



Reviewer's Guide

To AdRem NetCrunch

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About NetCrunch

Product name

AdRem NetCrunch

Current version

4.3 released on January 17, 2007

First released

2002

30-day evaluation version download

www.adremsoft.com/demo/

List of upgrades in the current version

www.adremsoft.com/netcrunch/whats-new.php

NetCrunch White Paper

www.adremsoft.com/netcrunch/doc/nc4_Editions.pdf

License installation manual

www.adremsoft.com/netcrunch/doc/nc4_license_installation_manual.pdf

Functional Overview

NetCrunch in a Nutshell

NetCrunch is an agentless network monitoring solution which automatically discovers and maps network topology, monitors performance, availability and response time of network servers, devices, services and applications. The program provides problem notification, automatic corrective actions, alert suppression and escalation, event log, trending, reporting and policy-based web access. Program includes both Windows and web-based consoles. Diagnostic tools include traceroute and port scanner. Supports Windows, Unix/Linux, NetWare and SNMP devices.

Network visualization

The core capability delivered by NetCrunch is the power to visually display an anatomy of the entire network infrastructure. As a result, administrators gain multiple perspectives on what is in the network and how all vital component parts are interconnected. This is possible via:

- ⇒ Auto-discovery and display of logical and physical network topologies
- ⇒ Periodic updates of the logical network views
- ⇒ User-defined views of managed assets grouped by location, host type, vendor, IP address, business process, and several other criteria
- ⇒ Remote access via a web browser to the program's network data.

Monitoring

With NetCrunch, users can probe into the dynamically changing network behavior by accessing current, easy-to-read information. This way, they can tell at a glance what is and isn't working inside hosts' system resources, network services or applications. In some cases, it is even possible to anticipate impending problems. To that end, the program provides:

- ⇒ Host/service availability and response time tracking
- ⇒ Threshold-based monitoring of host and application performance using SNMP, Windows NT, and NetWare performance counters
- ⇒ Detailed real-time diagnostic information
- ⇒ Full-fledged SNMP management.

Alerting and corrective actions

NetCrunch early detects malfunctions in managed objects providing several ways to restore IT operations to the optimum level. With automated problem identification and event responses, users can react quickly and efficiently ensuring that service levels and users are not compromised. Key features in this functionality area include:

- ⇒ Event notifications delivered to predefined users or groups via e-mail, modem, pager, ICQ, SNMP trap, syslog message, cell phone text message
- ⇒ Automatic corrective actions, including NT service restart, system reboot, running of Windows commands, Linux scripts, Novell NLMs
- ⇒ Flexible event management with customizable event logs, alert escalation and alert delay via monitoring dependencies
- ⇒ Prepackaged diagnostic tools (graphical ping, traceroute, bandwidth scanner, service/port scanner, SNMP browser/editor).

Trending and reporting

Apart from the real-time information, NetCrunch delivers a wealth of historical performance data. In this manner, users can go beyond current issues taking up strategic activities such as capacity forecasting or consolidation of the existing assets. This can be done via:

- ⇒ Collection of performance trends
- ⇒ Real-time and long-term trend visualization
- ⇒ Daily, weekly and monthly reports for various platforms, applications, and services
- ⇒ Report customization and scheduled distribution via email.

System Requirements

It is strongly recommended to install both Premium and Premium XE editions of NetCrunch 4.x on a dedicated machine.

System requirements depend on the amount of nodes monitored - in the case of monitoring more than 100-200 nodes, a machine that meets recommended system requirements should be used.

Minimum system requirements	Recommended system requirements
Processor	
Intel Pentium 4 or AMD Athlon64	Dual-core Intel Pentium D/Core2 Duo or AMD Athlon64 X2 or faster models
Memory	
512 MB of RAM	1 GB of RAM
Available Hard Disk Space	
100 MB for program files after installation, 200 MB for collecting trend data	100 MB for program files after installation, 1 GB for collecting trend data
Display	
1280x1024 pixels (SXGA), High Color (16 bit)	Widescreen - 1680x1050 pixels (WSXGA+) or more, True Color (32 bit)
Web Browser	
Internet Explorer 5.5, Firefox, Netscape	Internet Explorer 6.0 or higher, Firefox, Netscape
Operating System - NetCrunch Premium XE	
Windows Server 2003 Windows Server 2003 x64 Edition	Windows Server 2003 Windows Server 2003 x64 Edition
Operating System - NetCrunch Premium	
Windows 2000 Windows XP SP2 * Windows Server 2003	Windows Server 2003

