




Floor Plan for asd

02/03/2026

1. Equipment List

· Equipment

The cable length is a theoretical straight-line distance for reference only.

Type	Description	Quantity	Backup	Total	Unit Price	Discount	Total Price
 SG6654XHP	Omada Campus 48- Port Gigabit Stackable L3 Managed PoE+ Switch with 6× 10G Slots	1	0	1	USD 0.00	0.00%	USD 0.00
 EAP673	AX5400 Ceiling Mount WiFi 6 Access Point	6	0	6	USD 0.00	0.00%	USD 0.00
 CAT.6A	Supports 10 Gbps rate within 100 m / 328 ft	92 m (302 ft)	0	92 m (302 ft)	USD 0.00	0.00%	USD 0.00

Equipment Fees

0.00

+

Additional Fees

0.00

+

Taxes (Tax Points 0.0%)

0.00

Total Price (USD)

0.00

2. Topology

Go to the following link (valid for 7 days) for a more detailed topology:

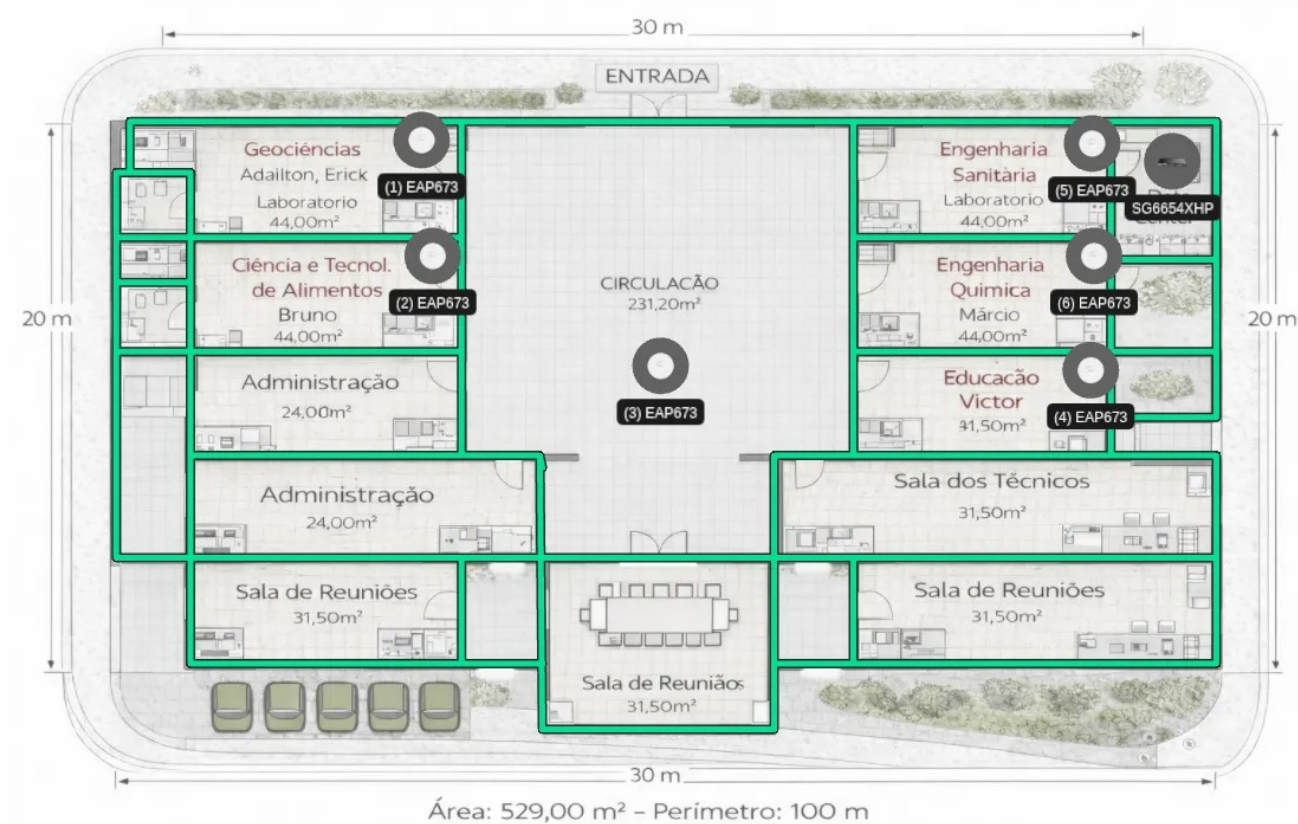
<https://use1-design.tplinkcloud.com/#/share/topology/019c24e6-d930-73d6-89fd-17b4aed5cc07>

