



# EnGenius Fit Network Management

## Remote and On-Premises Solution for Small Business

A reliable, secure, and smart networking solution featuring enterprise-level features with affordable and high quality business-class hardware.

EnGenius Fit is a flexible, robust, and affordable solution designed for deploying on a versatile application that could handle various deployment scenarios of small businesses with no IT resources or multiple locations.

The highly integrated solution offers simplified configuration, smart networking, and enterprise-class performance with feature-rich managed Access Points, Network Switches, and the intelligent plane for both on-the-go and on-premises management.

FitXpress offers an easy-to-use remote networking solution with the mobile app or web portal. FitController is plug-and-play hardware for on-premises, empowering you to monitor, manage, and troubleshoot locally.

### Features & Benefits

#### Overall:

- Owner orientation: Low CAPEX and OPEX when deployment and maintenance
- Visualized interface: Comprehensive and intuitive information of real-time status

#### FitXpress:



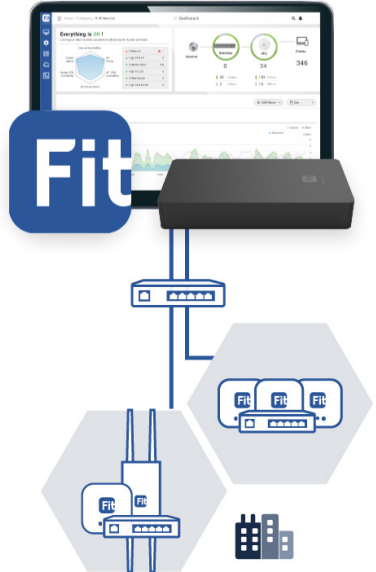
- Cloud-based network management with easy-to-use mobile app or web interface
- Easy Wi-Fi setups with predefined and custom profiles
- Custom captive portal and client access control
- Diagnostic tools and handy features for troubleshooting

#### FitController:



- Plug & play appliance with built-in enterprise-level features for on-premises management
- Simplified deployment: Proceed group configuration and scheduling tasks for your devices
- Multiple networks management and multi-tenant access for different user privileges



# Network Management for Various Business Scenarios

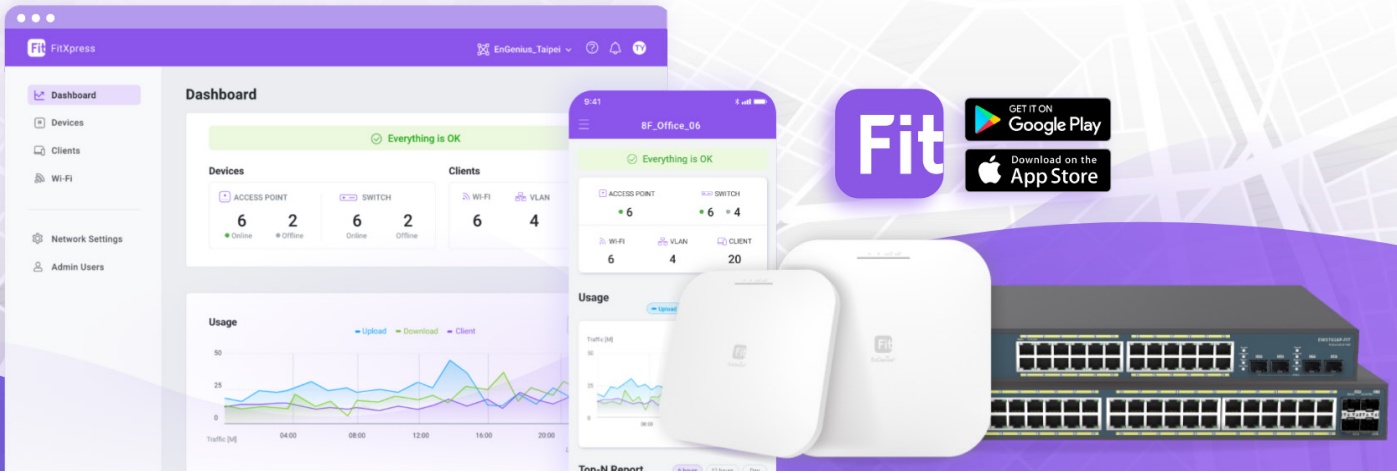
	Local	Remote Management	On-Premises Management
	 <p style="text-align: center;"><b>SOHO</b></p>	 <p style="text-align: center;"><b>SMALL BUSINESS</b></p>	 <p style="text-align: center;"><b>SMALL BUSINESS</b></p>
Management Platform	Device GUI	FitXpress	FitController
Number of devices	≤ 5 devices	≤ 30 devices	≤ 100 devices
Target customer	SOHO, Independent store	Chain stores , Branch offices	Headquarter, Campus, Small business

