

eScanTM

Endpoint Security
(with Hybrid Network Support)

24x7 FREE
Online Technical Support
support@escanav.com
<http://forums.escanav.com>

Clients Supported



Quick Reference Guide
Corporate and Enterprise Solution

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Technical Support:	support@escanav.com
Sales:	sales@escanav.com
Forums:	http://forums.escanav.com
eScan Wiki:	http://www.escanav.com/wiki
Live Chat:	http://www.escanav.com/english/livechat.asp

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Introduction

MicroWorld Welcomes You!

A few words before you start

eScan Endpoint Security (with Hybrid Network Support) offers cogent method to block external devices and restrict unauthorized applications. It also provides comprehensive Software and Hardware Asset Management for Windows, Mac, Linux or Android endpoints. This will help you to tackle your system in an efficient manner by providing fine control over your sensitive data.

New Features added:

- Unified Console for Windows, Mac, Linux and Android
- Data Theft Notification
- Set advanced security policies
- Secure Web Interface
- Dashboard
- Asset Management
- Print Activity
- License Management
- Endpoint Security (Application and Device Control)
- Client Live Updater
- Reports and Notifications
- Task deployment
- Manage updates

eScan Endpoint security client as well as server can be installed on any computer where any other antivirus software is already installed.

Hardware and Software Requirements for Windows

The software and hardware requirements for installing eScan are as follows

Windows Requirements

Platforms Supported (Windows server & workstations)

Microsoft® Windows® 2012 / SBS 2011 / Essential / 2008 R2 / 2008 / 2003 R2 / 2003 / 10 / 8.1 / 8 / 7 / Vista / XP SP 2 / 2000 Service Pack 4 and Rollup Pack 1
(For 32-Bit & 64-Bit Editions)

Hardware Requirement for Server and Endpoints

For Server

- CPU - 2GHz Intel™ Core™ Duo processor or equivalent.
- Memory - 4 GB and above
- Disk Space (Free) – 8 GB and above

For Endpoints (Windows)

- CPU - 1.4 Ghz minimum(2.0 Ghz recommended) Intel Pentium or equivalent
- Memory - 1.0 GB and above
- Disk Space (Free) – 1 GB and above

eScan Console can be accessed by using below browsers:

- Internet Explorer 7 / 8 / 9 / 10
- Firefox 14 & above
- Google Chrome latest version

Linux Requirements

Platforms Supported (Linux Endpoints)

- RHEL 4 & above (32 & 64 bit)
- CentOS 5.10 & above (32 & 64 bit)
- SLES 10 SP3 & above (32 & 64 bit)
- Debian 4.0 & above (32 & 64 bit)
- OpenSuSe 10.1 & above (32 & 64 bit)
- Fedora 5.0 & above (32 & 64 bit)
- Ubuntu 6.06 & above (32 & 64 bit)

Hardware Requirements (Endpoints)

- CPU - Intel® Pentium or compatible or equivalent.
- Memory – 512 MB and above
- Disk Space – 500 MB free hard drive space for installation of the application and storage of temporary files

Mac Requirements

Platforms Supported (Mac Endpoints)

- Mac OS X 10.9 - Mavericks
- Mac OS X 10.8 - Mountain Lion
- Mac OS X 10.7 - Lion
- Mac OS X 10.6 – Snow Leopard

Hardware Requirements (Endpoints)

CPU - Intel based Macintosh

Memory – 1 GB and More recommended

Disk Space – 500 MB and above

Android Requirements

Hardware Requirements (Endpoints)

- Android Version 2.2 & above

eScan Management Console

Introduction

A web based centralized Management Console that helps the administrator to install and manage eScan Endpoint Security Client on Windows, Linux and Mac machines connected to the network.

Using this console you can perform following activities –

- Install eScan Corporate Client application on the Endpoints connected to the network.
- Monitor the Security Status of the Endpoints connected to the network in the organization.
- Create and Manage policies or tasks for Endpoints on your network.
- Create and View customized reports of the Security Status of the Endpoints.
- Manage Notifications for Alerts and Warnings.

Installation Process

Installing the application from the installation file downloaded via the Internet is identical with installing the application from the CD. The eScan installation setup file called ewn2ksmk.exe. The eScan setup is an Interactive Installation Wizard. We recommend closing of all applications before proceeding with the installation.

