



ContentKeeper - Web Content Appliance with *Closed-Loop Collaborative™* Filtering

ContentKeeper - Installation CD-ROM

Thank you for your interest in the ContentKeeper - web filtering appliance. We invite you to explore the product and its features using the **Installation CD-ROM** disk.

The ContentKeeper Installation CD contains both:

1. Introductory Product Documentation, including multimedia presentations and testimonials
2. The Complete Product itself, ready for installation, along with its own operating system

Additional, more specific documentation is available on the **ContentKeeper Documentation CD-ROM** disk.

1. Documentation

To view the ContentKeeper multimedia presentations, simply insert the CD into an existing *Windows* system, and the presentation will start automatically. If the presentation does not start automatically then browse to the CDROM and double click on "start.exe". This will present a browser interface, allowing you to select from the following:

- Product Introduction - main feature highlights
- Product Overview - video presentation by ContentKeeper CEO Mr. David Wigley
- Testimonials - several video presentations by clients at recent ContentKeeper installation sites
- Product Datasheet - detailed product specifications, in Adobe Acrobat (.pdf) format
- Product Administration Guide - detailed product installation and administration guide (168 pages, .pdf - a more recent version of this is also available on the **Documentation CD**)

2. Installation

The ContentKeeper Auto Installer CDROM will allow you to install and configure ContentKeeper from scratch. ContentKeeper is a "stand-alone appliance" type of solution, which requires its own dedicated Intel platform. This may be a dedicated PC, or rack-mounted server. See below for minimum hardware specifications. In network terms, the ContentKeeper Appliance must be located between your internal network and any Internet connection point, usually on the internal network side of your proxy server and/or firewall. See the Product Administration Guide for suggested ContentKeeper installation points on your network.

To start the Auto Installer simply boot the target system from the Auto Installer CDROM, then type "install" at the *boot:* prompt to begin the operation.

IMPORTANT: The Auto Installer will partition and format the target system's hard drive in preparation to loading Red Hat Linux and ContentKeeper. This is a destructive operation and will cause the loss of any data on the target system.

The CD contains both a recent copy of ContentKeeper itself, **and**, a copy of Redhat Linux 7.3, the operating system which ContentKeeper runs under.

Once installed and connected to the Data Centre, the ContentKeeper product will update itself and reboot (if necessary), and begin the process of downloading the most recent version of the ContentKeeper *Control List* (URL blocking list) - automatically! The product will then continue to download updates to the Control List *on an hourly basis*. New installation sites are automatically granted a 20-day licence to test drive the product, with no restrictions, including the use of ContentKeeper's live-blocking engine and the full URL Control List - updated hourly.

Minimum System Requirements

The following is an outline of the hardware requirements for building a ContentKeeper server. Please ensure that the requirements are met before proceeding with the installation.

Platform: Dedicated Intel based server
Processor: 1.2 GHz
Memory: 512MB RAM
Storage: 20GB HDD
Peripherals: Keyboard and monitor for use during installation
Network: 3 x Intel Pro 10/100-s or 10/100/1000-s Ethernet Cards
(This includes most NICs based on the Intel 8254x or 8255x chipset)

The ContentKeeper Auto Installer will automatically configure Red Hat Linux then prompt you to answer a few short questions on how you would like ContentKeeper to be configured. The very first time that you reboot after starting the ContentKeeper Auto Installer your server will be up and running with ContentKeeper.

All information supplied to ContentKeeper will remain private and confidential.

Please refer to the ContentKeeper Administration Guide for detailed installation and configuration instructions.

ContentKeeper and Your Network

The ContentKeeper appliance presents itself as a transparent adaptive Ethernet bridge and is installed simply by patching it into your existing network. Installation can be normally accomplished without the necessity of re-configuring any of your other network devices. Being a bridge, ContentKeeper provides extremely fast filtering performance and is highly scaleable for use in high volume enterprise network environments.

One Important Caveat on connecting the ContentKeeper device to your network:

*****WARNING: DO NOT CONNECT BOTH BRIDGE PORT CABLES TO THE SAME HUB/SWITCH AS THIS WILL CREATE A BRIDGING LOOP WHICH MAY CAUSE SERIOUS NETWORK OPERATIONAL ISSUES *****

To avoid the bridging loop problem, make sure that the two ContentKeeper appliance bridge ports are connected to *different* hubs or switch devices on your network. The third appliance NIC (management port) may be connected to any hub or switch, including the same ones that either of the bridge ports are connected to.

Generally speaking, the installation of the ContentKeeper appliance is an easy task, provided the above instructions are followed correctly.

If you have any further questions about the features or installation of ContentKeeper, please contact us at **APL Borealis**.