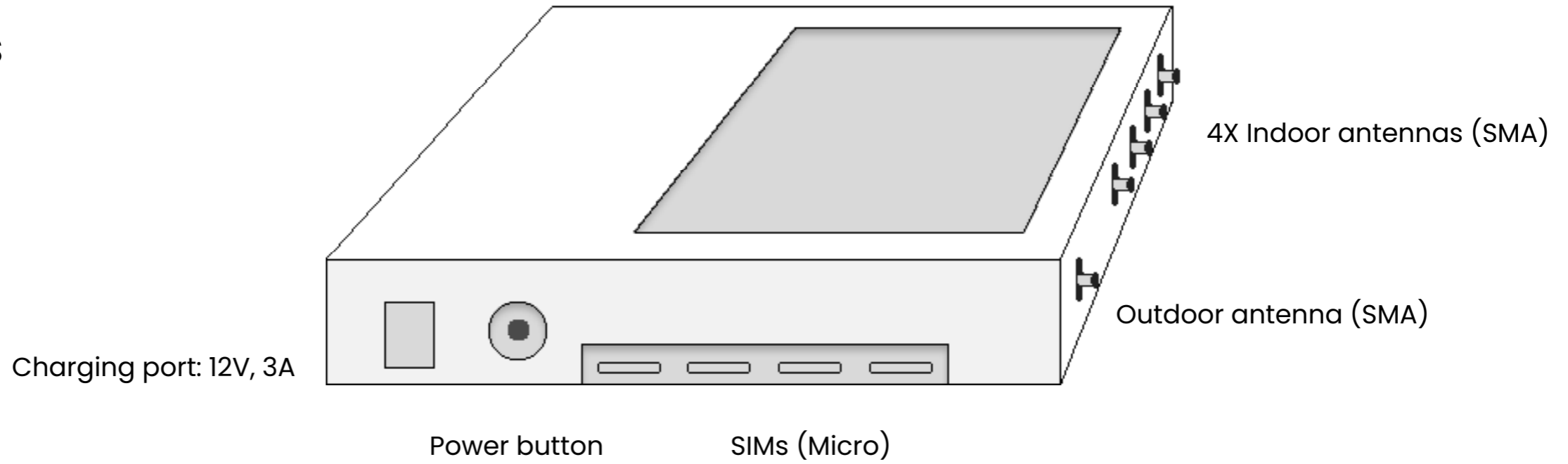


Signal Analyzer  
**Shark**  
Manual



# Diagrams



When inside the building, the survey will use the 4X internal antennas.  
When outside the building, typically on the roof, the outdoor directive antenna will be used.

# Quick Start

1. Create site
2. Upload building plans to site
3. Link survey results to site.

Login into your account on  
[www.stellacontrol.com](http://www.stellacontrol.com)

Go to **Sites**.  
Click **+ Add Site**.  
On your new Site, click **Create**.

Site	Site Plan	TT	Alerts	Customer	Devices	Notes	Created	Modified	Modified By
★ Foxes Den	Edit	...		ABC Shipping			11/03/2026	11/03/2026	ferdbrowne@gmail.com
★ building 90	Edit	...		ABC Shipping			05/12/2025	15/12/2025	
★ Building 79	Edit	...		ABC Shipping			03/12/2025	08/03/2026	
☆ Foxes Den2	Create	...		ABC Shipping			11/03/2026	11/03/2026	ferdbrowne@gmail.com
☆ Ferd's Loft	Edit	005531		ABC Shipping			04/03/2026	11/03/2026	ferdbrowne@gmail.com
☆ ebDS TRAINING	Edit	...		ABC Shipping			24/02/2026	24/02/2026	Carl1@stelladoradus.com
☆ TT Plan Sample	Edit	005530		ABC Shipping			20/02/2026	20/02/2026	
☆ test manual import	Edit	...		ABC Shipping			11/02/2026	11/02/2026	
☆ test png	Edit	...		ABC Shipping			11/02/2026	02/03/2026	
☆ test pdf	Edit	...		ABC Shipping			11/02/2026	11/02/2026	
☆ Demo CRN Glasgow	Edit	005530		ABC Shipping			23/01/2026	24/02/2026	
☆ DemoTT2	Edit	005530		ABC Shipping			04/11/2025	02/03/2026	
☆ PAREDES	Edit	...		ABC Shipping			22/09/2025	08/12/2025	ferdbrowne@gmail.com
☆ Al Ojani-Matco Factory	Edit	...		ABC Shipping			29/07/2025	21/01/2026	
☆ Hotel Pullman	Edit	005528	1	hotel Pullman	2		25/06/2025	02/03/2026	

Use the **Import Tool** to upload all the PDF plans for your Site. One PDF per floor.