STEP 1 - Choosing the Language

eScan is available in multiple language. Select the appropriate language from the drop down box and click on the OK button.

STEP 2 - Installation Wizard Welcome Screen

Installation Wizard welcomes you to the installation process. Click the NEXT button to proceed with the installation or click the CANCEL button to abort the installation.

STEP 3 - License Agreement

This window contains the End-User License Agreement (EULA) for eScan Software Product. Read it carefully, and if you agree with all terms and conditions of the agreement, select "I accept the terms of the license agreement" and press the NEXT button and the installation will be continued. Or select "I don't accept the terms of the license agreement" or press the CANCEL button to abort the installation or click the BACK button to go back to the previous window.

STEP 4 - Selecting the Installation Folder

After accepting the EULA, you will be asked to identify the folder on your computer where the application should be installed.

The default path is:

<System Drive>\Program Files\eScan for 32-bit systems.<System Drive>\Program Files (x86)\eScan for 64-bit systems.

📌 **Note:** You can specify a different folder by pressing the BROWSE button and selecting a folder. To proceed with the installation, press the NEXT button.

STEP 5 - Summary report before Installation

This window will show the summary of the options selected like destination of the installation location. This step completes the preparation for installing the application on your computer. Click on the BACK button if you want to review or change any settings. Click on the INSTALL button to proceed with the installation. The installation files will start copying to your computer.

STEP 6 - eScan Management Console Configuration wizard

This wizard will guide you for installation of Microsoft Windows Installer, Microsoft .Net framework and SQL Server Express Edition. Click on "NEXT" button to proceed.

STEP 7 – Select computer hosting SQL Server

In this window, you can either install SQL Server using this wizard or you can select existing installation of SQL Server by clicking "Browse" button. Once you select the appropriate installation method for SQL Server, click on "NEXT" button to proceed. eScan Corporate Edition with Cloud Security. If you select "Install Microsoft SQL Server Express Edition (Recommended)" option and then click on "NEXT" button, you will get next wizard which will install Microsoft Windows Installer, Microsoft .Net Framework and SQL Server Express Edition freshly on the system. Once everything is installed "NEXT" button will get enabled. Click on "NEXT" button to proceed and then follow the STEP number 8. (IMP: If SQL is already installed on the system do not select this option, instead select the second option "Choose existing" SQL Server name). If you select "Choose existing" option, then you need to select the SQL Server Name, you can either type the SQL Server Name or you can click on "Browse" button to choose the SQL Server Name.

Once you select "Choose existing" and click next you will be prompted for SQL Server instance name, Hostname or IP Address of the system on which SQL Server is already installed, Login Name and Password. If the information filled by you, is proper, then you can click on "Test connection" button to verify the connection to the SQL Server is successful or not. If the connection is successful you can click on "NEXT" button to proceed. If the connection is not successful, please verify the SQL server connectivity with other tools or check if the system or IP Address is reachable.

STEP 8 – eScan Management Console Login Information

In this page, you need to enter the root user login credentials, root is the default administrator account created for accessing eScan Management Console. This user will have all the rights. Here all the fields are mandatory. Then click on “NEXT” button to proceed.

STEP 9 – eScan Management Console Configuration successfully completed

This will confirm you the entire configuration have been successfully done. Click on “Finish” button to proceed.

STEP 10 – eScan Install

It will start installing the necessary files as per the configuration being done, meanwhile it will start eScan toolkit to scan memory locations to see if the system is infected or not. It will take few minutes to complete with the installation.

During the process of installation, eScan software will search for other Anti-Virus programs which may conflict with this application. If any such programs are detected, we recommend you to uninstall them before you proceed.

STEP 11 – Completing the Installation

It will indicate that it is necessary to restart the computer to correctly complete the Installation.

Modules of eScan Management Console Dashboard

The dashboard displays Deployment status, protection status, protection statistics and summary Top 10 of all the managed Endpoints in the form of pie charts.

