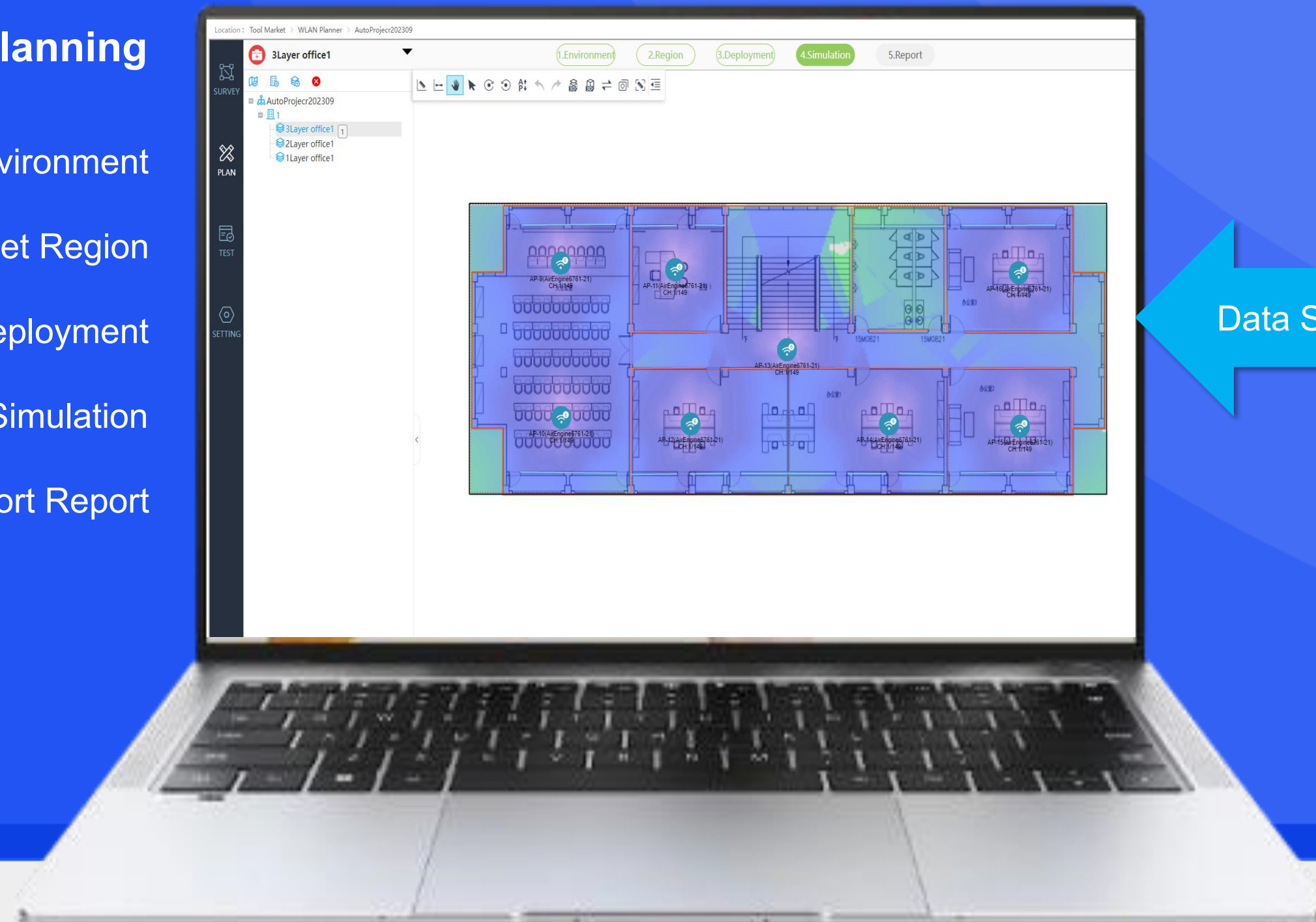


# WLAN Planner& CloudCampus APP: support efficient WLAN planning & acceptance

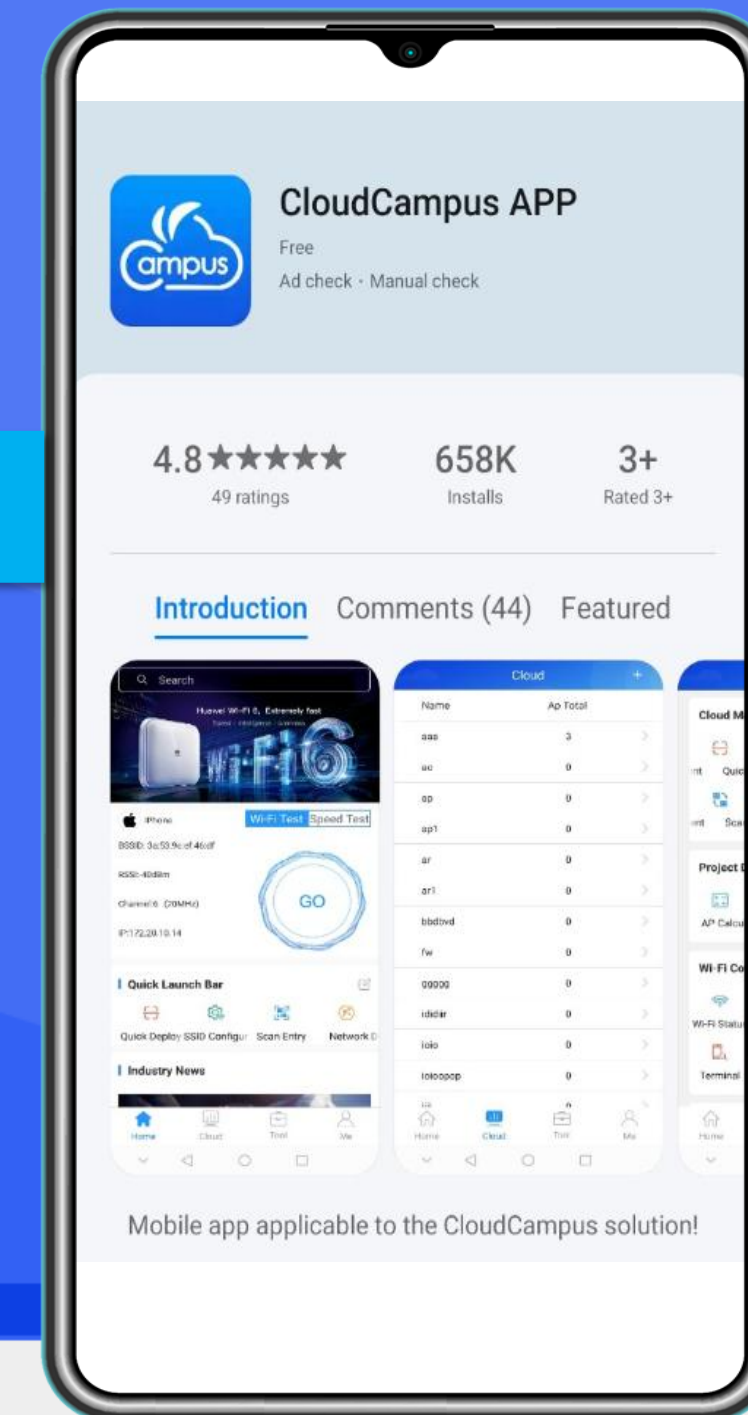
## 5 step WLAN Planning

- ① Set Environment
- ② Set Region
- ③ AP Deployment
- ④ Signal Simulation
- ⑤ Export Report



