SK-VIEW

Intelligent Wi-Fi operation management platform



SK-View is a comprehensive Wi-Fi operation management platform, providing comprehensive and professional Wi-Fi network and application management for enterprises and operators. SK-View uses SNMP protocol, the private network management protocol and the latest image interface technology. Its powerful functions, simple operation and strong security can effectively manage WLAN devices and mobile terminals. Compatible with third-party wireless AP management, SK-View greatly reduces the workload and complexity of Wi-Fi network operation and management. SK-View can easily and smoothly let the user view the Wi-Fi network management from disorder to the transition of active control, exponentially improve work efficiency, and let users really use the Internet to create greater economic benefits.





SKV-View software



SKV4000 Hardware

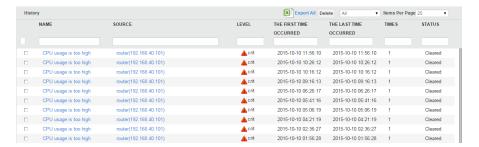
Flexible Management UI

SK-View network management platform adopts B/S architecture, simplifying the complex network management work through the visual, instrumented, report formed, intelligent and personalized network navigation management model.

Impeccable Wireless Network Monitoring and Management

Through the configuration of wireless network discovery rules, SK-View can flexibly according to user needs do real-time statistics on entire network wireless devices and mobile terminal operation states, the network flow, bandwidth, performance, alarm, and the Trap, and present to the user in graphical or report way.

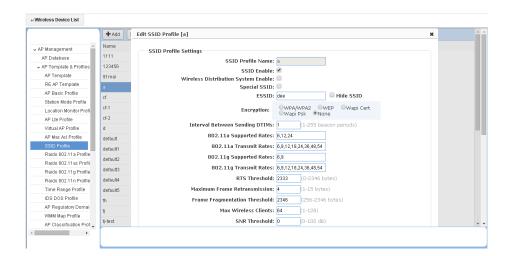






SK-View supports the centralized remote configuration and management of AC and AP.





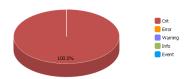
Comprehensive Network KPI Performance Indicators Display

SK-View regularly collects device related performance data, gives data analysis and processing, and real time displays to the user through the ways such as graphical presentation. Through the system default KPI display items, users can real-time understand resources utilization of entire network devices.

- Statistics on device utilization

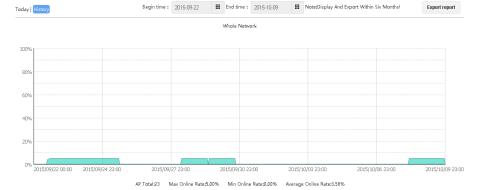


Statistics on alarms





- Statistics on AP online tendency

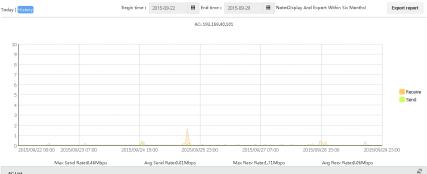


Statistics on user online tendency



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AP List							æ
AP NAME	IP	AVERAGE ONLINE USERS	MAX ONLINE USERS	AP ONLINE TIME	AC BELONGED	MODEL	
192.168.111.46	192.168.111.46	0	0	00:00:00	192.168.40.101	WIA3200-20E	
192.168.111.28	192.168.111.28	0	0	00:00:00	192.168.40.101	WIA3200-20E	
10.10.13.30	10.10.13.30	0	0	37:02:37	192.168.40.101	WIA3200-20E	

- Statistics on device throughput



,,	20100 2020/00/20 07:00	2020/03/21 25/00	2020/00/20 20:00	2020/03/27 07:00	2020,00,20 20:00	2020/03/23 20:00	
	Max Send Rate:0.46Mbps	Avg Send Rate:0	I.01Mbps N	lax Recv Rate:1.71Mbps	Avg Recv Rate:	0.06Mbps	
AC List							2
AC Name	IP	Average Trans Rate(Mbps)	mission Average	Receive Rate(Mbps)	Online Time	Model	
router	192.168.40.101	0.05698769	0.01202	611	222:59:20	SAC700A	

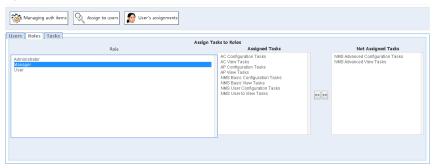
Multi-user Grading, Separation of Powers, and Domain Management

Adopting the module design, SK-View software platform support multiple user classification, separation of powers and the domain management mode; system administrators can assign different system management authorities and the manageable terminals for users in different levels; login SK-View, users can manage or view only within the scope of his authority AC or AP in the specified range.

