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DOXcontrol

CORE Provisioner:

Robust, Intuitive & Affordable for Cable Operators

REQUIREMENTS

SERVER SPECIFICATIONS

4GB of RAM or more
2 Ethernet ports (100/1000 Mbps)
Serial port (RS-232 COM)
Dual Core Processor or better

OPERATING SYSTEMS

Windows XP, 7, 8, 8.1
Server 2003, 2008, 2012
(32-bit and 64-bit compatible)

CMTS COMPATIBILITY

DOCSIS & EURODOCSIS
1.0 to 3.0 is supported, including:

Cisco uBR7111, uBR7114,
uBR7246VXR, uBR10012

ARRIS CMTS1000/ 1100/ 1500
and Cadant C3, C4c, C4

Motorola BSR-1000, BSR-2000,
BSR-64000

CASA C1G, C2200, C3200,
C10G, C100G

Terayon BW3200, BW3500

Bigband (ADC) Cuda Series

Pico Digital MiniCMTS200a

Any CMTS with is compatible
with DOCSIS or EURODOCSIS

CORE Provisioner is a part of the **DOXcontrol** suite of DOCSIS software developed by Cablesight. It is a complete, integrated software solution that allows cable operators to administer and provision both cable modems and customer premise equipment in their DOCSIS broadband networks.

DOXcontrol CORE's graphical user interface (GUI) is easy to learn and use. Its intuitive, Windows-based design allows for quick and efficient management of the CMTS and CM/CPE networks. It has been developed entirely in-house and does not rely on any third-party applications, software components, plugins or scripts.

DOXcontrol CORE includes integrated DHCP/ TFTP/ TOD servers. The provisioner database is user-definable and existing customer information is easily importable.

DOXcontrol CORE can also synchronize into existing billing software and supports database engines such as MySQL and Microsoft SQL Server. Several affordable licensing plans are available to meet different system sizes and budgets. All DOCSIS levels are supported.

The **DOXcontrol** suite includes several software applications such as **ModemPad** (modem config file editor), **MIB Browser** (file viewer) and an RF monitoring system that is presently under development. We are committed to continuous improvement and are guided by the changing needs of cable operators worldwide.

In addition to software, we offer turnkey solutions including CMTS systems, cable modems and DOCSIS network/RF engineering support.

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The screenshot shows the 'Status' tab of the DOXcontrol CORE Provisioner. It displays a green status indicator and a message: 'All selected services running (operation is normal)'. The 'Network Information' section includes: Server IP Address: 192.168.3.3 (IPv4), Total number of connected devices: 7 (active: 7), DHCP HFC IP Pool: 7 (allocated) 234 (available), DHCP CPE IP Pool: 2 (allocated) 244 (available), CMTS SysDesc: Linux CMC2.622.2.6.35.3-571-gcca29a0 #1 PREEMPT Thu Jun 5 02:33:47 EDT 2014 armv5tej, Number of completed TFTP transactions: 9, Software uptime: 1 hours, 17 mins, 38 secs (running since 3:43:33), Program running: 1 hours, 17 mins, 0 secs. The 'Computer Information' section shows: Computer's operating system: Microsoft Windows 7 Professional (64-bit), Total system memory: 4284MB (2962MB free), Processor usage: 0%. On the right, there are three graphs: 'HFC DHCP Clients' (0/50), 'CPE DHCP Clients' (0/50), and 'CPU Usage History' (0%/100%). An 'About CORE' dialog box is open in the center, displaying the CableSight logo, version 1.2.2.4, contact information (www.DOXcontrol.com, Tel: (734) 665-3000, Email: info@doxcontrol.com), license key (TCfat9csGi0E.dyrfqRVb), license type (Time-limit (237 days, 7 hours left)), and a disclaimer about the software license. The status bar at the bottom indicates 'Site location: Pico Lab in Dominos'.

The Status tabs displays a network summary of the DOCSIS network and server statistics.