Next, Click **"Select Shark"**  
Choose the serial of your Shark.  
Now this Site will appear in the Sites dropdown list on your Shark survey tool.  
Any surveys conducted on your Shark will now automatically appear on this site on StellaControl.

Foxes Den  
Home > Sites > ABC Shipping > Foxes Den > Plan

Select a Test Tool Import plans Notes Menu

Cross Section Floor Plan

The plan is empty

Terms and conditions apply. The provided information is used to estimate the signal strength across the building and the materials required for installation. These estimates are approximate and may be subject to changes at any time in the future.

Toolbox

Cross Section Settings

Add Items

Device

Repeater Line Amp

Antenna

Omni Outdoor Yagi Wall Ceiling Laser

Splitter

Two-Way Three-Way Four-Way

# Spectrum Mode

2. Compare the signal from all mobile operators on any particular band.

Signal Power dBm

Operators



Menu button

Max hold/ Average/ Normal

Select Spectrum from the burger menu (top right). In this mode we can compare the signal from all mobile operators on any particular band.

# Survey Mode

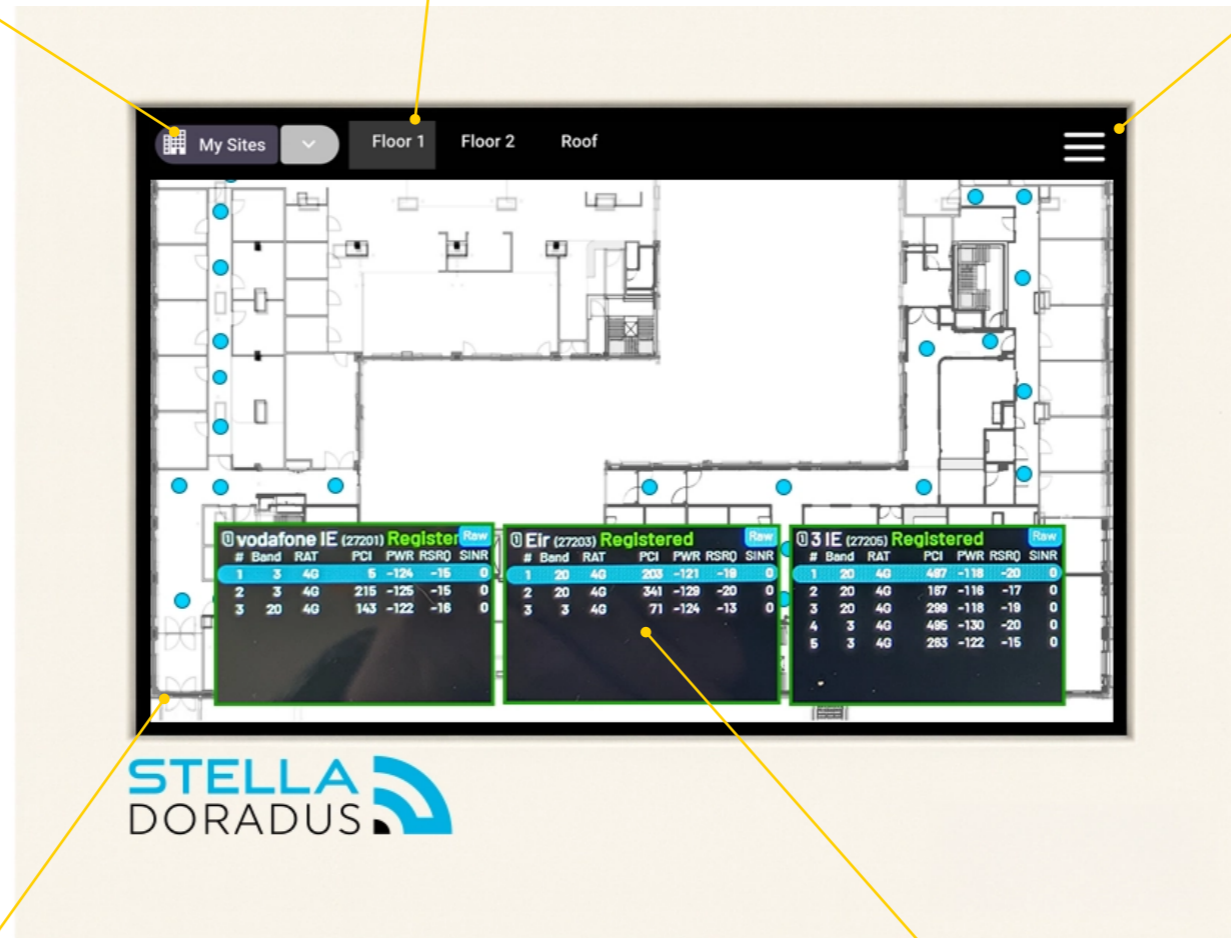
Indoor Survey

Compare the signal from all mobile operators for any particular band.

Select Site dropdown list

Select floors of Site

Menu



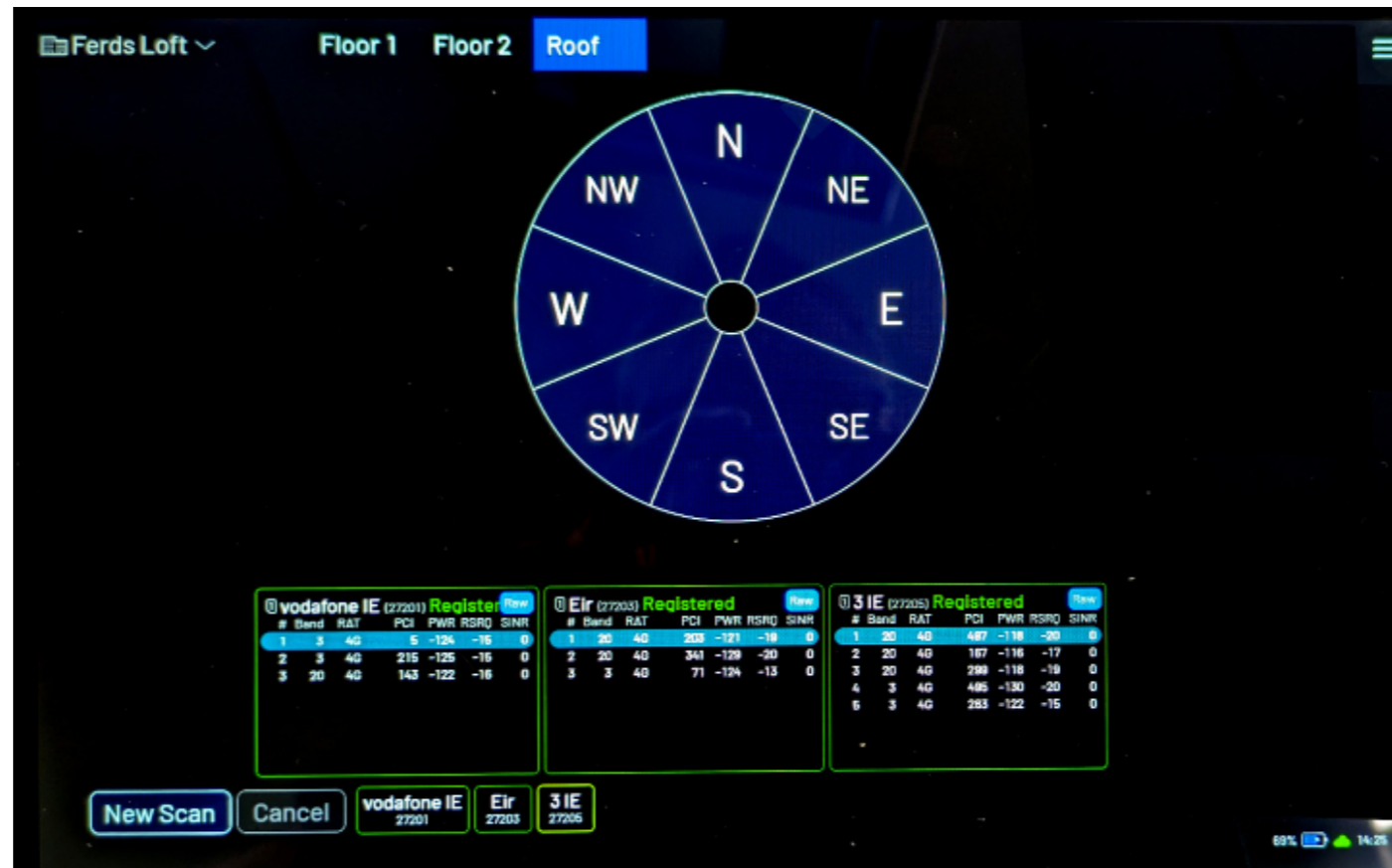
Start a new scan

Cell towers for each operator

In Survey mode we can see all our "linked" Sites. (Drop down list top left) A Site must first be created on StellaControl and linked to this CellShark before it will appear in this list. It will only appear **after the next reboot of the Shark.**

# Survey Mode

Outdoor Survey - find the orientation with the best signal for the outdoor antenna



When on the roof of the Site, Click "**Roof**".