- **Deployment status:** The exact numerical data can be found here. For example: If eScan endpoint security has been deployed on 50 machines; it will show the details of all the 50 machines namely the updated, not updated, unknown and the total number of deployed machines. It will also show the details of the license and the eScan version installed on the Endpoints.
- **Protection Status:** This will display the module status of all the managed computers. For example: Status of eScan Endpoint Security(with Hybrid Network Support) modules- Web-anti phishing, Web Protection and Endpoint Security.
- **Protection Statistics:** This will display the module activity of all the managed computers. For example: The Endpoints where the specific websites are allowed or blocked, USB access allowed or blocked, execution of applications allowed or blocked on managed Endpoints.
- **Summary Top 10:** This will display the Summary of the Top 10 activities and status of all the managed computers. For eg: It will display the Top 10 USB blocked count,

Top 10 Application blocked and allowed count by application name and computer name etc.

Setup Wizard

This module will be guiding you in creating groups, adding Endpoints to particular groups, adding hosts from the network and installing eScan Endpoint Security on the connected computer at a desired path/ location on that computer. This option will be visible only to root users.

Managed Computers

This module will allow you to create a new group, set group configuration, deploy / upgrade eScan Endpoint Security, uninstall eScan Endpoint Security, creates groups, adds tasks and also create update agents. It consists of a Console tree on the left and a task pane on the right. The console tree has two tabs an Action List and Client Action List. The Client Action list has a list of specific activities carried out for eScan Endpoint Security Endpoints namely for deploying / upgrading, or removing from group.

Unmanaged Computers

This module will allow you to add Endpoints on the network using IP range, Active Directory where eScan has not been installed and are not assigned to any Managed groups. This module will allow you to add all these unassigned Endpoints to specific managed groups for installing eScan and deploying policies. The unmanaged computers have three nodes on the navigation pane. Network Computers, IP Range, Active Directory, New computers found.

- **Network Computers**

It displays the Endpoints present on the corporate network. You can select the user group to view the list of computers present in that group.

- **IP Range**

Specify the IP range you want to view by clicking on New IP range. It will display the IP range for the network as nodes in a console tree and also allows you to add or delete an IP range by clicking New IP Range and Delete IP range respectively.

- **Active Directory**

You will have to specify the Active Directory Domain Controller Address. You can also add, modify, or delete the Active Directory from the Properties window. After specifying the address, select the computers that you want to be managed.

- **New computers Found**

This will display the list of Endpoints where eScan is not installed.

Report Templates

This module provides you with predefined reports based on the eScan modules, for a specific period for the specific eScan modules. It helps to create schedules, view report properties, refresh reports. It also allows the administrators to send these reports to specific recipients at specific times and create custom reports based on desired criteria.

Report Scheduler

This module will help you in creating report Templates and scheduling them on the managed Endpoints at a specified time or manually start instantly. The reports will be sent to specified email address at specified time period in any of the desired format (HTML, PDF, Excel or CSV).

Task for specific computers

This module will allow you to create and run tasks on specific Endpoints. It allows you to schedule or modify created tasks from managed computers or groups. It also helps you to view the results of completed tasks.

Policies for specific computers

This module allows you to define the rules for specific Endpoints in the managed group. It also allows you to re-define the rules that you have already created.

Asset Management

This module provides you the details of the entire hardware configuration and the list of software installed on the managed computers connected to the network. It allows you to filter the information based on your requirement and also allows you to export all the system information in excel, .PDF or HTML format.

Print Activity (For Windows Endpoints)

This module maintains a log of all the print activity done by all the managed computers through any printer connected to the network.

Settings

This module will allow you to define important settings for FTP downloads, web console timeout settings, and update download settings.

License

This module will enable you to manage license of users. You can add, activate, and view the total number of licenses available, number of licenses deployed, and number of licenses remaining with their corresponding values.

Procedure for installing Agent on Mac Computer

- Download Agent from the link sent by the administrator.
- Now manually install the Agent by browsing from the stored path. File name - Agent_Setup.dmg

Procedure for installing Agent on Linux Endpoints

- Download Agent from the link sent by the administrator.
- After login as root or Sudo user, manually install the Agent from the stored path using command - dpkg - i for debian based Operating System or rpm - ivh for rpm based Operating system in the terminal window.

On eScan Server (eScan Management Console)

- Login to the web management console with your username and password.
- Click Managed Computers on the navigation panel and select a group to which Endpoints have already been added.
- Select a particular computer and Click Refresh Client option in Management Console.
- A link will be created for downloading the setup file of eScan Endpoint Security for Client.
- Download the setup from the link on the server computer.
- Now go to Deploy/ upgrade eScan Endpoint Security for Client under Client Action List.
- Select install other software option.
- Tick on Linux / MAC Client Setup option.
- Paste the complete path where the setup file is stored on the computer along with complete file name of the setup file in the text area under "Required files for Installation".
- Executable file name will be visible in drop down for Executable File.
- Click Install. The installation will start and you will be informed through a message on completion.

eScan Endpoint Security Client modules for Windows Endpoints

Note: Not all of the features listed for windows will be available in Mac and Linux.