## Flexible and Smart Management Planes

Remote Managing On-the-go	On-Premises Networking
<b>EnGenius FitXpress</b>	<b>EnGenius FitController</b>
	
<p>Web or mobile app allows businesses to easily and remotely manage distributed network devices.</p> <ul style="list-style-type: none"> <li>• Manage on-the-go</li> <li>• Easy to use</li> <li>• Multi-location networking</li> <li>• Capable Up to 30 devices/sites</li> </ul>	<p>Simplified deployment and port management for expandable business.</p> <ul style="list-style-type: none"> <li>• On-premise deployment</li> <li>• Plug &amp; Play</li> <li>• Built-in enterprise-level features</li> <li>• Capable Up to 100 devices/sites</li> </ul>

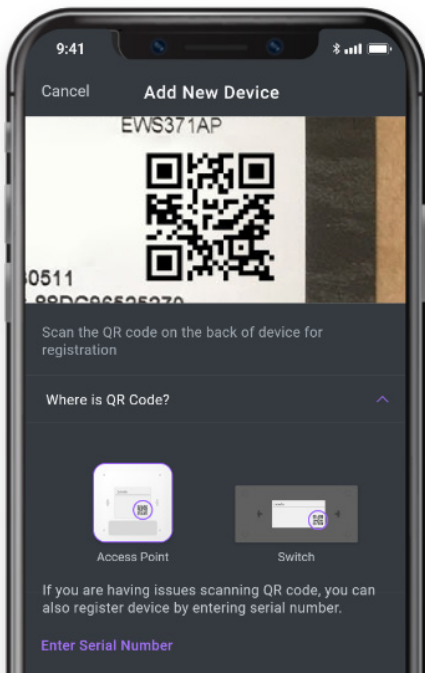


Super easy network management via mobile app or web for small businesses without IT resources



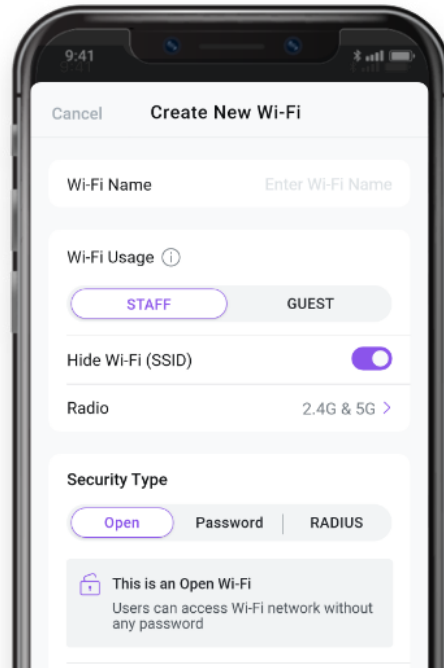
### Rapidly Deploy From Anywhere

Deploy smarter by scanning with mobile to get each device onboard in seconds. With just a few clicks of initiating setup, your devices will be auto-provisioning.