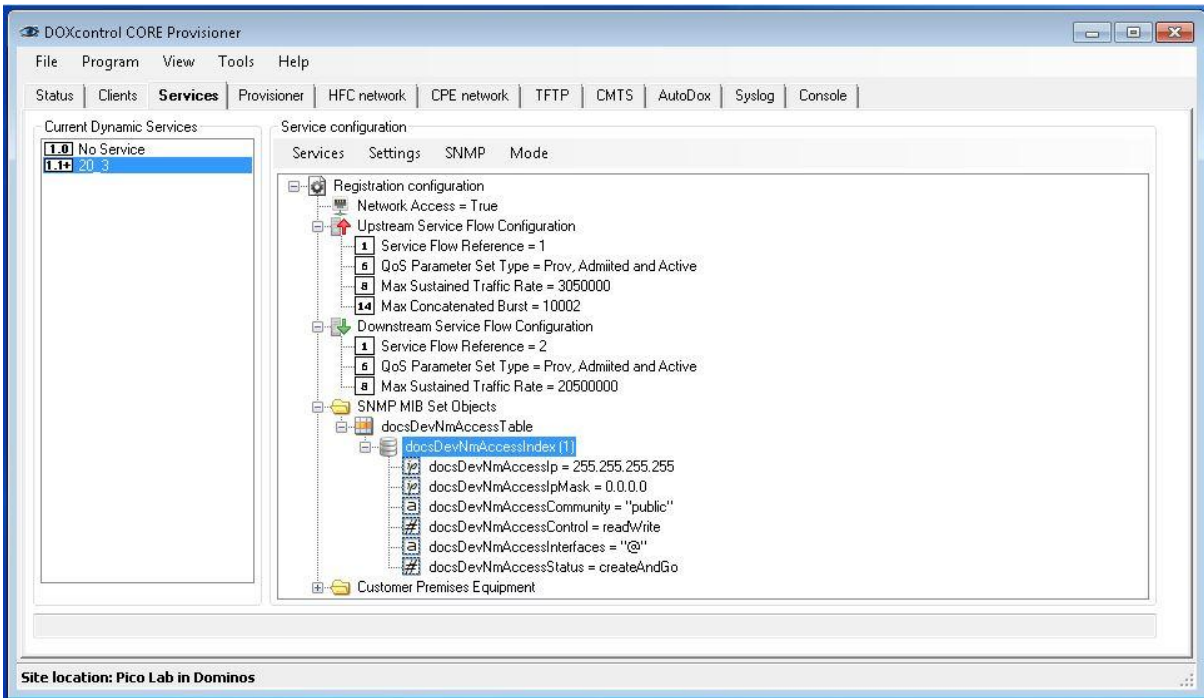
The screenshot shows the 'Clients' tab of the DOXcontrol CORE Provisioner. It displays a table with the following columns: HFC MAC, HFC IP, Service / Config, Model, Firmware, Capacity, Last Seen, DS dBmV, and US dBmV. The table contains 7 rows of data:

	HFC MAC	HFC IP	Service / Config	Model	Firmware	Capacity	Last Seen	DS dBmV	US dBmV
1	A4:7A:A4:B8:1F:58	192.168.3.10	20_1.cm	SB6121	SB612X-1.0.3.3-SCM...	DOCSIS 3.0	Active	12.7	37.9
2	00:11:E3:03:79:86	192.168.3.11	20_1.cm	DCM425	ST52.05.49	DOCSIS 2.0	Active	11.4	38.2
3	00:16:B5:38:C7:D0	192.168.3.13	20_3.cm	SB5101	SB5101N-2.7.5.0-GA...	DOCSIS 2.0	Active	9.4	39.9
4	A4:7A:A4:33:EB:CC	192.168.3.12	20_1.cm	SBG6580	SBG6580-3.1.0.0-GA...	DOCSIS 3.0	Active	13	39.9
5	00:8E:F2:2F:B4:B0	192.168.3.14	20_1.cm	CG3000D	V5.5.2RG-05B	DOCSIS 3.0	Active	12.6	39.2
6	FC:4A:E9:00:0A:F1	192.168.3.15	20_1.cm	5341J	5.5.8.6J	DOCSIS 3.0	Active	12.8	40
7	00:50:D4:69:5E:F4	192.168.3.16	gold.cm	SL-2810	10.2.0	DOCSIS 2.0	Active	10.4	40.1

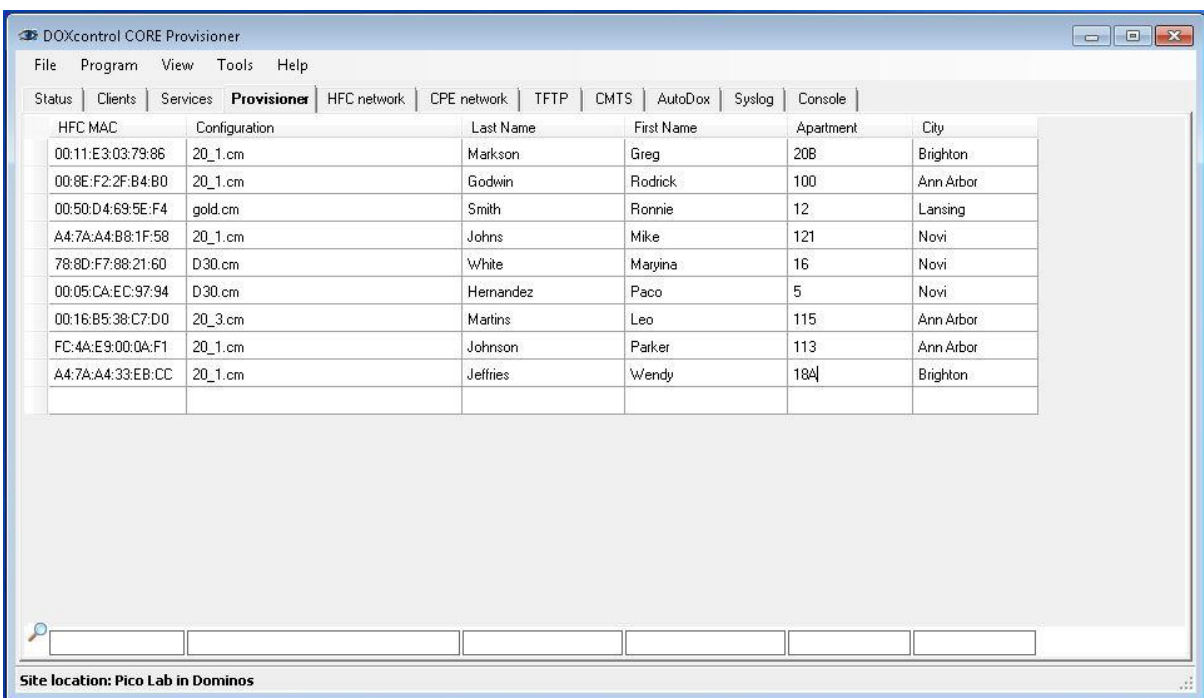
At the bottom of the table, there are two search buttons: 'Find MAC Address' and 'Find IP Address'. The status bar at the bottom indicates 'Site location: Pico Lab in Dominos' and 'New CPE client registered: 00:8E:F2:2F:B4:B1 (192.168.5.6)'.

