

UNIFIED NETWORK PLATFORM™

Cobia™ Unified Network Platform™ (UNP) delivers core networking and security services in a single modular software-based solution. Cobia opens the possibilities for networking and security by providing a flexible, plug-n-play software platform that operates at the edge, interior, and core of the network. The Cobia platform is adaptable to all parts of the network and can be operated on a dedicated computer or as a virtualized Cobia device through virtualization software. By integrating these systems in a unified platform, Cobia provides small and medium-sized businesses, and remote enterprise offices with the core components needed to quickly implement or expand the network. Cobia is a certified VMware virtual appliance. It has been tested and approved by VMware to be stable, secure, and ready-to-run on any virtual platform.



Delivered as software, Cobia is installed on commercial off-the-shelf (COTS) Intel or AMD hardware. Its modular design allows administrators to easily implement the complete platform or a subset of modules. Offered under dual-use community and commercial licenses, the Cobia UNP is ideal for those building a new network, extending an existing network, upgrading their infrastructure, in need of additional network/security capabilities, or facing an emergency and requiring replacement components immediately.



Cobia UNP combines network and security services into one easy-to-use management console. This web-based interface makes system management straightforward and provides the monitoring tools needed to keep networks operating smoothly and securely.

Individual network and security Cobia modules are accessed using the top menu bar. The Cobia Admin dashboard (shown here) is dynamically updated with the latest system health stats, such as system uptime, CPU utilization, system load, memory usage, disk space utilization, and network interface status.

Cobia modules are plug-n-play, making it easy to install new modules anywhere the platform lives in the network.

COBIA PROVIDES USERS WITH THE FOLLOWING BENEFITS:

- **Flexibility and modularity.** Utilize Cobia modules anywhere in the network. Implement the full Cobia platform or only the modules you require. Individual components can be deployed as needed. Network and security services can now live in the network where you desire, rather than being tied to a fixed-function and expensive to replace hardware appliance.
- **Ease of configuration and management.** Cobia provides a web-based management interface for all modules operating on the Cobia device. The interface (shown above) has been designed for ease-of-use, manageability, and configuration. Because the entire platform is managed through the Cobia interface, configuration and on-going administration are fast and easy.
- **Device and function consolidation.** All systems and services are contained in a single software platform and centrally managed through one web-based console. The complete platform can be hosted on a dedicated, off-the-shelf x86 machine or run as a VMware instance.
- **Low total cost of ownership.** The base Cobia platform is offered as a free software download. Because Cobia is installed on off-the-shelf hardware, the expense of deploying multiple appliances is eliminated. Networks are now free to leverage the latest in hardware price/performance improvements. Management, configuration, and monitoring of all modules are accomplished through Cobia's easy-to-use web-based management console, maximizing administrative efficiency.
- **Extensibility.** Built from the ground up as an open, extensible platform, Cobia delivers proven network and security services, utilizing open-source and commercial software components. The underlying Cobia code is available and accessible. Users are free to customize the Cobia platform to implement their own modifications and extensions. Commercial license options are available for uses in products or services.

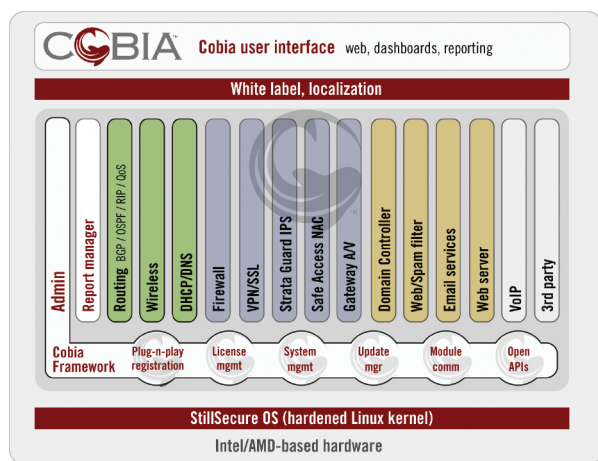
DOWNLOAD COBIA AT: <http://cobia.stillsecure.com>

OPEN PLATFORM

The Cobia UNP frees users from proprietary, appliance-based network infrastructure. It is an open software platform that incorporates the latest advances in commercial and proven open-source tools and services, and is supported by the world-wide Cobia community.

