VigorACS SI

Centralized Management System



Auto Provision

- Supports TR-069 Vigor series routers
- Unlimited Network level to group CPEs
- Remote Auto Provisioning and Status Monitoring
- Dynamic and Schedulable Service Provisioning
- VPN Wizard for easy configuration
- Daily Report and Performance for Review
- System Log System
- Real Time Alarm Management
- Topology Management
- Advance Firmware Management
- Security and User Group Management

VigorACS SI, a powerful centralized management system, let System Integrators manage DrayTek's devices more convenient. TR069-based VigorACS SI with user-friendly interface can help users to maintain the configuration of devices easily. As a "value-added" service provider, the System Integrator can assist user to set up VPN connections, VoIP services and cost down customer maintenance fee by approaching real time message from VigorACS SI.

In addition, the easy-to-understand logic management also can easily let new IT staff on board for analyzing/serving customers. VigorACS System Integrator version simplifies management tasks through product type and functionalities of features such as IPSec/PPTP VPN settings. Less technical background is required to fulfill the VPN environment by using the VPN Wizard than setting up the complex parameters of IPSec or PPTP.

Note: VigorACS SI version is only for Vigor router series compliant with TR-069.

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Trigger			Directory	526	02/09/2010 15:57:54	JRaotaroup	
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- Restore	005	107FA65620	Directory	624	02/14/2010 21:05:17	JRootGroup	
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Users can reduce the high cost on administrative and on-site supporting task but still provide high quality service remotely via VigorACS SI. For Multinational company's (MNC) MIS administrator, they can fulfill various operation needs, such as VPN connections, VoIP setting or uploading new applications/profiles for worldwide branches from HQ anytime when the business grows.

System administrator can trigger provision for new uploaded profile, do firmware upgrade and backup/restore configuration of certain CPE at specific time. In addition, Provision Setting can prevent changes of setting in CPE from unexpected modifying, such as Network, VPN, VoIP and Firmware version. Auto provisioning function can also execute the batch profile setting for CPEs by choosing the corresponding user group in Group Management.

Scenarios

Auto provisioning function of VigorACS SI version can satisfy management needs of System Integrators with obtained license from Telco/ISP (figure 1) or only providing value added support (figure 2) to end-users who purchase Vigor routers. Furthermore, VigorACS SI will be capable of any management work of all CPEs spreading in worldwide branch offices from a multinational company such as Figure 3.

Note: CPE here defines as Vigor routers at customer's site.



Figure 1: Wholesale Provider



Figure 2: Value Added Support (Remote diagnostic & management)



Figure 3: MNC Model (Global management)





Easy-to-use wizard settings

VPN wizard embedded with advanced algorithm technique - Circular Layout lets administrators just drag specific CPEs, physically spreading in different locations together in the WUI. Then VigorACS SI would automatically place CPEs to best position for making VPN connection between each others without going through traditional troublesome setting steps. Administrators can choose different types of VPN connection including PPTP and IPSec corresponding to the different network needs of the CPE physical location.

Configuration wizard provides even convenient user interface for backup and restore tasks. Administrators can flexibly set up specific date/time and occurrence timeframe for selected device(s) or group(s).

Firmware wizard is capable for scheduling firmware upgrade date/time or doing immediately.

Note: Other wizard functions will be available in future firmware version.

In addition to wizard settings, Performance Management helps administrators to monitor device summary, detail status of individual CPE(s) and generate LAN/WAN static & graph reports, firmware reports and CPE IP overview (LAN/WAN) reports for comprehensive remote monitor & management needs. Network Topology Management allows Admin to see physical location for CPE via Google Map view with device basic information.