The Clients tab shows a summary of all cable modems, their status & technical details.

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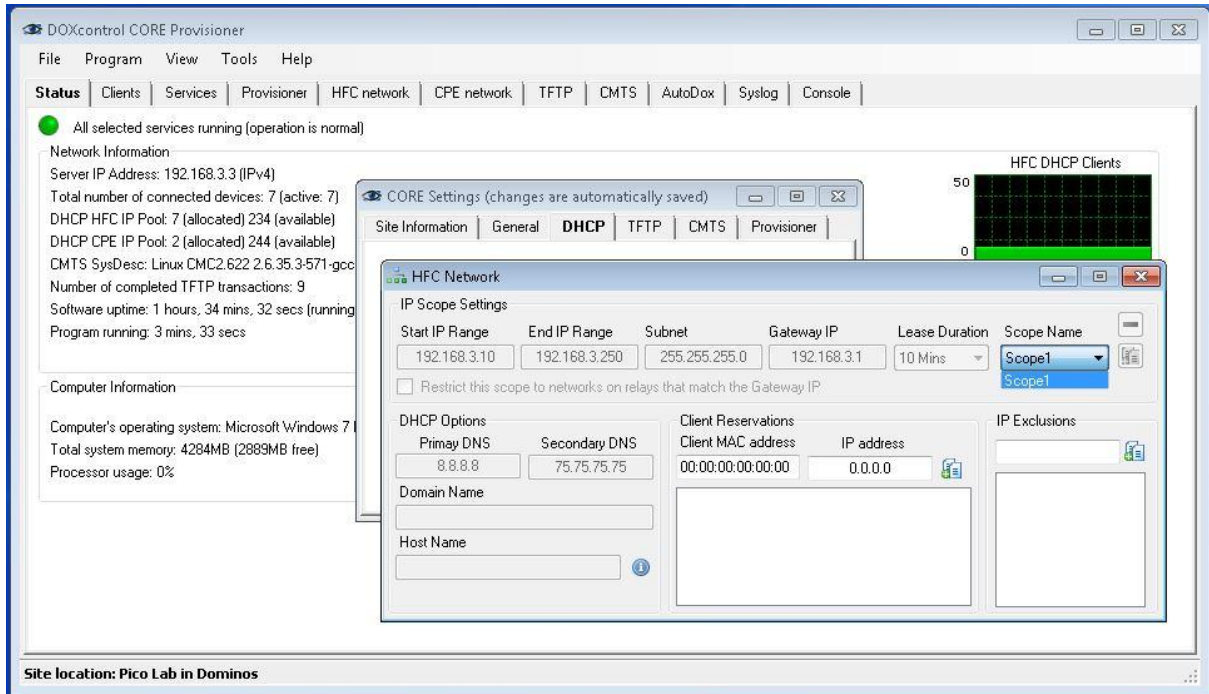


The Services tab allows for easy creation, importation/exportation of modem config files.



The user-definable Provisioner tab displays the modem customers and their locations.

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The Settings tabs allow for easy setup of CORE provisioner, including subnets & ranges.



Part Numbers

DOXCORE-Elite
DOXCORE-Standard
DOXCORE-Basic

DOXcontrol CORE Provisioner, while robust and compatible with all major CMTS systems, is surprisingly easy to use and intuitive. Save instantly by switching from overpriced and complicated 3rd party provisioning providers and taking control of your own DOCSIS networks. We can provide as much assistance or support as needed to ensure a smooth transition.

Contact us today for an interactive demonstration or to discuss how **DOXcontrol** can make your provisioning easier and less expensive. We provide the tools so operators can control their own networks easily, freeing up valuable time to focus on building their subscriber base and growing their revenue streams.