■WLAN Planning: WLAN Planner

Data Synchronized



■WLAN Acceptance: CloudCampus APP

## On-site Acceptance

- ① Pre-sale Estimation
- ② Site Survey
- ③ Acceptance Test
- ④ Toolbox



# WLAN Planner

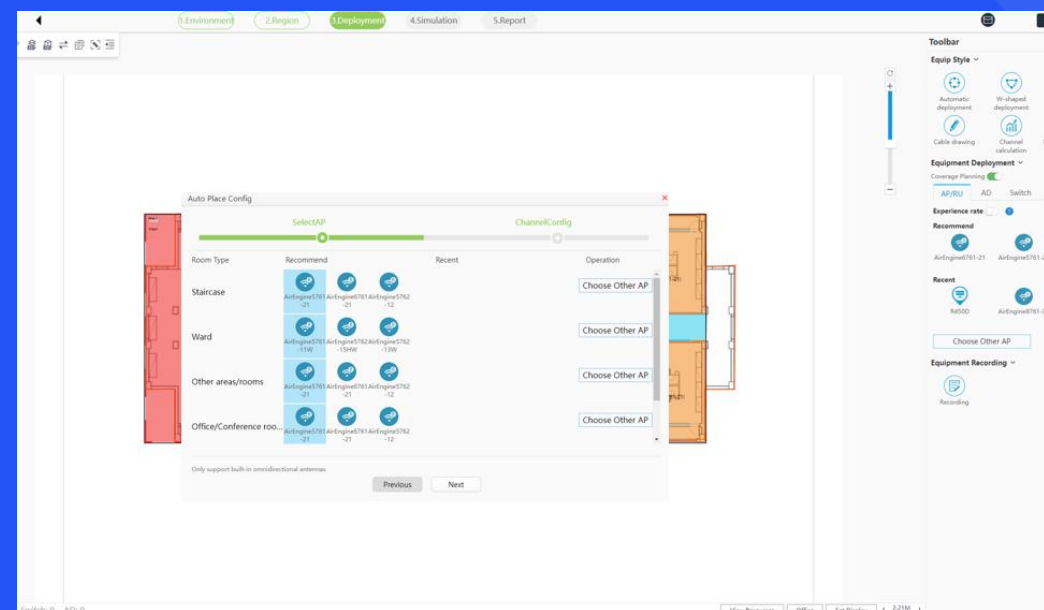
## Application scenarios:

Indoor and Outdoor AP Planning (Office, School, Shopping Mall, High-density Venue etc.)

## Automatic Obstacle Identification



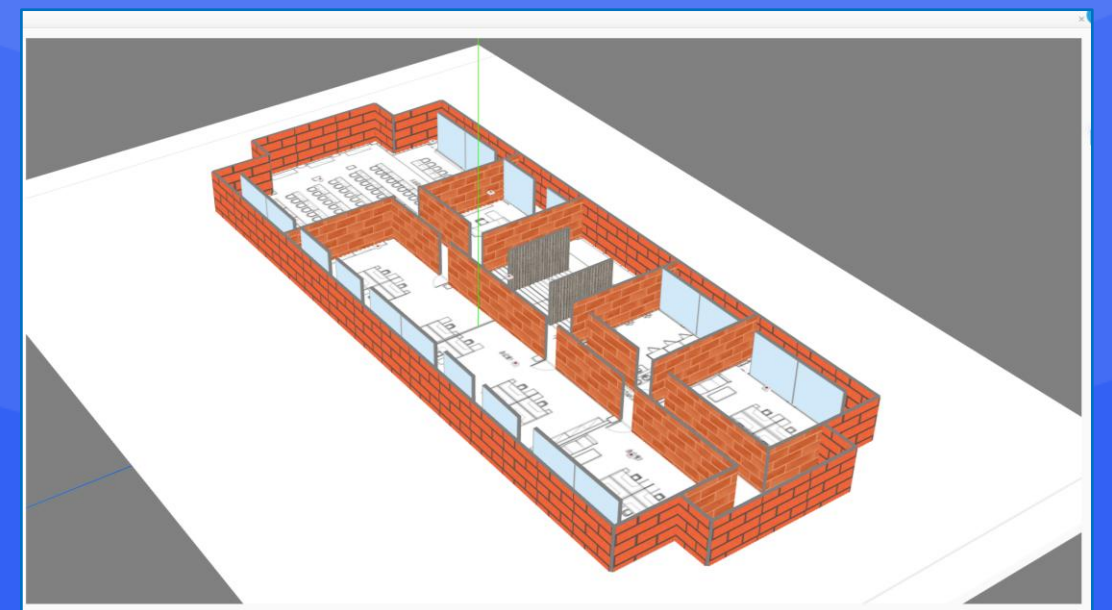
## Automatic Device Deployment



## Professional Signal Simulation



## Intelligent 3D Simulation



## Multi-format Drawings

- Input and output drawings in diverse formats, like jpg, png, pdf, and **CAD**

## Automatic Operation

- Automatic obstacle recognition
- AP deployment and signal simulation in one-click

## High Efficiency

- Support 10,000+ WLAN projects
- Design efficiency is **doubled**
- Simulation efficiency is **tripled**

