

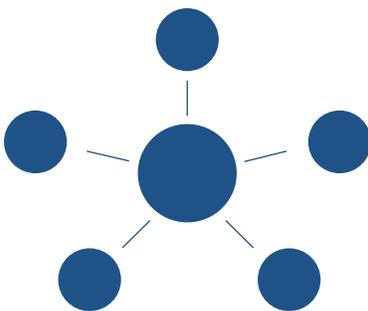


## GWN Manager

### On-Premise Software Controller for Grandstream's GWN series

GWN Manager is an on-premise enterprise-grade, management platform for Grandstream access points. Typically deployed on a customer's private network, this flexible, scalable solution offers simplified configuration and management. Thanks to streamlined monitoring and maintenance, managing your network has never been easier. Keep an eye on the network's performance with real-time monitoring, alerts, statistics and reports that can be viewed using a web browser or the mobile application.

#### Centralized Wi-Fi Management



GWN Manager offers a centralized Wi-Fi network management platform for an entire enterprise, not just a single site.

- Complete scalability
- No software limits on number of sites or APs, may vary based on hardware specifications
- Full network monitoring and reporting

#### Enterprise-Ready



GWN Manager is built to handle the requirements of major enterprises, making it a robust option for SMBs as well.

- Bank-grade TLS encryption from end-to-end
- X.509 certificate-based authentication
- Detailed user data storage and backup