Licensed under dual-use community and commercial licenses, users can download and modify Cobia source code to meet custom requirements. The platform's open architecture allows it to operate modules provided by StillSecure and third party companies or developers. Developers can utilize the Cobia SDK to create new modules.

StillSecure Cobia UNP partner programs offer a growing ecosystem of hardware, modular software, and service options. All partner listings are in the partner directory located on the Cobia web site. Anyone wishing to use Cobia within, or as part of their product or service, can contact: partner@stillsecure.com to inquire about commercial use options.



VIRTUALIZATION

The Cobia software-based architecture takes advantage of the latest advances in virtualization technology. Virtualization makes it possible to take multiple physical devices and create a single, virtual platform of networking and security services. These services (routing, firewall, DNS, WiFi, VPN, etc.) are able to be run on one device or dispersed across the network as needed, and managed from one web-based management interface. Using Cobia, any combination of its modules can operate as an instance on existing computers, making dedicated hardware appliances obsolete.

Virtualization using Cobia means that networks can now be implemented and changed without having to move or replace existing fixed-appliances. Network and security services can be setup quickly utilizing existing hardware. Virtualized Cobia devices can also perform critical network services during a network move or reconfiguration. As hardware prices decrease and performance continues to increase, Cobia is well positioned to take advantage of advances in virtualization to build secure network infrastructures.

ABOUT STILLSECURE

The Cobia UNP is being developed by StillSecure®, a company with deep networking and security expertise. As the creator of a successful line of network-based security solutions, StillSecure brings the engineering experience and vision necessary to consolidate networking, security, VoIP, and next-generation services into a Unified Network Platform. StillSecure offers the base Cobia platform free of charge and provides users with fee-based services such as training and support. Comprehensive partner programs are also available. **To learn more about these programs, please visit our website: <http://cobia.stillsecure.com/partner>.**

NETWORK/SECURITY

LAN/WAN	10/100/1000 Ethernet Unlimited interfaces, Virtual interface support
IP Routing	IPv4 (IPv6 planned), Static, RIPv2, BGP, OSPFv2, Traffic statistics
Firewall	Stateful inspection, Policy based rules, Interface independence, Rule logging and statistics, NAT – source, destination, pools and masquerade
IP Address Management	DHCP server, DHCP client, IP address reservations
DNS*	DNS resolver, DNS forwarding
IPS*	Stateful packet inspection, Deep packet inspection, Multi-segment support, Bridged interface support (inline), IPS or IDS mode per interface, Automated rule updates
WiFi*	802.11 a/b/g interface cards
VPN*	Site-to-Site VPM, Remote Access, IPsec, L2TP, PPTP, VPN NAT
Additional Modules Planned	Anti-virus gateway, Spam filter, Web content filter, File/print services, Email server, Web server, Domain server, VoIP PBX

VIRTUALIZATION

VMware	VMware Server for Windows, VMware Server for Linux, VMware Server for Mac – planned
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MANAGEMENT

Management console	Web-based user interface, HTTPS/SSL, Firefox, Internet Explorer or compatible browser
CLI access	SSH, Direct console
Monitoring	SNMPv2
Logging	Syslog, Automated log management
Tools	dig, netstat, nmap, nslookup, ping, scp, traceroute, whois, wireshark (ethereal)

HARDWARE REQUIREMENTS

MINIMUM REQUIRED	
General	Linux compatible hardware
Processor	Intel 2.0ghz or greater, AMD 4000+ or greater, Multi-core CPUs supported
Memory	512MB or greater
Storage	10GB or greater
Network Interfaces	1 (or more): 10/100mb or 10/100/1000mb Ethernet adapter, Intel recommended
Operating System	Included: Linux 2.6.20 pre-hardened OS
Other	Monitor and keyboard required for direct console access

SUPPORT

Free Support	Online forum support: http://cobia.stillsecure.com
Paid Support	Tier 1: Email support, 8am–6pm MST Tier 2: Email and phone support, 8am–6pm MST Tier 3: 24/7

* Coming soon

Module contents and features are subject to change by StillSecure.