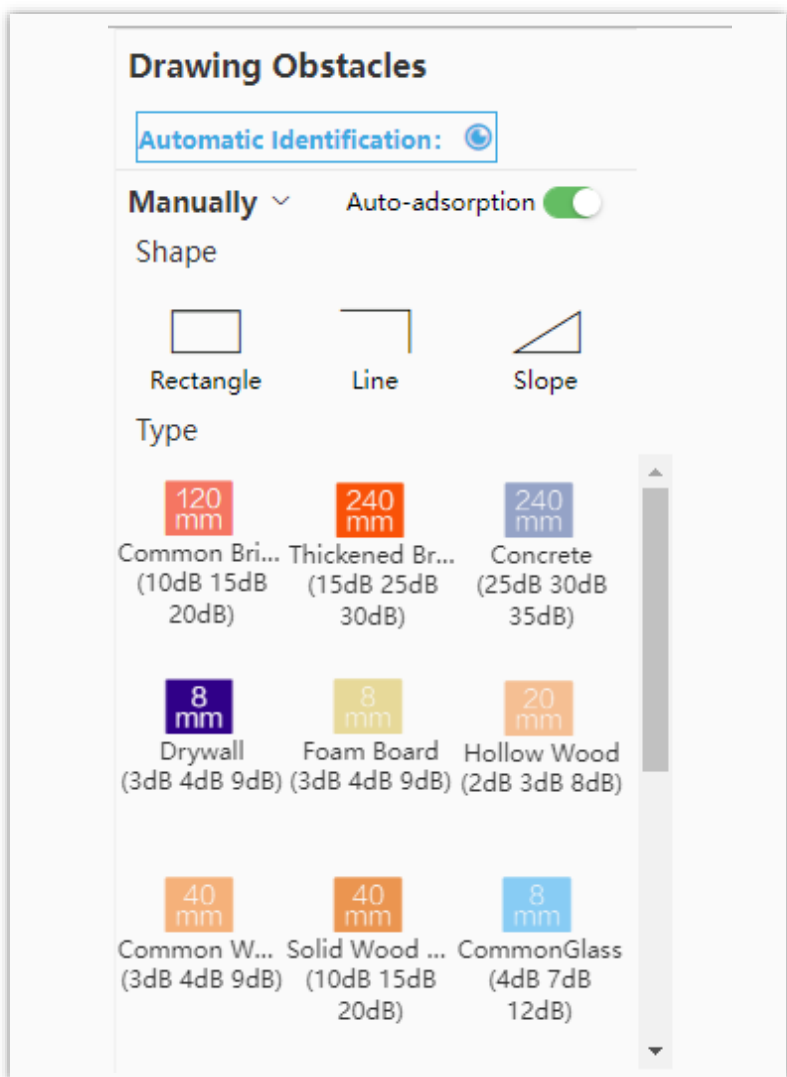
## Data Sharing

- Share data with CloudCampus App
- Streamline the data in survey, design, and acceptance

# ≡ WLAN Planner | Easily Finish WLAN Planning in 5 Steps

01

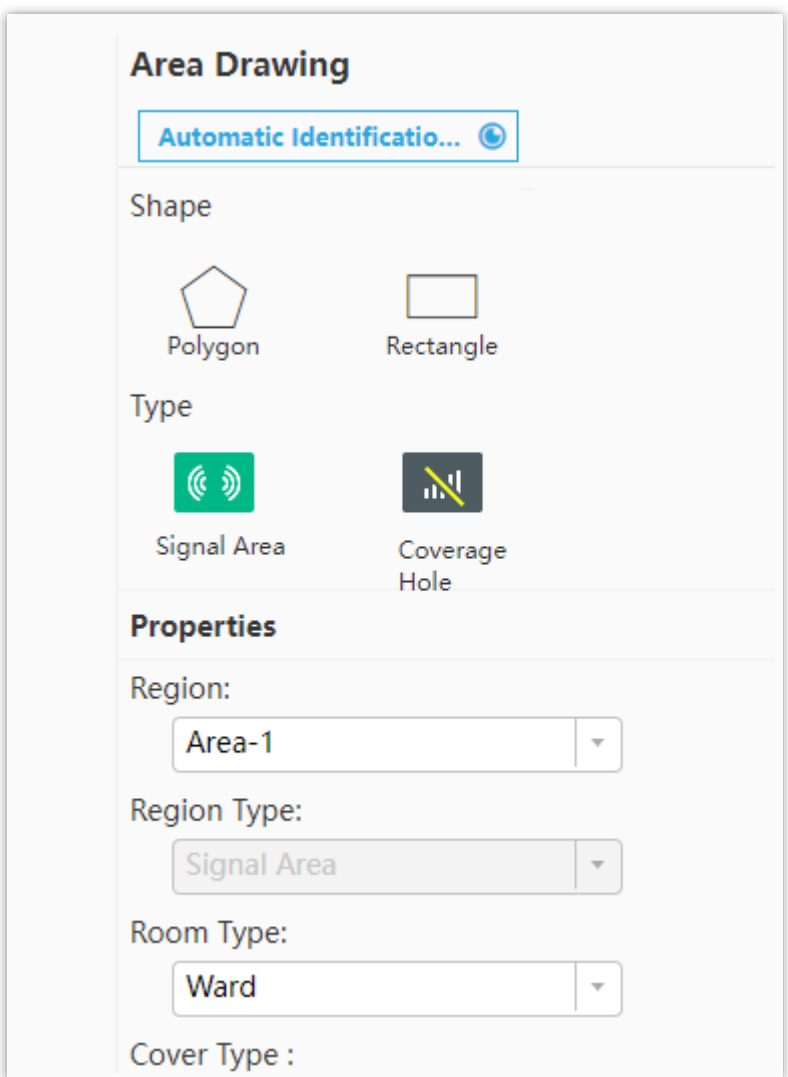
## Environment Settings



- Create indoor/outdoor projects based on drawings (PDF, JPG, CAD, etc.) / Google map
- Automatically or manually draw obstacles based on site conditions