### Initiate A Wi-Fi In Minutes

Setup Wi-Fi networks easily with the predefined and custom profiles through a straightforward interface. Separate the Wi-Fi for staff and guest for security.



### Customize Wi-Fi Captive Portals

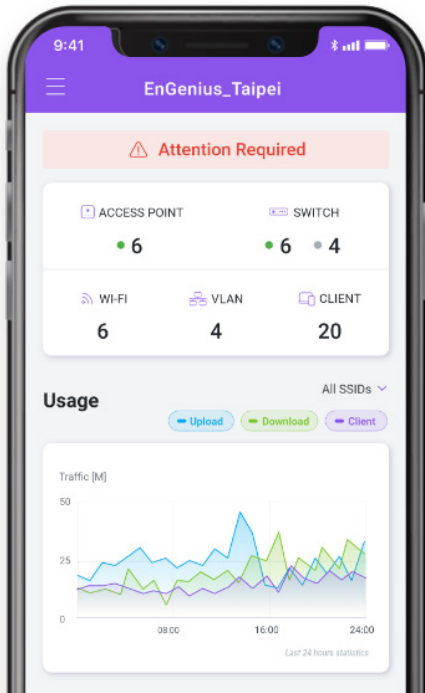
Design the captive portal with templates to authenticate users and deliver messages to your visitors before they accessing the Internet.

### Multi-Network Management Made Easy

Remotely manage multiple branch sites and assign administrators with different user privileges to save time and reduce the operational costs of site visits.

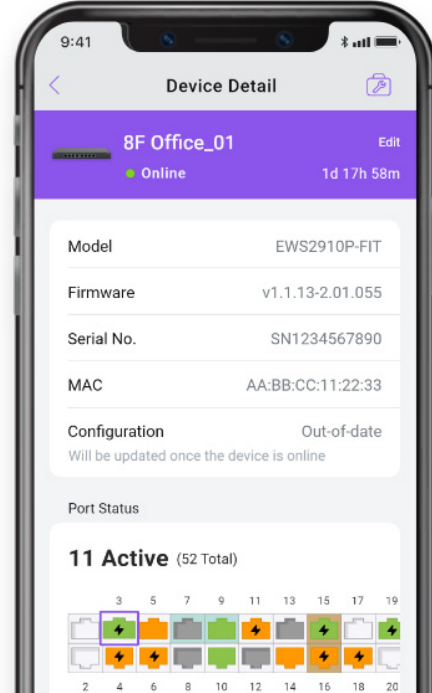
## Network Health in Dashboard Center

Grasp the real-time and comprehensive information of your networks and get alerted when problem occurred.



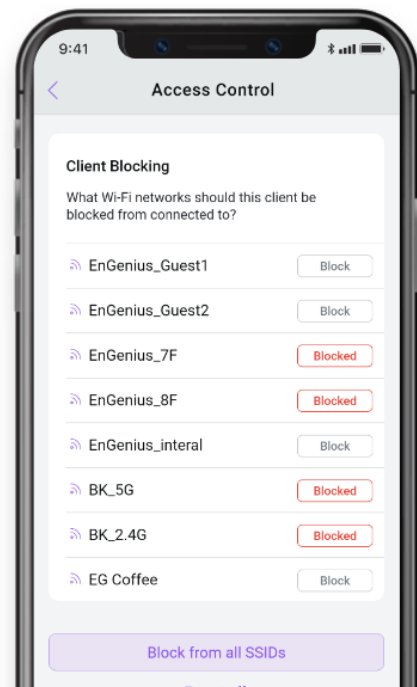
## Monitor Device with in-depth Info.

Have clear views of Access Points, Switches, and connected clients to check abnormal network behavior or troubleshoot with addressed issues.