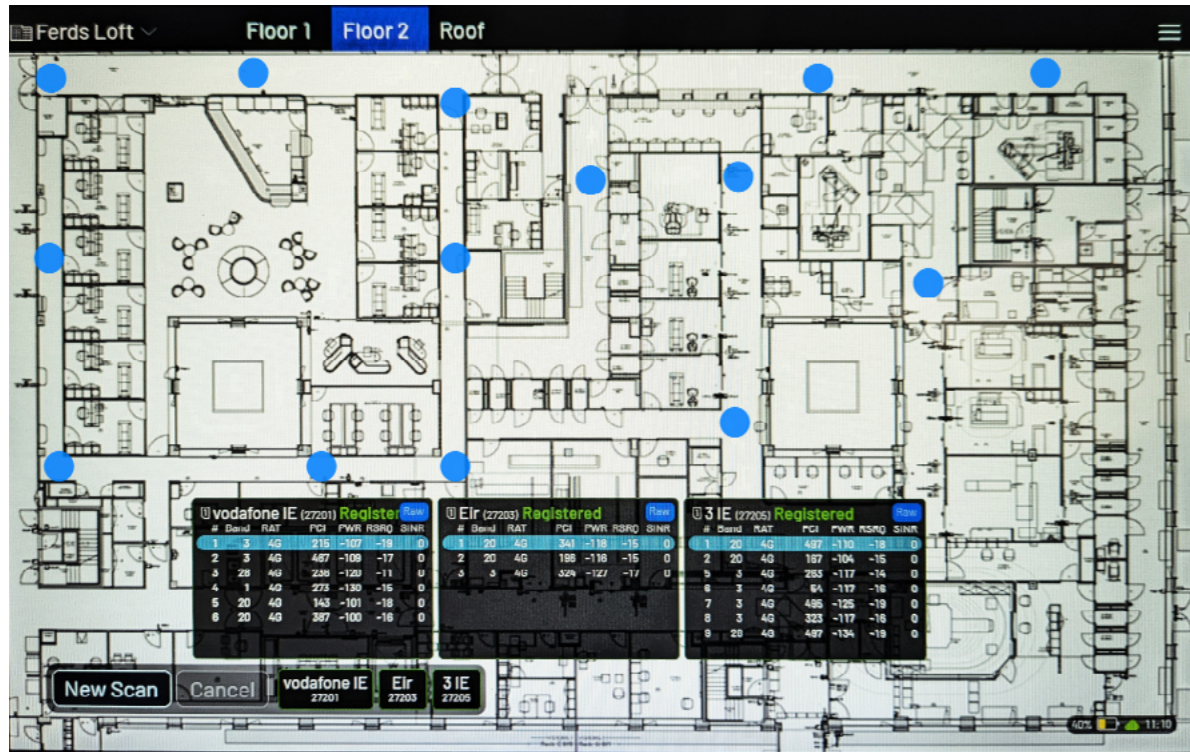
Click **New Scan**.

Point the directional antenna North and then click the **N** on the compass.  
A scan will start.

Do the same for all other directions.

Once all directions have been scanned, click **Save**.

All scan data is automatically sent to your site on StellaControl.



## How to start a Survey:

Select the floor where you are currently located, and Click **"New Scan"**

Touch your current position on the plan. A scan will initiate. It takes about 30 seconds to complete. The cells for all operators and all bands and services will be recorded.

