

# WiFi Planner

Advanced wireless site survey tool

The SonicWall WiFi Planner is an easy-to-use, cloud-based, predictive wireless site survey tool that enables you to optimally design and deploy a wireless network for enhanced user experience. This tool is ideal for planning new access point (AP) deployments or to ensure excellent coverage in existing wireless networks.

## Comprehensive coverage pattern analysis

SonicWall WiFi Planner obtains coverage pattern by automatic or manual AP placement. This provides the flexibility to place APs based on requirements. Easily customize environmental variables by manually placing APs in the map, or have the Advisor feature automatically place APs to obtain maximum coverage with the fewest number of access points. Coverage patterns can be observed in 5GHz and 2.4GHz radio bands.

## Optimize coverage

WiFi Planner provides auto channel assignment to prevent interference on a best-effort basis. Furthermore, Advisor ensures that APs next to each other are on non-overlapping channels to eliminate interference and ensure best performance.

Manually placing APs on WiFi Planner can emulate existing WiFi coverage on the network. Advisor can automatically generate heat maps based on AP model, radio band, transmit power and minimum received signal strength indicator (RSSI). Advisor also identifies and eliminates dead spots in deployments.

The Optimizer feature allows you to further enhance the RF coverage by moving APs in WiFi Planner to the best position to benefit from optimized coverage. However, it will ignore directional and WDS or mesh linked APs since they are location-sensitive. WDS and mesh networks can also be simulated by this tool.

## Granular customization options

The WiFi Planner provides multiple granular customization options, such as:

- **Zone** - AP exclusion, WiFi coverage zone
- **Obstacle** - Plasterboard wall, dry wall, wood wall, metal framed glass wall, light door, metal door, heavy door, thin window and thick window
- **Area** - Cubicle office area, closed office area, elevator shaft, warehouse stock (low, medium or high)

Additionally, customize the AP inventory to fine-tune Radio Frequency (RF) parameters, e.g., turn radios on or off, or change channels, channel sizes and power.

WiFi Planner lets you add multiple projects and floor plans across multiple floors. It can provide collaborative access to teams anywhere across the globe.

## Single sign-on

Log in to the WiFi Planner with My SonicWall credentials via SonicWall Capture Security Center. Once logged

## Benefits:

- Auto channel assignment to prevent interference on a best-effort basis
- Customize AP channel, channel width, power, radio band and more
- View coverage patterns in 2.4GHz or 5GHz bands
- AP exclusion and WiFi coverage zone
- Multiple obstacle and area customization options
- Connect with global teams
- Support for wireless-enabled TZ series firewalls, SonicWave and SonicPoint APs
- Download images or a customizable report

in, access WiFi Planner via the Wireless tile. WiFi Planner is a part of WiFi Cloud Manager.

### Predict deployment or upgrade cost

Advisor estimates the number of access points required based on selections.

### Customize layout

Specify floor plan dimensions with the Scale option and measure distances with

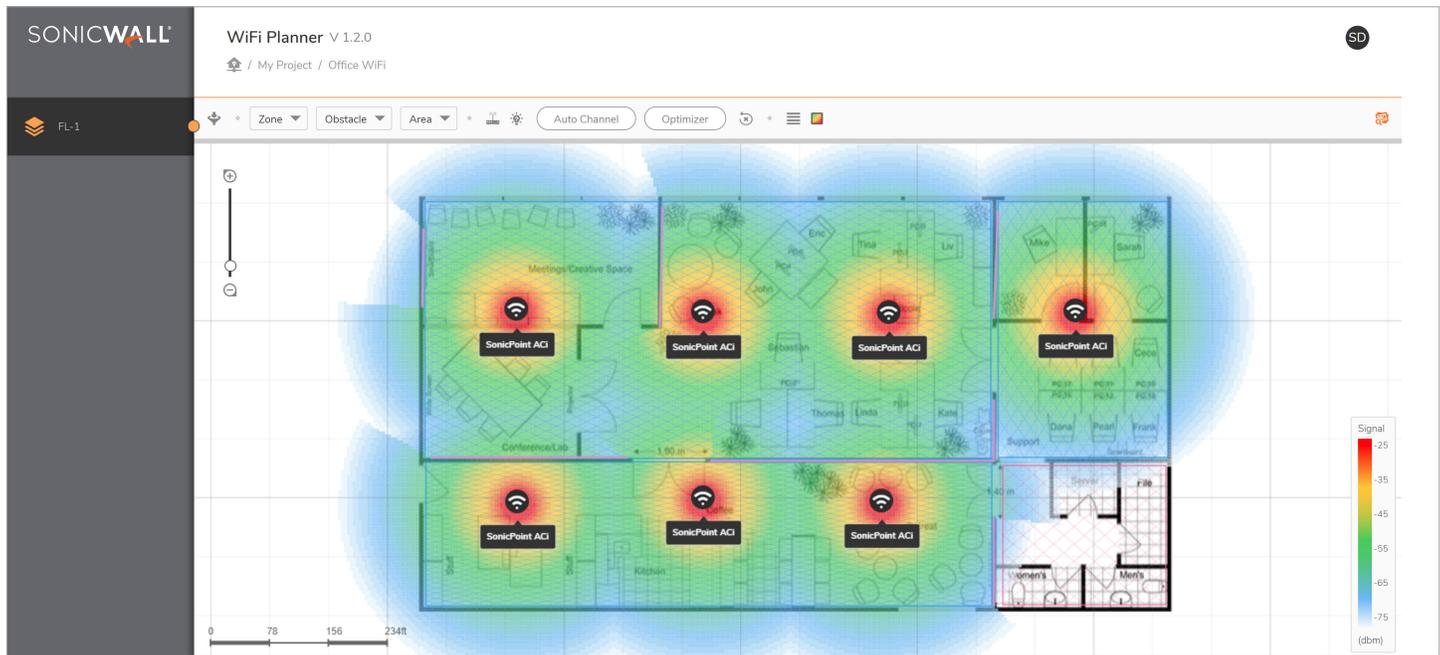
the Ruler. Further, customize the layout with the Grid and enable or disable grid patterns based on choice.

### Support across SonicWall wireless products

WiFi Planner supports a variety of SonicWall indoor and outdoor products, including SonicWave APs, SonicPoint APs and wireless-enabled TZ series firewalls.

### Download reports

Create customized reports that can be downloaded in PDF or Word format, or download the simulated image in JPEG.



### About SonicWall

SonicWall has been fighting the cybercriminal industry for over 27 years defending small and medium businesses, enterprises and government agencies worldwide. Backed by research from SonicWall Capture Labs, our award-winning, real-time breach detection and prevention solutions secure more than a million networks, and their emails, applications and data, in over 215 countries and territories. These organizations run more effectively and fear less about security. For more information, visit [www.sonicwall.com](http://www.sonicwall.com) or follow us on [Twitter](#), [LinkedIn](#), [Facebook](#) and [Instagram](#).