02

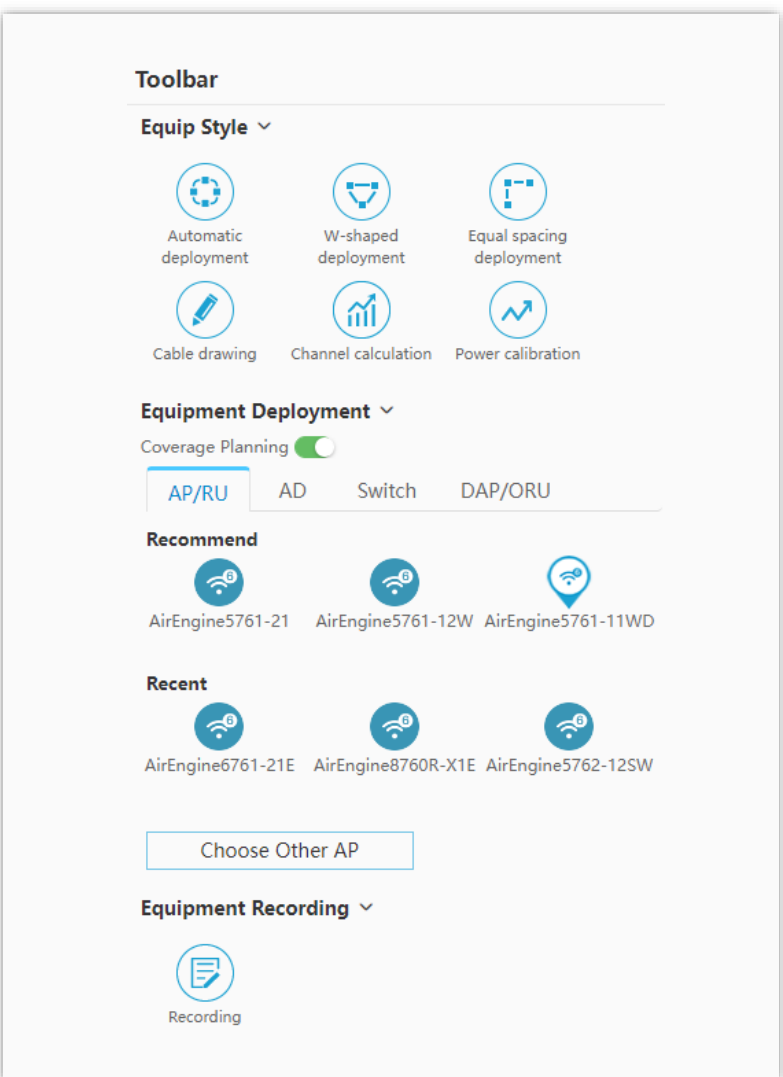
## Area Settings



- Set the signal coverage area and equipment deployment area according to the customer's requirements