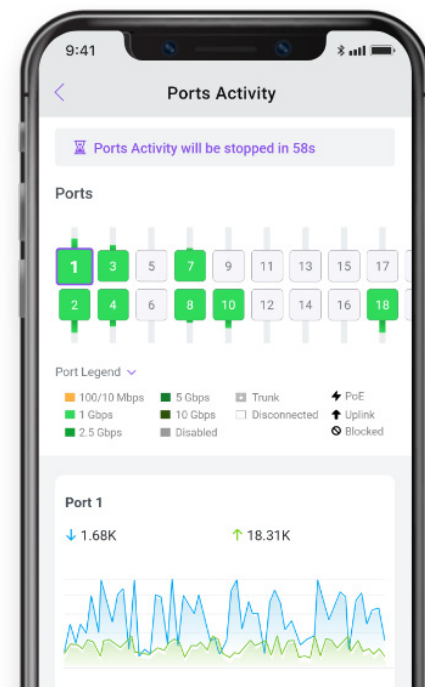
## Access Control and Client Blocking

Control the accessibility of Wi-Fi networks and block the suspicious client to access your Wi-Fi from the client list.



## Handy Troubleshooting Tools

A bunch of visualized diagnostic tools is in place whenever a device is found problematic.





EnGenius Fit  
**FitController**

On-premises appliance with built-in enterprise-level features for small business



### Keep Autonomy and Data Privacy

All control packets are encrypted through the secure tunnel connection between FitController and managed devices, allowing businesses to use these features securely while maintaining autonomy and data privacy.

### Group Settings for Multiple Device

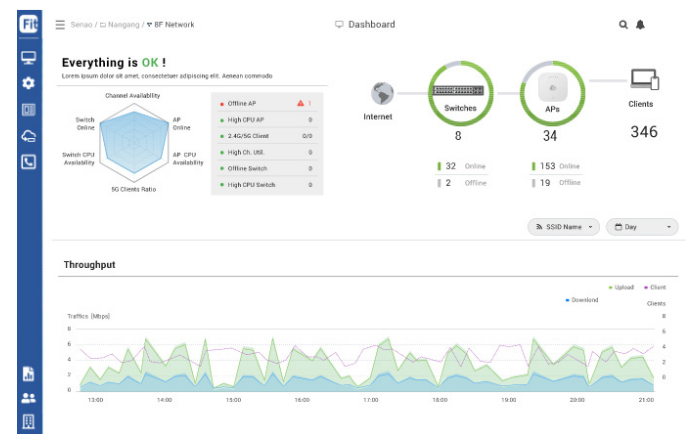
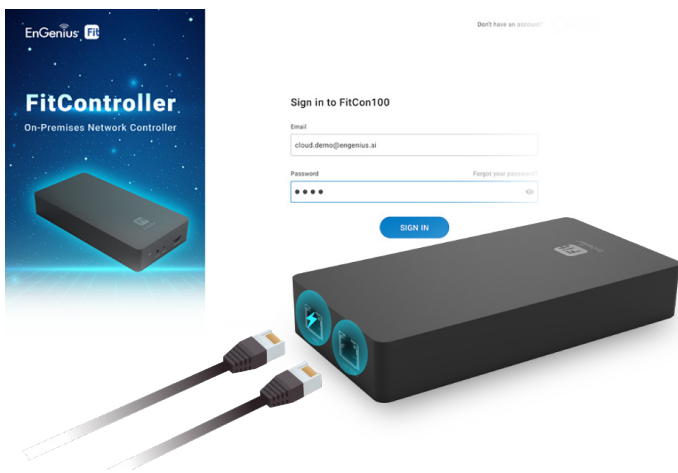
FitController prompts users to provide group configuration for the following parameters of devices: SSID based WLAN Settings, mesh settings, and wireless radio settings.

### Plug and Play and Group Setting

FitController simplifies on-site network management with built-in software and the group configuration makes your devices onboarding in minutes.