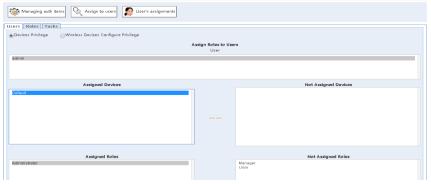
Task management



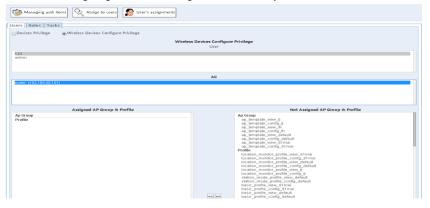
Role management



- Assigning user role



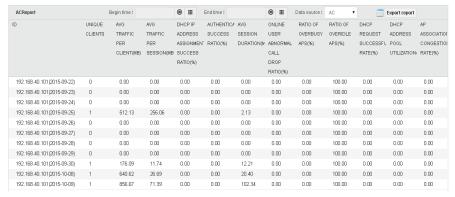
- Assigning wireless configuration authority



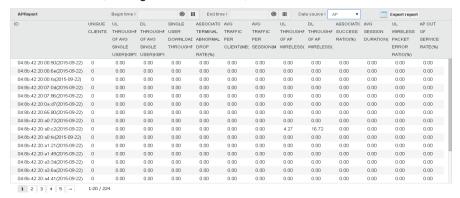
· Wireless operation report

SK-View supports to create daily, weekly, monthly and yearly report based on AC or single AP and SSID. Administrators can master wireless network operation status through report, providing useful data for the network optimization and construction.

 AC operation report includes access users, average traffic per client, DHCP request/assignment success ratio, authentication success ratio, average session duration and so on.



- AP operation report includes AP access users, average upload/download traffic of single user, managing terminal abnormal drop rate, managing success rate, average session duration, AP out of service rate and so on.



- SSID operation report includes access users, average traffic per client, average traffic per session and average session duration.

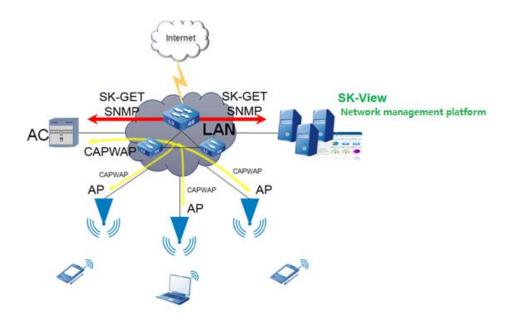


Convenient and fast system deployment

Skspruce intelligent Wi-Fi operation management platform adopts software and hardware integrated solution; user needn't to buy extra servers. Administrators can discover, manage and monitor entire network wireless device by adding AC IP address in the system.



SK-View system deploys network using bypass mode, keeping the original network structure, and fast completing system deployment and application.





System	IOS	Linux		
	CPU	2 x 1 x Intel E5-2660 (10Core/2.2 GHz)		
	RAM	8 x 16GB DDR3		
	ЦD	System disk: 2 x 500 GB		
	HD	Data disk: 8*600G		
	Console	1 x RJ45		
Hardware parameter	MGMT	1 x RJ45(10/100/1000)		
рагаптетег	DATA	1 x RJ45(10/100/1000)		
	Power	2 x AC (100 V to 240 V@ 50 Hz -60 Hz, 650 W)		
	Dimensions (H x W x D)	89 mm x 433mm x 655mm x 89mm (W x L x H)		
	Weight	≤ 25 kg		
Working environment	Working temperature	0°C to 40°C		
	Working humidity	5% to 85%@40℃		
	Storage temperature	-20°C to +75°C		
	Storage humidity	5% to 95%		
Reliability	MTBF	≥ 200000 hours		



	Network overview			
	Device list			
	Device details			
Network management	Device configuration management			
	Wire interface management			
	Wireless interface management			
	Other wire device management			
	UE resource			
	AC utilization			
	AP utilization			
	AC bandwidth tendency			
Performance management	AP bandwidth tendency			
management	Alarm statistics			
	User online tendency			
	AP online tendency			
	AP out of service rate			
	AC/AP/SSID performance report			
Danart management	Daily report			
Report management	Weekly report			
	Monthly report			
	Active alarm			
Alarm managament	History alarm			
Alarm management	Event alarm			
	Alarm shield			
Tran managament	New Trap			
Trap management	History Trap			
User management	Authority task management			
	Role management			
	User role and authority management			
	System status management			
Cyatam management	Log management			
System management	System network configuration			
	System upgrading			



Product	Description
SKV4000	SK-View Hardware platform, SK-View basic software included (node excluded), one year basic hardware maintenance and software remote technical support service included
SK-View-LIC-50	SK-View software license, support 50 AP nodes
SK-View-LIC-200	SK-View software license, support 200 AP nodes
SK-View-LIC-500	SK-View software license, support 500 AP nodes
SK-View-LIC-1000	SK-View software license, support 1000 AP nodes
SK-View-LIC-5000	SK-View software license, support 5000 AP nodes

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- —Reorient or relocate the receiving antenna.
- —Increase the separation between the equipment and receiver.
- —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- —Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.