Total: 7  Switches 1  APs 6









3. Floor Plan for labs


• Placement Map



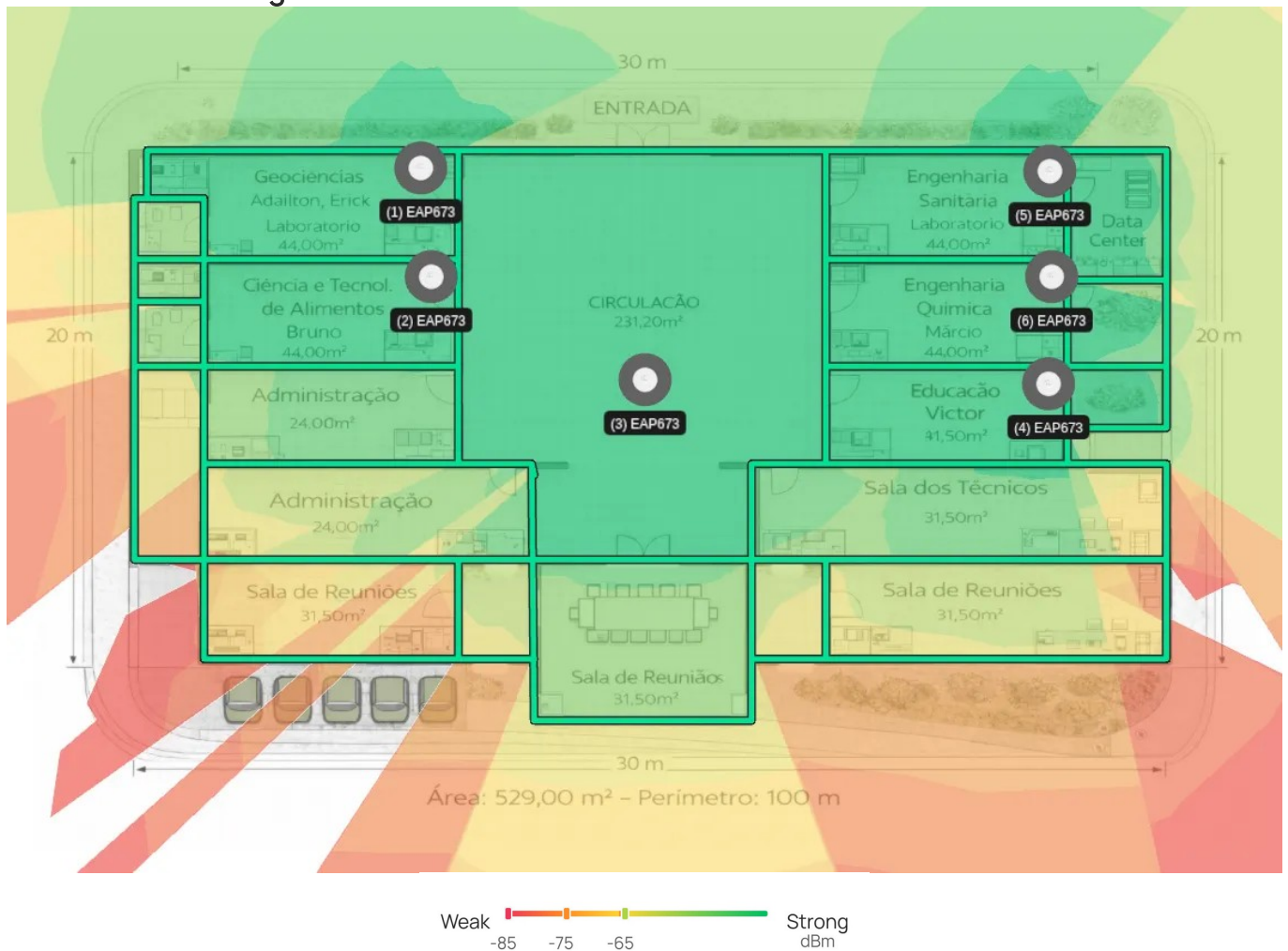
• Device List

AP								
		Device Name	Model	Mounting	Height	Angle	Channel (2.4 GHz/5 GHz/6 GHz)	Power (2.4 GHz/5 GHz/6 GHz)
(1)		EAP673	EAP673	Ceiling Mount	3.0 m	-	1/36/-	20 dBm/23 dBm/-
(2)		EAP673	EAP673	Ceiling Mount	3.0 m	-	1/36/-	20 dBm/23 dBm/-