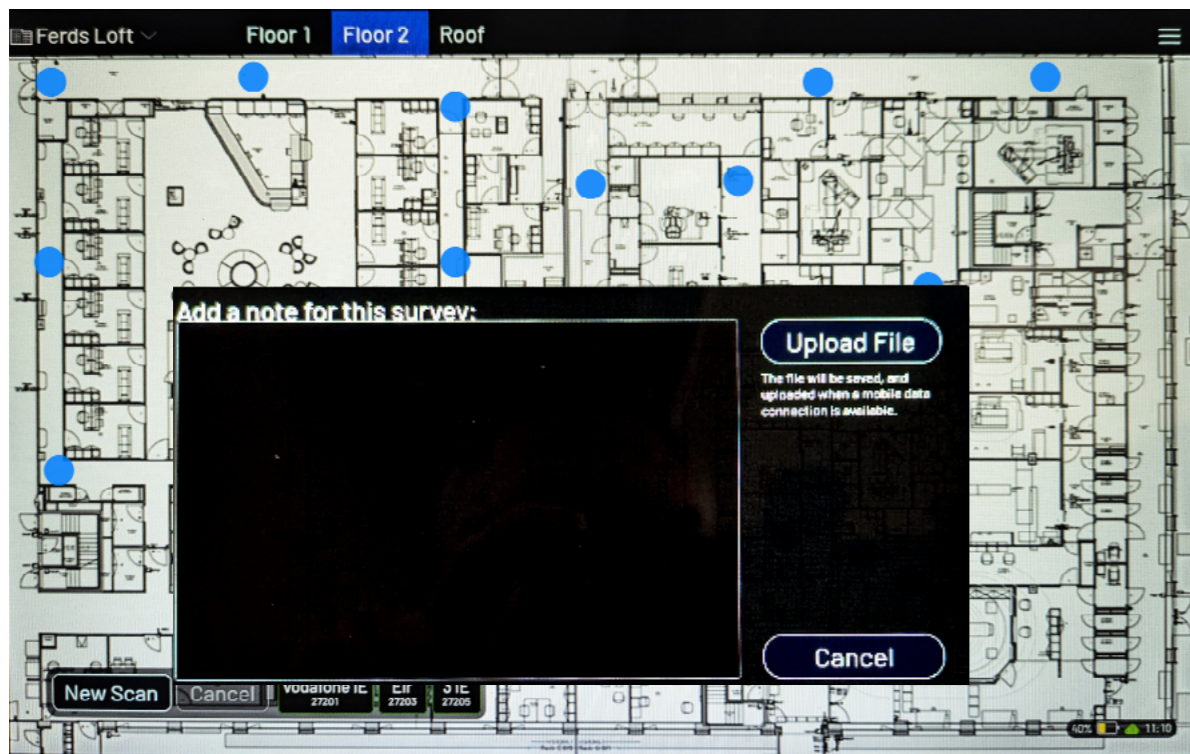
Then walk to your next point and touch on the plan your new position. Another scan will start.

Do as many scans as you like.

When you are finished walking to all your points click the **"Save"** button.

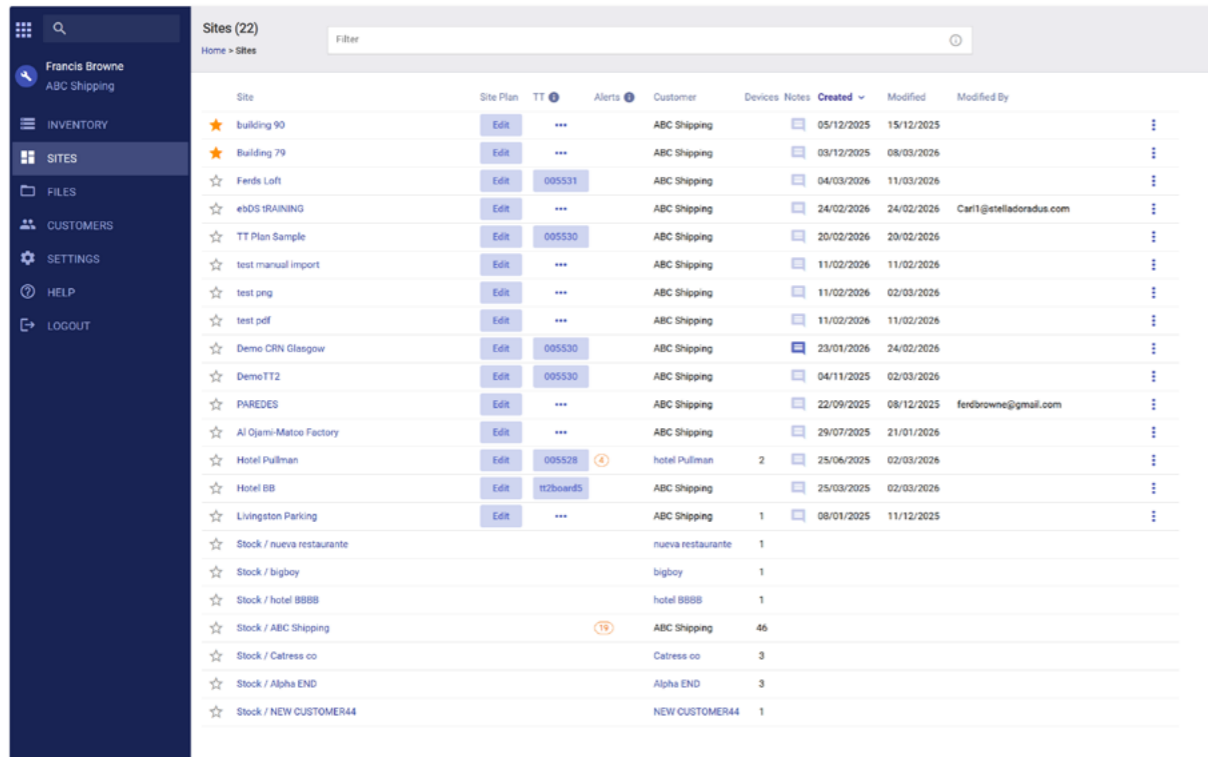
Once you click Save, you can add a note ( eg "before repeater installation" or "after repeater installation") and then all the scan points will be sent to your Site on StellaControl for later analysis and report generation.

