

DrayTek

VigorACS 2

**Central Management & Monitoring
for DrayTek CPE**

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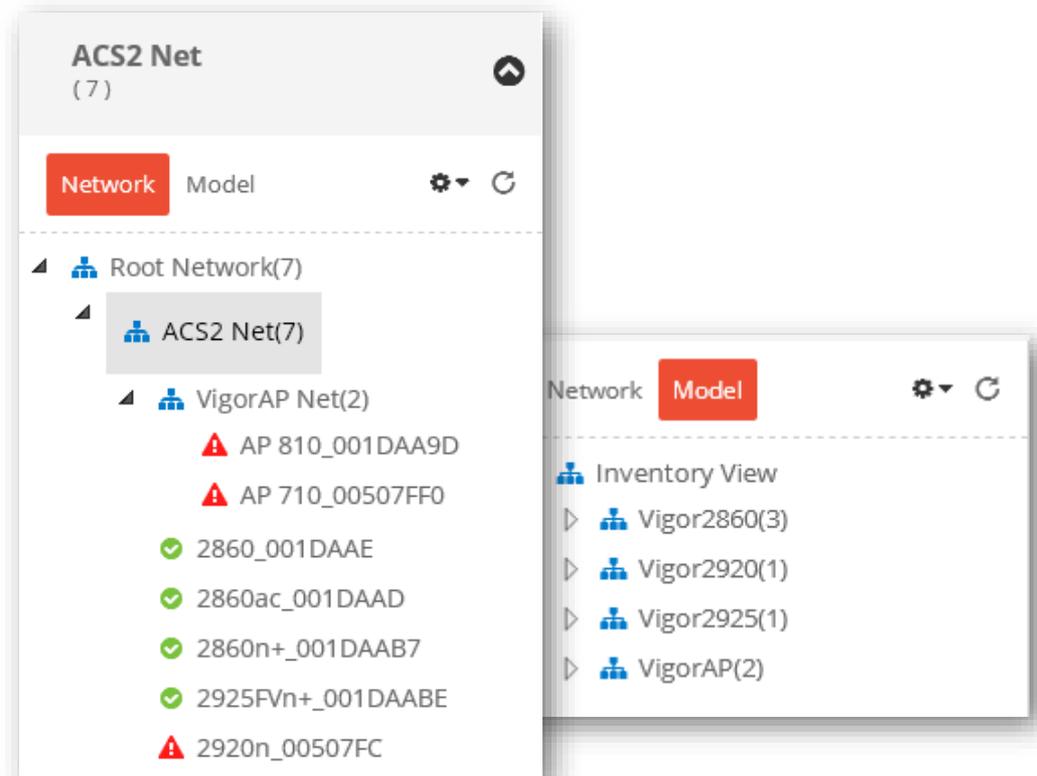
Introducing DrayTek VigorACS 2

DrayTek VigorACS 2 is a central management platform intended to manage and monitor estates of DrayTek CPE – routers and access points.

At a glance, you're able to view all of your devices from a single portal, change settings and monitor uptime or problems in real-time. Alarms (which can also be emailed) advise you of any current or previous issues with connectivity (WAN or VPN) and comprehensive reporting enables you to keep an eye on usage across all of your devices.

The VigorACS 2 server is accessed through your web-browser, so is available to you from anywhere on the web. In the following pages, we show screenshots of some of the main pages. For full details and an in-depth explanation of the features, please contact us.

At-a-glance device estate with groupings



You can have unlimited sub-groups, for example, Grouped by customer type, company, country etc.

Device Admin Screen

The screenshot displays the 'Device Admin Screen' within a 'Network Management' interface. On the left, a navigation tree shows a hierarchy: 'Root Network(2)' containing 'Example Network(2)', which in turn contains 'Hampstead Town Hall' and 'DrayTek'. The main content area is titled 'Setting' and includes a 'Map' tab. At the top of this area are two links: 'Delete This Device' and 'Change Network'. Below these are two rows of status controls: 'Status' with 'Disable' and 'Enable' buttons, and 'Known Device' with 'Known' and 'Unknown' buttons. The device details are organized into two columns. The left column includes: 'Device ID' (11837), 'Model Name' (Vigor2860n), 'Note 1' (Located in 1st floor closet), and 'Serial number' (123456789012). The right column includes: 'Network ID' (1424), 'Device Name' (Hampstead Town Hall), 'Note 2' (empty), and 'MAC Address' (001DAAD88BB8). A bottom section contains: 'Location' (NW3 4QD), 'IP' (198.51.100.154), 'Phone No.' (07775551234), and 'Port' (8069). The 'Domain Name' and 'URI' fields are present but empty.

