

Datasheet APtool

Centralized Management for ZyXEL Access-Points

Easy setup

Fast and efficient management and monitoring features are the main benefits of APtool. Whenever a large amount of Access-Points are used for Hotspots or business infrastructures APtool helps to setup and maintain all Access-Points within a few minutes. No more time consuming configuration over individual Web-GUI.

Monitoring

During operation APtool can monitor all Access-Points. In case an Access-Point goes offline, an alert E-Mail is generated immediately. Administrators will get informed proactively. Resellers, providers etc. can offer professional services with this feature.

Offline Configuration

Offline configuration is helpful to prepare network settings on the desk. APtool supports offline configuration in a very easy way. It's possible to prepare different settings which can be applied to the APs by just on mouse click.

Licensing

APtool is licensed on a per project basis. Licenses to manage 10, 25 or 50 devices are available. On request licenses up to several hundreds devices are available.

Features

Management & Monitoring Software
10, 25, 50 or more devices supported
*Supports all ZyXEL NWA-3xxx series AP
Runs on Windows XP, 2003 Server
Java JRE 1.6 or higher required

* currently NWA-3100 supported

Easy WLAN-Cell Set-Up

APtool helps to set up different cells. General settings like common SSIDs, WPA2-PSK etc. are configured within groups while individual settings like channels can be set up individually for each AP. Typos will be reduced to a minimum.

The screenshot shows the APtool application window with several sections:

- AP groups:** A table with columns for group, SNMP community, SSID, operating mode, and WIFI-mode. It lists 'Default' and 'Hittnau' groups.
- AP monitoring:** Fields for SNMP community (public), monitor AP (192.168.100.2 to 192.168.100.255), and status refresh interval (3 seconds). Buttons for 'Scan APs' and 'stop monitoring' are visible.
- AP list:** A table listing discovered APs with columns for AP MAC, IP, model, AP name, location, channel, group, up-time, and SW version.
- access point properties dialog:** A window for configuring a specific AP. Fields include AP MAC (0x001349fd90ce), IP Address (192.168.100.200), Contact, Channel WLAN-1 (2), Group (Hittnau), model (NWA-3100), AP name (NWA-3100), and location. Buttons for 'cancel', 'save to AP', 'firmware upload', and 'save' are at the bottom.

individual AP settings

Download APtool for free to manage up to 2 Access-Points at www.wlaninfo.ch

user friendly graphical user interface

APtool (data/defaultEnvironment.xml)

File Help

AP groups

group	SNMP community	SSID	operating mode	WiFi-mode	RF power
Default	public	SSIDp1 SSIDp2 SSIDp3	AP	G Only	min
Hittnau	public	SSIDp1 SSIDp2 ruebliweg	MESSID	G Only	min

Templates includes complete config-set. For optimization or testing etc.

Scans automatically and manages AP's even in other IP Subnets!

AP monitoring

SNMP community: public monitor AP: 192.168.100.2 from IP: 192.168.100.255 to IP: status refresh interval [in Sek]: 3

Not synchronized indication

Scan APs stop monitoring

MAC	IP	model	AP name	location	Channel	SW version	Group	up-time
0x001349fd90ce	192.168.100.200	NWA-3100	NWA-3100		2	V3.60(AAI.6)CO_20071224	Hittnau	12 minutes, 4
0x001349d0c2d8	192.168.100.201	NWA-3100	NWA-3100	Meeting_room	11	V3.60(AAI.6) 11/28/2007	Default	
0x001349d0c2bf	192.168.100.202	NWA-3100	NWA-3100	Gang	6	V3.60(AAI.6) 11/28/2007	Default	56 minutes, 2
0x0019cb511d2d	192.168.100.203	NWA-3160	NWA-3500		6 / 36	V3.60(AAL.1)81 09/03/2007	Default	55 minutes, 1
0x0019cb36e5da	192.168.100.205	NWA-3500	NWA-Series			V3.60(AAH.1)CO_20070829_DIV_ON	Default	49 minutes, 0

Supports all NWA-Series AP

Send alert Email in case of malfunction

Admin can easily identify the AP location

Individual AP settings e.g. for projects (cell planning)

management and monitoring

group properties

group-name: Default SNMP community: public

WLAN SSID Security Radius L2isolation MacFilter

active: on off multi SSID selection (MESSID-mode)

operating mode: AP

WiFi-mode: B+G

select channel: ignore

SSID profile: SSIDp1

RF power: MIN

AP blue LED: off on

Autochannel (DFS,802.11h): on off

Super Mode

Fastframe throughput: off on

turbo mode (108 Mbps): off on

both antennas active: on off

cancel save save to AP

group configuration page