Data is sent over the internal modem. No need to use WiFi or ethernet.



# StellaControl

View your Survey data on StellaControl.



Site	Site Plan	TT	Alerts	Customer	Devices	Notes	Created	Modified	Modified By
★ building 90	Edit	---	---	ABC Shipping			05/12/2025	15/12/2025	
★ Building 79	Edit	---	---	ABC Shipping			03/12/2025	08/03/2026	
☆ Ferds Loft	Edit	005531	---	ABC Shipping			04/03/2026	11/03/2026	
☆ ebDS TRAINING	Edit	---	---	ABC Shipping			24/02/2026	24/02/2026	Carl1@stelladoradus.com
☆ TT Plan Sample	Edit	005530	---	ABC Shipping			20/02/2026	20/02/2026	
☆ test manual import	Edit	---	---	ABC Shipping			11/02/2026	11/02/2026	
☆ test png	Edit	---	---	ABC Shipping			11/02/2026	02/03/2026	
☆ test pdf	Edit	---	---	ABC Shipping			11/02/2026	11/02/2026	
☆ Demo CRN Glasgow	Edit	005530	---	ABC Shipping			23/01/2026	24/02/2026	
☆ Demo TT2	Edit	005530	---	ABC Shipping			04/11/2025	02/03/2026	
☆ PAREDES	Edit	---	---	ABC Shipping			22/09/2025	08/12/2025	ferdbrowne@gmail.com
☆ Al Qjami-Matoo Factory	Edit	---	---	ABC Shipping			29/07/2025	21/01/2026	
☆ Hotel Pullman	Edit	005528	---	hotel Pullman	2		25/06/2025	02/03/2026	
☆ Hotel BB	Edit	tt2board5	---	ABC Shipping			25/03/2025	02/03/2026	
☆ Livingston Parking	Edit	---	---	ABC Shipping	1		08/01/2025	11/12/2025	
☆ Stock / nueva restaurante				nueva restaurante	1				
☆ Stock / bigboy				bigboy	1				
☆ Stock / hotel BBBB				hotel BBBB	1				
☆ Stock / ABC Shipping			19	ABC Shipping	46				
☆ Stock / Catress co				Catress co	3				
☆ Stock / Alpha END				Alpha END	3				
☆ Stock / NEW CUSTOMER44				NEW CUSTOMER44	1				

Log into StellaControl. Go to **Sites**.

Click the **"Edit"** button next to your Site, to access the planner where your survey data is located.

On your site, you will now see all the scan dots from your Survey. Click on a dot to see the cell data for that scan. Finally, Click the **"Create Report"** button to generate a new PDF survey report for this site.



Operator	Band	PCI	Power	Quality
3	B20	497	-112	-19
	B3	54	-117	-14
	B20	167	-110	-18
Eir	B20	341	-117	-18
	B20	196	-113	-16
Vodafone	B3	5	-107	-14
	B3	215	-106	-14
	B3	467	-110	-18

# Shark Survey mapping tool

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[www.stelladoradus.com](http://www.stelladoradus.com)