(3)		EAP673	EAP673	Ceiling Mount	3.0 m	-	1/36/-	20 dBm/23 dBm/-
(4)		EAP673	EAP673	Ceiling Mount	3.0 m	-	1/36/-	20 dBm/23 dBm/-
(5)		EAP673	EAP673	Ceiling Mount	3.0 m	-	1/36/-	20 dBm/23 dBm/-
(6)		EAP673	EAP673	Ceiling Mount	3.0 m	-	1/36/-	20 dBm/23 dBm/-

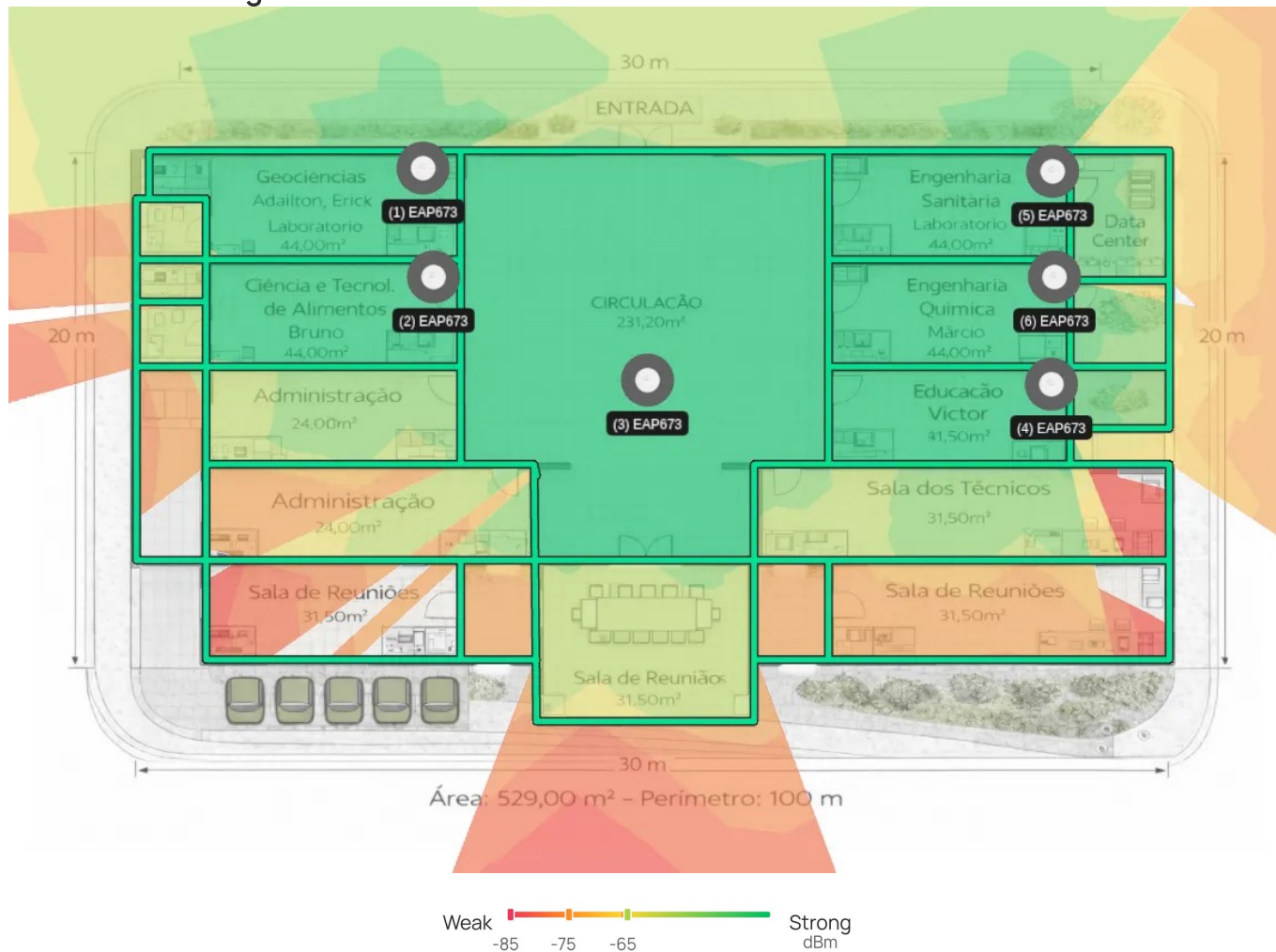
· Device List (Continue Table)