# Value-Added Features

## Captive Portals



Build custom landing pages to collect customer info

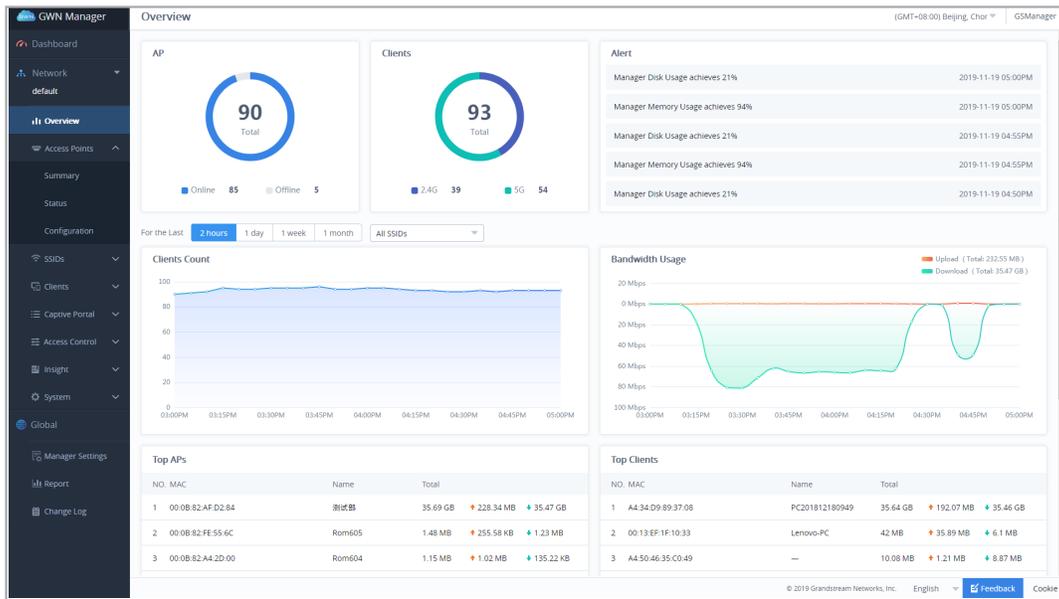
## Real-time Monitoring



Real-time reports and status information on your APs

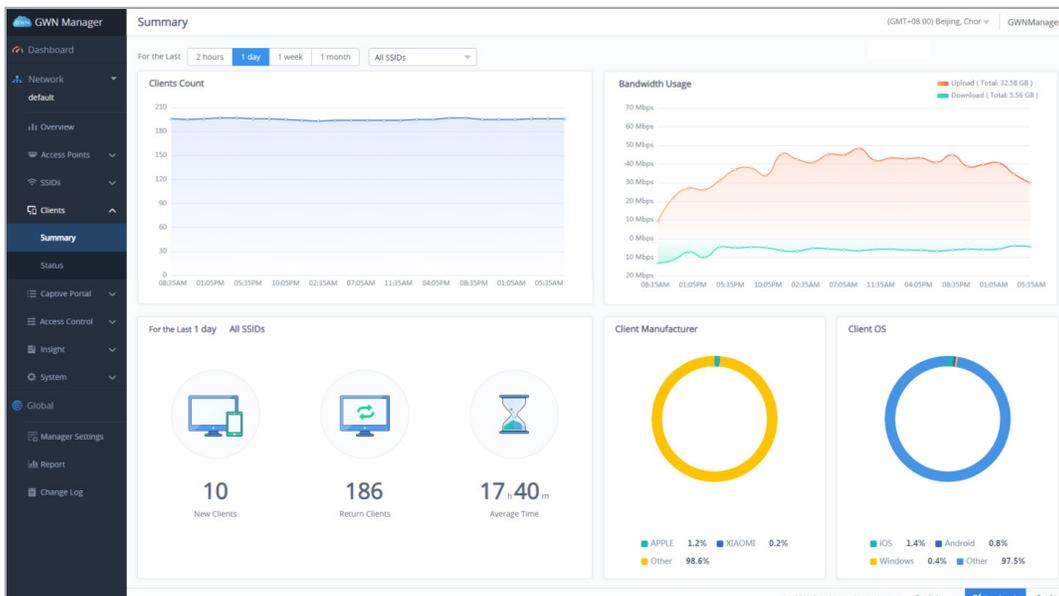
## Real-Time Monitoring and Reporting

View detailed reports on each network



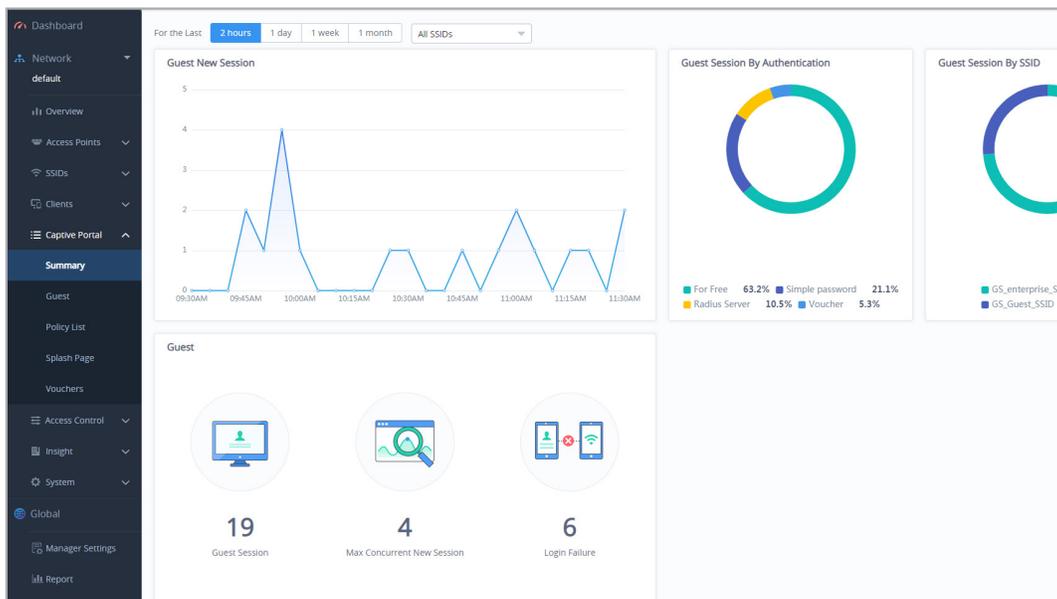
## Client Monitoring

View detailed client information



# Guest Monitoring

View detailed guest information



## Specifications

### Hardware requirements

#### For up to 200 APs and 2000 Clients:

- CPU: Intel® Core™ i3-3240 or above
- RAM: 4GB or above
- Storage: 250GB (SSD preferred, depend on retained data size)

#### For up to 3000APs and 30000 Clients:

- CPU: Intel® Xeon® Silver 4210
- RAM: 16GB or above
- Storage: 250GB (SSD preferred, depend on retained data size)

### Centralized Management

- Local data forwarding, no user traffic sent to the controller
- Network-based AP management
- Network/AP/client monitoring
- Layer2 and Layer3 based AP discovery

### Security and Authentication

- Supports access policy configuration (blacklist, whitelist, time policy)
- Multiple security modes including WPA, WPA2, WEP, open, etc.
- Bandwidth rules for client access
- User and privilege management

### Reporting and Monitoring

- Real-time Wi-Fi AP and client monitoring
- Detailed reports by network, AP, client etc.
- Retrieval of historical data for statistical observations
- Real-time alerts and event logs

### Supported Wi-Fi Access Points

- GWN7610, GWN7600, GWN7600LR, GWN7630, GWN7630LR, GWN7602

### Enterprise Features

- Bank-grade TLS encryption from end-to-end
- X.509 certificate based authentication
- Supports up to 16 SSIDs per access point
- Supports Wi-Fi Alliance Voice-Enterprise
- Mobile app for iOS and Android
- Real-time Wi-Fi Scan for deployment
- URL access log collection
- Multiple Wi-Fi performance optimization methods including band-steering, Minimum RSSI, ARP Proxy, IP multicast to unicast, etc

### Captive Portals

- Splash page with built-in WYSIWYG editor
- Facebook, Twitter integration
- Multiple captive portal authentications including simple password, radius, voucher, custom field etc.
- External captive portal integration
- Real-time guest statistics and monitoring
- Advertisement integration with flexible strategies
- Export guest info into file and automatically send to email

### Maintenance

- Ping/traceroute/capture
- Both configuration and data backup
- Scheduled AP firmware update and LED control
- Change log for audit trail

### Languages

- English, Chinese, French, German, Portuguese and Spanish