* some restrictions

Monitored platforms and protocols:

- ⇒ Windows 9x (only via SNMP agent), Windows NT/2000/XP/2003
- ⇒ NetWare 4.x, 5.x, 6.x, OES
- ⇒ UNIX (Linux, FreeBSD, HP-UX, Solaris, AIX)
- ⇒ any platform or device supporting SNMP
- ⇒ TCP/IP
- ⇒ SNMP v.1, v.2, v.3

Pricing and Licensing

AdRem NetCrunch is licensed per monitoring station. This means that one license entitles the user to install NetCrunch on a single station.

The prices below are valid in United States and Canada.

The price list is also available at www.adremsoft.com/netcrunch/pricing.php

Note:

Service Agreement includes 12 month free phone and email support including upgrade to next major version.

Web Access license is necessary to restrict remote access to NetCrunch data and operations.

NetCrunch 4.x Premium XE

NC 4.x Premium XE + Unlimited WA **\$7,990**

Single monitoring station license,
 Unlimited number of nodes and services monitored
 Unlimited Users Web Access License
 1 Year Professional Service Agreement

NC 4.x Premium XE + 3 WA Users **\$6,590**

Single monitoring station license,
 Unlimited number of nodes and services monitored
 3 Concurrent Users Web Access License
 1 Year Professional Service Agreement

\$4,995

NC 4.x Premium XE

Single monitoring station license,
 Unlimited number of nodes and services monitored
 1 Year Professional Service Agreement

NetCrunch 4.x Premium

NC 4.x Premium + Unlimited WA **\$6,390**

Single monitoring station license,
Unlimited number of nodes and services monitored
Unlimited Users Web Access License
1 Year Professional Service Agreement

NC 4.x Premium + 3 WA Users **\$4,990**

Single monitoring station license,
Unlimited number of nodes and services monitored
3 Concurrent Users Web Access License
1 Year Professional Service Agreement

\$3,395

NC 4.x Premium

Single monitoring station license,
Unlimited number of nodes and services monitored
1 Year Professional Service Agreement

NetCrunch 4.x Premium 100

NC 4.x Premium 100 + 1 WA User **\$2,395**

Single monitoring station license,
100 monitored nodes and unlimited services,
Single User Web Access License
1 Year Professional Service Agreement

NetCrunch Editions

NetCrunch ships in two editions – Premium XE and Premium – that differ in functionality and management purposes. It should be noted that both versions are licensed per monitoring station. NetCrunch Premium XE is the more scalable version of the program. It is designed to be run on the dedicated machine and is recommended for monitoring networks containing up to a few thousand nodes. On the other hand, NetCrunch Premium may run on non-dedicated machine and performs best in a few hundred nodes' environment.

NetCrunch Premium XE, when running on dedicated high-performance systems, can perform at the maximum speed that such systems allow. It also offers advanced physical network topology maps, with support for VLANs on Cisco switches. This edition ships with monitoring prioritization and alert suppression based on node dependencies, allowing administrators to monitor more network nodes and collect considerably more network data from a single point of control.

Note

Both program editions run on: Windows 2000/XP/2003 + Internet Explorer 5.5 or later, Firefox, Mozilla or Netscape. The detailed list of features available in NetCrunch 4 editions is available here: www.adremsoft.com/open-pdf.php?pdf=netcrunch/NC4_Editions.pdf

About AdRem

AdRem Software provides network management solutions for businesses that seek affordable ways to maximize ROI on IT infrastructures. AdRem's products allow IT Departments to graphically represent network infrastructure, address problems in real-time, and perform capacity planning.

AdRem solutions are all about "Doing More with Less"- enabling network specialists to realize the full potential of their IT expertise and technology resources at a minimum cost. With corporate networks becoming more complex and bringing together multiple technologies, AdRem will continue to work ahead of current demands to keep up with IT professionals' future needs and expectations.

AdRem's solutions are sold through AdRem's resellers, distributors and system integrators worldwide.

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