Integration with Google Maps

The screenshot displays the DrayTek VigorACS2 web interface. At the top, the header shows 'DrayTek VigorACS2' and 'Admin System Administrator'. Below the header, there is a search bar and a 'Device Overview' table. A red arrow points from the 'Device Overview' table to a 'Map Overview' window that is open over a Google Map of the United Kingdom. The 'Map Overview' window shows a detailed map of London with a red pin on the location of device 2860_001DAAA. A pop-up information box for this device is visible, containing the following details:

- Device ID: 2860_001DAAA
- IP: 198.51.100.154:4493
- Network: ACS2 Net
- Model: Vigor2860
- Firmware: 3.8.4.5_VT4
- Mac Address: 001DAA
- Phone Number: 01818118181

The 'Map Overview' window also includes a 'Traffic' section with a line graph showing data usage over the last 24 hours. The graph shows a significant spike in traffic at approximately 08:00. Below the graph, a table lists the top 10 devices by traffic volume:

Device ID	Current Traffic	Change	Percentage
2860_001DAAA	3.44 GB	(↑423.60 MB ↓3.02 GB)	81%
2860ac_001DAA	739.55 MB	(↑48.57 MB ↓690.98 MB)	17%
2860n+_001DAA	77.21 MB	(↑11.90 MB ↓65.31 MB)	2%
2925FVn+_001DAA	0 Byte	(↑0 Byte ↓0 Byte)	0%

Device Dashboard View Screen

☰ DrayTek VigorACS2
Admin System Administrator

2860ac_001DAAB88BB8

Device Status: online Alarms: 0 Active Clients: 2 Auto Refresh: Disable

2860ac_001DAAB88BB8 (ACS2 Net)

DEVICE MENU

- Dashboard
- Monitoring
- Configuration

SYSTEM MENU

- Maintenance
- Reports
- Provisioning
- Network Management
- System
- User
- About

Device Information

Device Name	2860ac_001DAAB88BB8
IP Address	http://86.189.133.220
Network Name	ACS2 Net
Model	Vigor2860ac
Firmware Version	3.8.4.5_VT4
MAC Address	001DAAB88BB8
UpTime	2 days 20:54:45
Proxv	http://86.189.133.220

[show more](#)

DSL Information

DSL Status	Up
DSL Type	ADSL
Modulation Type	ADSL_2plus
Download Speed(kbps)	8745
Upload Speed(kbps)	1035
SNR Margin	9
Loop Attenuation(0.1dB)	350
CRC Errors	2363

[show more](#)

System Resource Last 24 hours

CPU 61 %

Memory 79 %

Connectivity and Alerts 0/0 Last 7 days

Id	Start Time	Clear Time	Type	Mes
No data available in table				

WAN Overview Last 24 hours

Total 740.21 MB (↑ 48.95 MB ↓ 691.25 MB) 100 %

WAN1 714.28 MB (↑ 46.36 MB ↓ 667.92 MB) 96 %

WAN2 25.93 MB (↑ 2.59 MB ↓ 23.33 MB) 4 %

WAN3 0 Byte (↑ 0 Byte ↓ 0 Byte) 0 %

WAN4 0 Byte (↑ 0 Byte ↓ 0 Byte) 0 %

WAN	Line/Mode	IP	Uptime	Active Mode
WAN1	ADSL / PPPoA	86.189.133.220	2d 20h 50m	Always On
WAN2	Ethernet / DHCP Client	---	0d 00h 00m	Always On
WAN3	USB / ---	---	0d 00h 00m	Always On
WAN4	USB / ---	---	0d 00h 00m	Always On

LAN Overview Last 24 hours

Mass Firmware Upgrade

DrayTek VigorACS2

Search... Maintenance > Firmware Upgrade

Firmware Upgrade Job Settings

Name: Company1_3846BT ✓

Job Type: Normal | Auth Key Check

Model: Vigor2860n+

Modem Version: *

Firmware Version: 3.8.4.6_BT

File Path: ./ACSNet/SharedFirmware/v2860_3846

Status: Disable | Enable

Time Interval: Any | Specify a Time | Schedule Profile

Specify Start Date:

Device to Upgrade

Name	Model Name	Firmware Version	Apply
Root Network(9)			NO
ACS2 Net(9)			YES

Cancel Save

Alarms

DrayTek VigorACS2 Admin
Group Administrator

Search... Monitoring > Alarm

Example Network (2) [Time Interval](#) : 2017/07/18 to 2017/08/17

Alarm 1 History

[Export All](#) | [Delete](#) | [Delete All](#) ⏪ < 1 / 1 > ⏩ ⌂ ⚙

No.	Time	Device Name	MAC Address	Alarm Level	Alarm Message	Alarm Type	Ack Status	
<input type="checkbox"/>	1805	2017/08/15 05:24:30 PM	Vigor2860n WD6	001DAAD88BB8	▲ Critical	Device Loss Connection	Device Loss Connection	Not Ack
<input type="checkbox"/>	1183	2017/08/14 11:39:57 AM	DrayTek	001DAAEEEEEE	▲ Critical	Device Loss Connection	Device Loss Connection	Not Ack
<input type="checkbox"/>	487	2017/08/10 04:24:57 PM	DrayTek	001DAAEEFF11	▲ Critical	Device Loss Connection	Device Loss Connection	Not Ack

Logs

DrayTek VigorACS2 Admin System Administrator

Search... Monitoring >Log

Log Type: All CPE Actions search ID / Device Name / Device ID / MAC / IP Time Interval : 2017/06/20 to 2017/07/20

Export All Delete Delete All

ID	Device Name	Device ID	MAC Address	Device IP	Action	Action ID	Time
<input type="checkbox"/>	455	2860n+_001DAAB7	2		Transfer Complete	33	2017/07/20 05:42:30 PM
<input type="checkbox"/>	454	2860n+_001DAAB7	2		Inform	337	2017/07/20 05:42:29 PM
<input type="checkbox"/>	453	2860n+_001DAAB7	2		Download	34	2017/07/20 05:40:24 PM

All CPE Actions

- All CPE Actions
- Device Reboot
- Reboot By CPE
- Reset System Password
- Set Parameter
- File Transfer
- Setting Profile
- Device SysLog
- CPE Notify
- Device Register
- Device Operate

Provisioning Screen

The screenshot displays the DrayTek VigorACS 2 Provisioning screen. The top navigation bar is red and contains the DrayTek logo, the text "VigorACS 2", and a user profile for "Admin" (Group Administrator). Below the navigation bar is a search bar and a breadcrumb trail: "Provisioning > Global Parameters".

The left sidebar is divided into three sections: "Example Network (2)", "NETWORK MENU", and "SYSTEM MENU". The "Provisioning" option in the "SYSTEM MENU" is highlighted. Other options include "Dashboard", "Monitoring", "Configuration", "Maintenance", "Reports", "Network & Devices", "Global Parameters", "CPE Set Parameters", "CPE Keep Parameters", "Network Management", "System", and "User".

The main content area is titled "Profile : Provisioning" and includes two tabs: "Primary View" (selected) and "Parameter List". The configuration is organized into a table-like structure with a vertical dashed line separating the left column (NAT, Object Settings, QoS, Firewall, VoIP, Routing, Wireless) from the right column (Index, Mode, WPA, Encryption Mode, WPA Pre-shared Key). Under "Wireless", there are sub-sections for "2.4G" (General, SSID) and "5G" (Security).

The "WPA" section is currently active and shows the following settings:

- Index:** 1
- Mode:** WPA2/PSK
- Encryption Mode:** TKIP_for_WPA/AES_for_WPA2
- WPA Pre-shared Key:** securepassword (with a green checkmark icon)

Below the "WPA Pre-shared Key" field, there is a note: "Type 8-63 ASCII character or 64 Hexadecimal digits leading by '0x'".

At the bottom right of the configuration area, there are "Cancel" and "Save" buttons. The footer of the page contains the version information: "Version 2.0.3(Build.2878.1868.540) Copyright © DrayTek Corp. All Rights Reserved." and the slogan: "Your reliable networking solutions partner".

Mass Backup/Restore

DrayTek VigorACS2 Admin System Administrator

Search... Maintenance > Scheduled Backup

User Group : ACS_Network

DEVICE MENU

- Dashboard
- Monitoring
- Configuration

SYSTEM MENU

- Maintenance**
 - Scheduled Backup**
 - Configuration Restore
 - Firmware Upgrade
 - Device Reboot
 - System Password Reset
 - Schedule Profile
 - File Manager
- Reports

Networks & Devices Backup Settings Profile

Name	Profile Id
Root Network(7)	
ACS2 Net(7)	MonthlyBackup
VigorAP Net(2)	Weekly
2860n+_001DAAB7	Daily
2920n_00507FC	
2860ac_001DAAD	
2860_001DAAE	
2925FVn+_001DAABE	