03

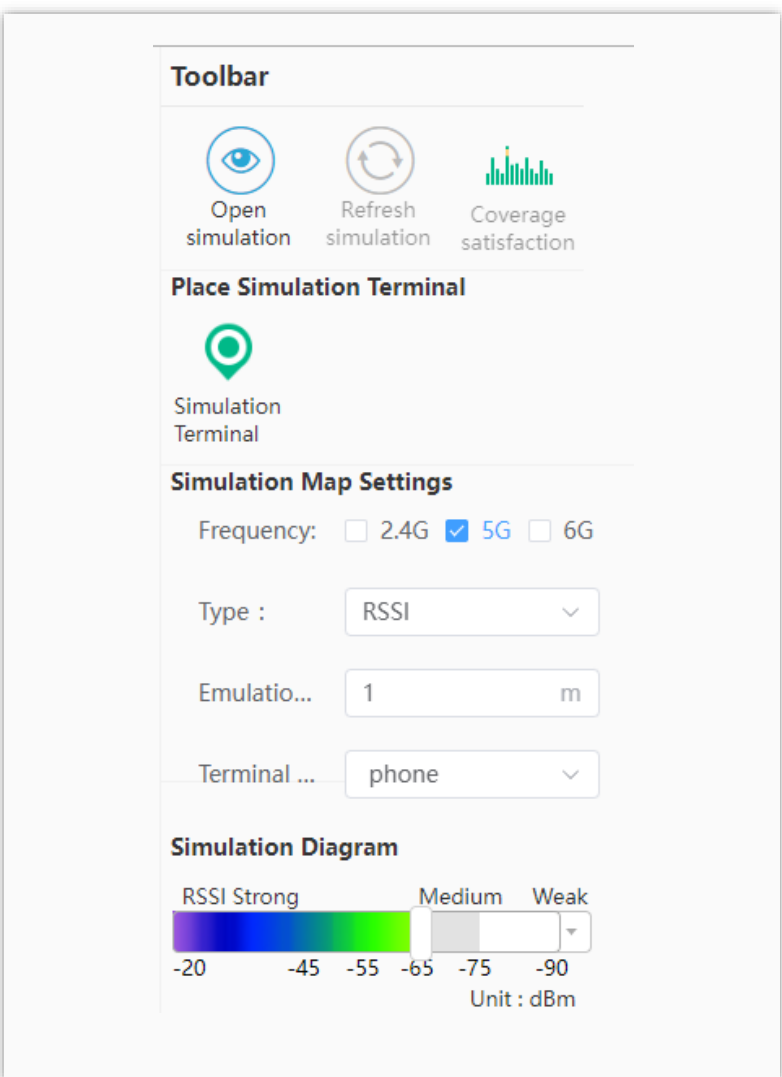
## Device Deployment



- One-click AP automatic deploy
- Auto channel calculation
- Modify device info in batches

04

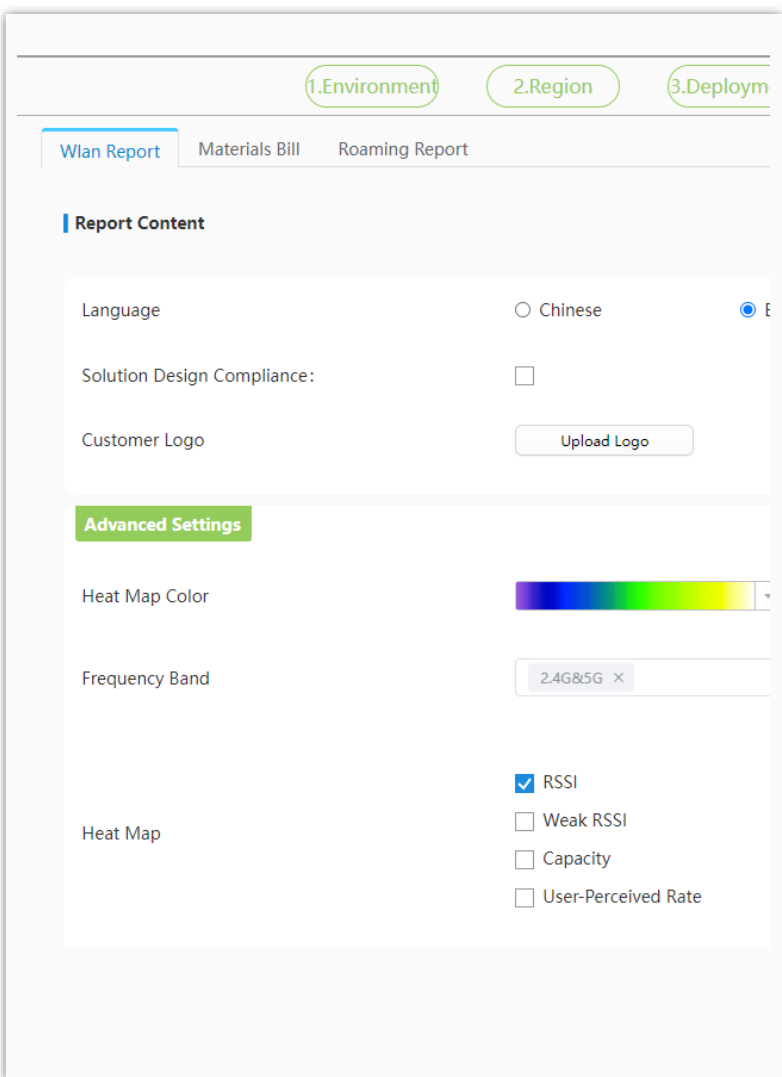
## Signal Simulation



- One-click signal simulation
- View the field strength/SNR simulation diagram to meet the customer signal coverage requirements

05

## Report Generation



- WLAN Planning Auto-check
- Customize and export report (Wlan report, material bill, roaming report)

# ≡ CloudCampus APP

## Tool Introduction

The CloudCampus App integrates functions such as field strength and interference tests. It is used for on-site tests and acceptance after WLAN network deployment, greatly reducing the workload of wireless O&M personnel and simplifying maintenance.