Others				
		Device Name	Category	Model
(1)		SG6654XHP	Switch	SG6654XHP

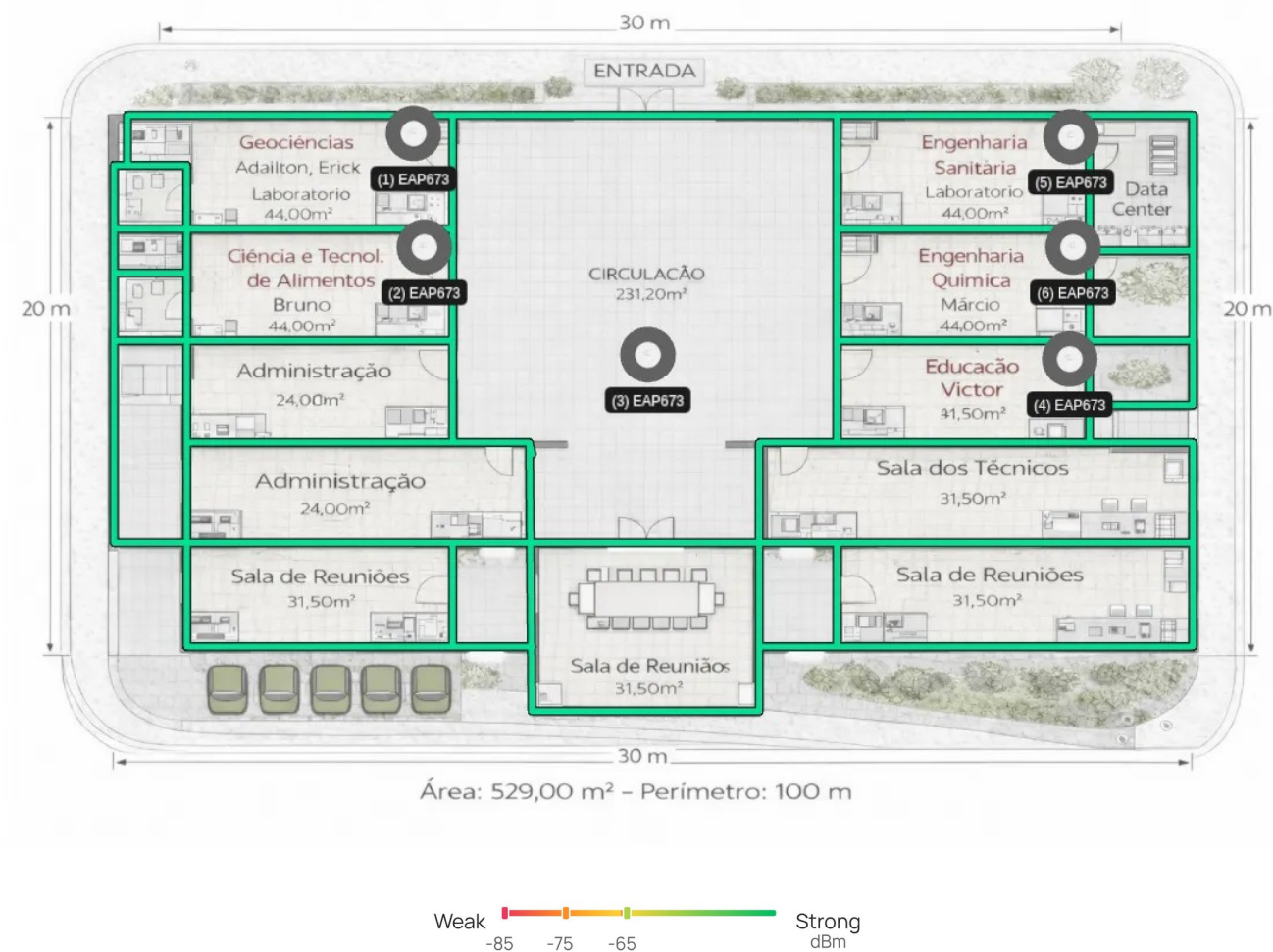
· 2.4G WI-FI Coverage



• 5G WI-FI Coverage



• 6G WI-FI Coverage



• Cabling Diagram

● CAT.6A