• Web Protection

This will allow you to define the sites that you do not want to allow access to. You can define the site names you want to block, do a time based access restriction.

Endpoint Security

This will control the application from the point of end users by allowing/restricting USB, block listing, white listing, and defining time restrictions.

eScan Endpoint Security Client modules for Mac Endpoints

Endpoint Security

Block USB storage device - This option is present in settings under Protection Module in eScan for Mac.

This will allow you to block USB storage device from accessing your computer. This option is available only in Mac Endpoints.

eScan Endpoint Security Client modules for Android Endpoints

Administrator Mode

This will allow you to change the settings from your mobile device once you input the correct password provided on the server. Without the password you will have only a ready-only access to all the modules and won't be able to make any changes to the already defined settings.

Device Compliance

This will portray the compliance status of the device as healthy or non-compliant. The device is set to healthy or non-compliant based on the policies defined on the server.

Call and SMS Filter

Blocking of unwanted Calls and SMS.

Backup

Take a Backup of SMS and Contacts from managed device to the server.

Parental Control

Block execution of Unwanted Applications as well as opening on unwanted websites on the device, as desired.

Anti-Theft

This feature allows to locate the Device, Wipe the Data present on the Device (SMS and Address Book), Block Device from being used without Admin password, Raise an Alarm for easy location of the Device, and to send Message to the Device through MDM Server.

Privacy Advisor

It shows the permissions for installed applications on your device.

Applications

You can download new apps from the app store and also portrays the list of downloaded apps.

Additional Settings

Configure Advanced Settings for your device for showing notifications, sound notifications, creating secret code, Write logs, and Uninstall eScan from Device, Sync with the Server, and Change Server and Port Address.

Contact Details

FREE Technical Support

We offer 24x7 FREE Online Technical Support to our customers through e-mail and live chat. We also provide FREE Telephonic Support to our customers during business hours.

Chat Support

The eScan Technical Support team is available round the clock to assist you with your queries. You can contact our support team via chat by visiting <http://www.escanav.com> and clicking on Live Online Support.

E-mail Support

We value your suggestions. Please feel free to send your queries, suggestions, and comments about our products or this guide to support@escanav.com.

Our Offices

India:

MicroWorld Software Services Pvt. Ltd.
CIN No.: U72200MH2000PTC127055
Plot No. 80, Road No. 15, MIDC, Marol
Andheri (E), Mumbai - 400093, India.
Tel: +91 22 2826 5701- 05
Fax: +91 22 2830 4750

USA:

MicroWorld Technologies Inc.
31700 W 13 Mile Rd, Ste 98,
Farmington Hills, MI 48334, USA.
Tel: +1 248 855 2020 / 2021
Fax: +1 248 855 2024

Germany:

MicroWorld Technologies GmbH
Drosselweg 1, 76327 Pfinztal,
Germany.

Tel: +49 72 40 94 49 0920

Fax: +49 72 40 94 49 0992

Malaysia:

MicroWorld Technologies Sdn Bhd
(722338-A)

E-8-6, Megan Avenue 1, 189, Jalan Tun
Razak, 50400 Kuala Lumpur, Malaysia.

Tel: +603 2333 8909/8910

Fax: +603 2333 8911

South Africa:

MicroWorld Technologies South
Africa (Pty) Ltd.
376 Oak Avenue, Block B (Entrance
at 372 Oak Avenue)
Ferndale, Randburg, Gauteng,
South Africa.

Tel: Local: 08610 eScan (37226),

International: +27 11 781 4235

Fax: +086 502 0482

Mexico:

eScan Mexico
Manzana 3, SuperManzana 505,
Lote 13, Fraccionamiento Pehaltun,
C.P. 77533, Cancun,
Quintana Roo, Mexico.

Tel: +52 998 9893157

For **Sales Enquiry**, please write to:

sales@escanav.com

For **Support Enquiry**, please write to:

support@escanav.com

For **Knowledgebase**, please visit:

<http://forums.escanav.com>

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