Alarm & Log Management

Alarm		Q Search	- C -	Q Search	
> Alamittatory	Tirre	Device Name	Alarm Level	Alarm Nessage	Alarm Type
Mallierver	Wed Feb 24 10:10:53 GP	DreyTek_Boham	😫 Critical	DeviceLossConnection	DeviceLossConnection
	Tue Feb 23 13-40-49 GM	DrayTek_Janny	Critical	DeviceLossConnection	DeviceLossConnection
	Tue Feb 23 13:35:23 0H	DrayTek_Jenny	Critical	DeviceLossConnection	DeviceLoss Connection
	Tue Feb 23 13:34:29 GH	DrayTek_Jenny	Critical	DeviceLossConnection	DeviceLoss Connection
	Tue Feb 23 13:32:09 GM	DreyTek_Jenny	Critical	DeviceLossConnection	DeviceLossConnection
	Tue Peb 23 10:25:18 6M	DrayTek_Boham	Critical	DeviceLossConnection	DeviceLossConnection
	Tue Feb 23 10:26:13 GH	DrayTek_Robin	Critical	DeviceLossConnection	DeviceLoss Connection
	Thu Fab 11 17:54:41 GM	DrayTek_Janny	Critical	DeviceLossConnection	DeviceLossConnection
	Thu Pab 11 17:46:22 054	DrayTek_Janny	SP Critical	DeviceLossConnection	DeviceLossConnection
	Thu Peb 11 17:39:34 GM	DrayTek_Jenny	Critical	DeviceLossConnection	DeviceLossConnection
	Thu Feb 11 09:05:29 GH	DrayTak_Janny	Critical	DeviceLozzConnection	DeviceLossConnection
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	Thu Fab 11 07:35:30 GM	DrayTek_Jenny	Critical	DeviceLossConnection	DeviceLossConnection
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VigorACS SI utilizes Alarm Information section to notify administrator any abnormal situation of managed CPEs for fast reacting to ensure customer satisfaction. Latest alarm will also be displayed in ACS SI homepage to catch administrator's attention for immediate reaction. The types of alarm occurrence, level of alarm, acknowledge status help supervisors evaluate each admin performance based on records displayed in Alarm Information section.

Device Action ActionLog ActionLog Reference SetParameterLog FileTransferLog FileTransferLog DeviceSystog DeviceSystog DeviceSystog System	Q Search	Q tearth	Q Searsh	Q teach	Q Search	Q teach	
	Log ID	Action	Device ID	Device Name	MAC Address	Device IP	
	921	Inform	6	DrayTak_Janny	005027445530	172.17.3.194	
	820	Inform	1	DrayTak_Alan	00507FA654E0	172.17.3.191	
	51.9	Enform	1	DrayTek_Alan	00507FA654E0	172.17.0.191	
	51.0	Deform	4	DrayTek_Rambo	00507FA65620	172.17.3.195	
	817	SetParameterValues	3	DrayTek_Robin	005077465488	172.17.3.193	
	516	SetParameterValues	3	DrayTak_Robin	00507FA654E0	172.17.3.193	
- SystemLog	315	SetParameterValues	3	DrayTak_Robin	00507FR654ER	172.17.3.193	
1.000	514	SetParameterValues	3	DrayTak_Robin	00507FA654E0	172.17.3.193	
	610	SetParameterValuez	9	DrayTak_Robin	005077865460	172.17.0.190	
	512	SetParameterValues	3	DrayTek_Robin	00507F4654E0	172.17.3.193	
	515	Inform	5	DrayTek_Boham	00507FA65678	172.17.3.196	
	310	Inform	3	DrayTak_Robin	005077465488	172.17.3.193	
	509	Enform	2	DrayTak_Bric	00507FA65510	172.17.3.192	
	508	Inform	1	DrayTek_Nan	00507FA654E0	172.17.3.191	
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Log view section has two major portions including Device Action and System. Device Action records action, download, reboot, parameter values, object adding and deleting executed by VigorACS SI for traceability. Based on saved records, admin can know exactly what/when has been done to which CPE. System portion will record the modification or changes of the CPE(s) done by VigorACS SI, such as changing network, name of CPE or location of CPE and so on.



User Operation Management

User Operation Management has three-level user authority for different administrators, including (from high to low) System Administrator, user name as root; Administrator, user name as admin; Operator, user name as Operator.

For instance, IT Dept Head or ACS SI license host can be System Administrator with highest authority, senior IT Dept engineer or ACS SI license reseller as Administrator with middle authority covering their responsible user groups and junior IT Dept engineer as Operator with lowest authority for covering only their job-related user group(s).

System Architecture

The following figure shows an overview of the application between VigorACS and CPE devices. With TR-069 protocol, VigorACS SI can easily communicate and manage devices.



Official Package

What's included in the package

- Quick Start Guide
- CD Manual /Software for installation on Windows (2000/XP/Vista); Linux/Unix



Activation on MyVigor Portal.

License Key

System Requirement

- Server
- Intel® Pentium® 4 CPU 1.0 GHz or above 2 GB DDR2 DRAM or above

Hard-disk space required: 80G at least

Client Adobe Flash Player 9.0 Internet Explorer/Firefox/Safari/Opera Operating System Windows 2003/XP/Vista/7 Unix/Linux