Save

Reporting

+ Create new report

Select report type

Traffic WAN Graph

Select time interval

Preset: Custom

Start day: 08/10/2017 End day: 08/17/2017

Start time: 12:00 AM End time: 11:59 PM

Select devices

Model Name: ALL Modem Version: ALL Severity: ALL

Name	Model Name	Firmware V
<input checked="" type="checkbox"/> <input type="checkbox"/> Root Network(2)		
<input checked="" type="checkbox"/> <input type="checkbox"/> Example Network(2)		

Report

Report 1 Report 2

1 / 1

VigorACS Report

Status Overview Rep

Device Total Count: 14

Severity	Device Name
Normal	DrayTek_001DAA_Vigor2860Vn+_001DA
Normal	DrayTek_001DAA_Vigor2860n+_001DAA
Critical	DrayTek_001DAA_Vigor2860_001DAAE6
Critical	DrayTek_001DAA_Vigor2860n_001DAAA
Normal	DrayTek_001DAA_Vigor2860_001DAAC6

Make Bulk Changes via Global Parameters

The screenshot shows the DrayTek VigorACS2 web interface. The top navigation bar is red and contains the DrayTek logo, the text "VigorACS2", and the user "Admin System Administrator". A search bar is on the left. The main content area is titled "Provisioning > Network & Devices". A "User Group" dropdown is set to "RootGroup". Below this is a table with two columns: "Name" and "Profile Id". The table lists several network groups and their associated profile IDs.

Name	Profile Id
Root Network(453)	ACS Defaults
DrayTek Facilities(42)	Firewall Update 24/08/17
DrayTek UK Test Routers(12)	Firewall Update 24/08/17
Capital Business Park(7)	ACS Defaults
Company1 Ltd(24)	Firewall Update 24/08/17

At the bottom right of the interface, there are "Cancel" and "Save" buttons.

Copy parameters from one device to another or many

DrayTek VigorACS2
Admin
Group Administrator

Search... Copy Parameters > Profile

Vigor 2860n
(Example Network)

Configuration

- WAN
- LAN
- Routing
- NAT
- Hardware Acceleration
- Firewall
- User Management
- Objects Setting
- QoS
- Applications
- VPN
- Wireless LAN
- USB Applications
- System
- Copy Parameter**

1
Creat profile

2
Add parameters

3
Confirm parameter list

4
Copy to device

5
Finish

▲ Close

Firewall

- General Setup
- Default Rule
- Filter Rules
- DoS Defense
- App Enforcement
- URL Content Filter
- Web Content Filter

User Management

Index	Parameter	Add To Parameter List
▼ 1	(72 parameters)	+ Add all
	Child Protection:Alcohol & Tobacco	true ✔
	Other:General	false ✔
	Other:Arts	false ✔
	Child Protection:Nudity	true ✔
	Computer-Internet:Phishing & Fraud	false ✔
	Chating:Chat	false ✔
	Black/White List:Enable	false ✔
	Leisure:Sports	false ✔
	Child Protection:Violence	true ✔

↑ Back to Profile List

← Previous

→ Parameter List

Time graphs of throughput, activity, sessions etc.

DrayTek VigorACS2
Admin System Administrator

Search...

ACS2 Net (7)

Network Model

- Root Network(7)
 - ACS2 Net(7)
 - 2860_001DAA
 - 2860ac_001DAA
 - 2860n+_001DAA
 - 2925FVn+_001DAA
 - AP 810_001DAA
 - 2920n_00507F
 - AP 710_00507F

ACS2 Net

Device Overview

Device Name	Model	MAC	UP Time	Firm
2860_001DAA	Vigor2860		16:18:2	3.8.4
2860ac_001DAA	Vigor2860ac		68:34:29	3.8.4
2860n+_001DAA	Vigor2860n+		19:47:41	3.8.4
2925FVn+_001DAA	Vigor2925FVn+		2136:32:59	3.8.4
AP 810_001DAA	VigorAP 810		0:0:0	1.2.1

Active Clients - Top 10

Total | Current:38

2860_001DAA	Current:35	92%
2860ac_001DAA	Current:3	8%
2860n+_001DAA	Current:0	0%
2925FVn+_001DAA	Current:NaN	NaN%

Map Overview

Traffic - Top 10

Total | 4.23 GB (↑ 484.07 MB ↓ 3.76 GB)

2860_001DAA	3.44 GB (↑ 423.60 MB ↓ 3.02 GB)	81%
2860ac_001DAA	739.55 MB (↑ 48.57 MB ↓ 690.98 MB)	17%
2860n+_001DAA	77.21 MB (↑ 11.90 MB ↓ 65.31 MB)	2%
2925FVn+_001DAA	0 Byte (↑ 0 Byte ↓ 0 Byte)	0%

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For more details, pricing or a demonstration,
Please visit www.draytek.co.uk
or speak to your distributor.