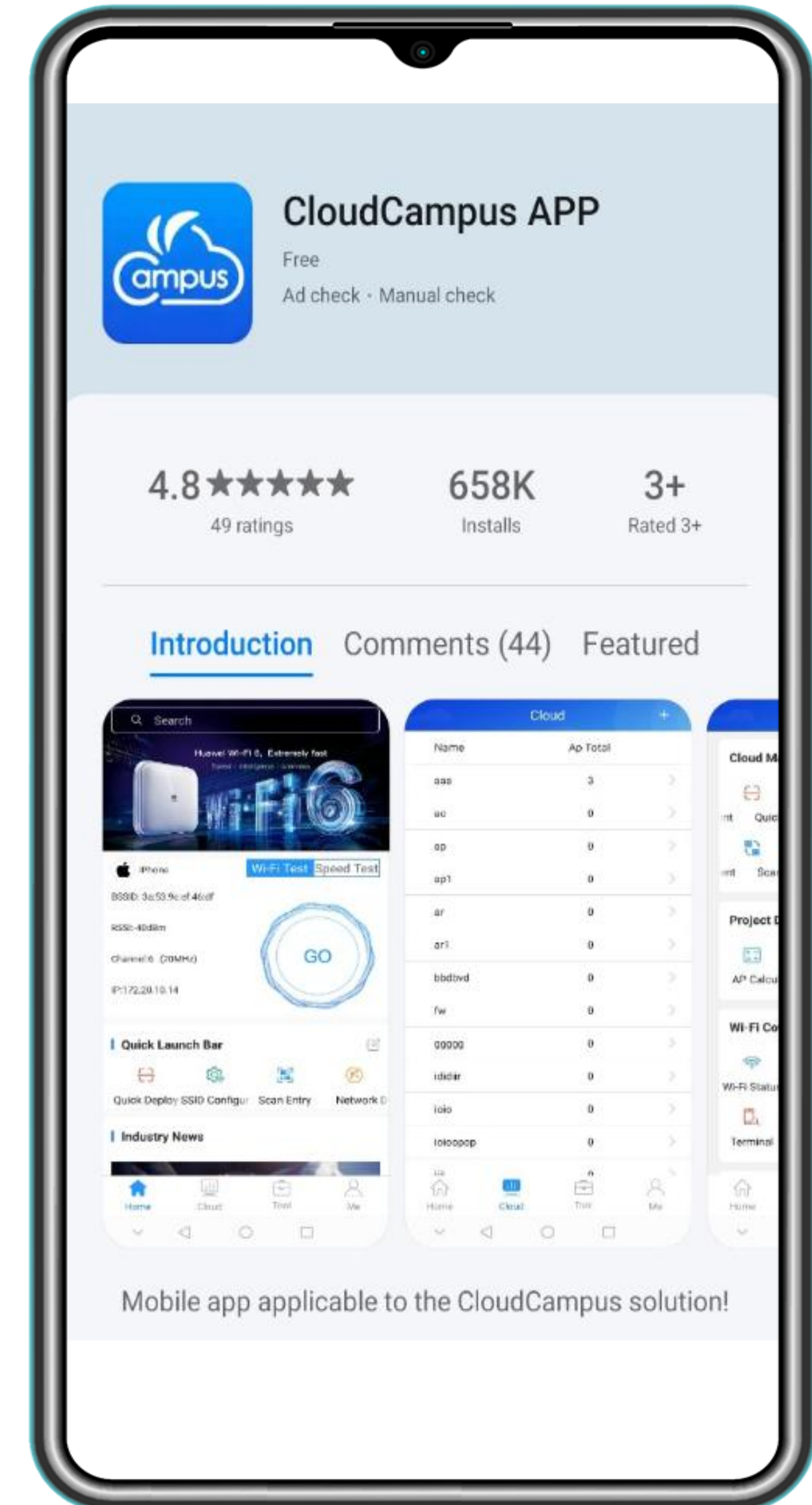
## Products Supported

Supports hundreds of network devices, such as AP, AC, switch, firewall, and router.

Download Now



**Note: The Android devices are recommended to use the tool. For IOS devices, with limited versions and few functions, the tool is no longer maintained.**



# CloudCampus APP| Key Functions

01

## Pre-sales estimation

The screenshot shows the 'AP Calculator' app interface. It includes a 'Project Name' field with 'project1' entered. Under 'Project Scenarios', 'Carrier channel' and 'Enterprise channel' are both selected. The 'AP Planning' section has 'INDOOR ENVIRONMENT' selected, with 'Room (Ceiling AP)' chosen. Below this, 'Room (Ceiling AP)' is listed with a count of 10. The 'Switch Planning' section contains input fields for 'Number of wired terminals' (50), 'Number of buildings' (2), 'Number of Floors' (12), and 'Number of core switches' (1). A 'Calculate' button is at the bottom.