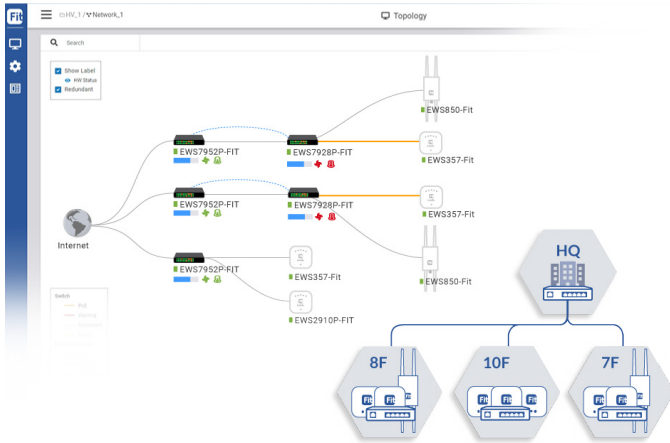
### Real-Time Dashboard

Get insights at a glance into your network's health through a comprehensive dashboard.



## Topology View

Show the relationships of all deployed devices. Check the status of switch ports and the information of connected client number, IP address, and wireless operating channels.



## Device List with Details

Check the device list and drill down to discover potential problem areas with switches, access points, or client devices.

The screenshot shows the 'Device List' interface. At the top, there are tabs for 'List', 'Map', and 'Floor Plans'. Below this is a search bar and a table of devices. The table has columns for Name, MAC, Model Name, Channel, WAN IP, LAN IP, Clients, FW Version, and Uptime. The first device listed is EWS1128. Below the table, there is a detailed view for the selected device, EWS1128. This view includes a status indicator (Online), throughput graphs for Download and Upload, channel utilization graphs, and a table of WLAN configurations. The WLAN table has columns for Name, SSID, and Status. The selected WLAN is 'sim\_4.0' with SSID 'sim\_4.0' and Status 'Enabled'.

Name	MAC	Model Name	Channel	WAN IP	LAN IP	Clients(2.4G/5G)	FW Version	Uptime	Actions
EWS1128	A8:00:02:00:00	ECS1128	123	211.72.124.13	192.168.0.75	0/0	sim_4.0	24 days, 19:27:46	Detail Reboot
ECS1128	A8:00:02:00:00	ECS1128	123	211.72.124.13	192.168.0.75	0/0	sim_4.0	24 days, 19:27:46	Detail Reboot
ECS1128	A8:00:02:00:00	ECS1128	123	211.72.124.13	192.168.0.75	0/0	sim_4.0	24 days, 19:27:46	Detail Reboot
ECS1128	A8:00:02:00:00	ECS1128	123	211.72.124.13	192.168.0.75	0/0	sim_4.0	24 days, 19:27:46	Detail Reboot

## Event Monitoring and Notification

Apply filters of management strategies on events of particular concern. Monitoring can be linked to the system's email server to notify managers of events of interest via their inbox.

The screenshot shows the 'Event Log' interface. It features a table of events with columns for Description/Detail and a dropdown menu for severity levels (Error, Warning, General). On the left, there are two 'Select Fields' panels. The first panel has filters for Start Date (2020/11/30), End Date, SSID, Device, Client, Severity, and Type. The second panel has filters for Start Date (2020/11/30), End Date, SSID, Device, Client, Severity, and Type. Below these panels are 'Save Filter' buttons and an 'Apply' button.

## Diagnosis and Troubleshooting

Run the diagnostic tests with intuitive interface to find potential issues and adjust device settings to improve user experience and network performance.

The screenshot shows the 'Device Detail' interface for device '8F\_806\_meetingroom'. It displays various configuration details including Model Name (ECS1118), Firmware (V1.0.5), IP Address (192.168.100.150), Subnet Mask (255.255.254.0), Gateway (192.168.1.1), and Topology (Show). There is also a 'PING WATCHDOG' section with a status indicator (On) and fields for IP Address to Ping, Failure Count to Reboot (3-100), Ping Interval (Sec (1-1000)), and Startup Delay (Sec (60-86400)).

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