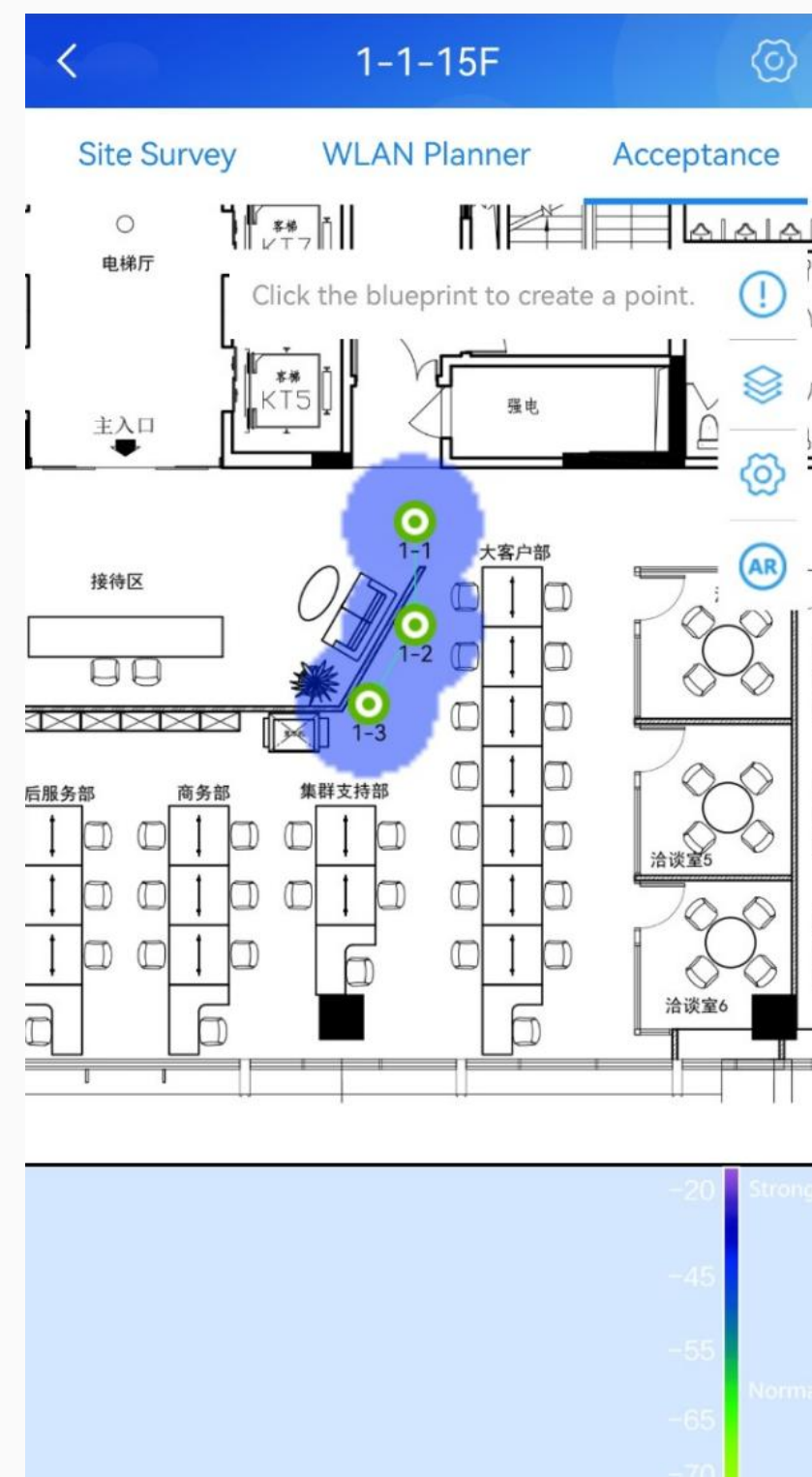
02

## Pre-sales site survey

The screenshot shows the 'Acceptance' app interface. It displays 'Current Server: Singapore' and a 'Switching Servers' link. A form to 'Enter the project name' is shown. Below, two project entries are listed: '项目20240218' (AP: 13, AD: 1, RU: 0, LSW: 1, 2024-04-12 11:37:55) and '20240312aaa' (AP: 196, AD: 0, RU: 0, LSW: 0, 2024-04-12 11:25:22). A 'Survey point' form is open, featuring a camera icon, a red minus button, a plus button, and a 'Remark' field with 'Empty' entered.

03

## Delivery and acceptance



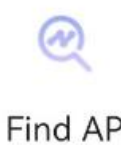
04

## Toolkit

### Coverage Test



Wi-Fi Status



Find AP



Interference

### Business Test



Ping



Speed Test



iPerf



Roaming Experience



Tracert



Wi-Fi Stability



Walking Test