

140 Broadway, 46 Floor
New York, NY 10005
www.piriform.com

Make Your Company's PCs Run Clean Safe Fast

How to optimize PC performance company wide
with CCleaner Network Edition

By Michael R Hoffman



Piriform



Contents

Introduction	2
Problem Statement	3
Previous Options	3
Piriform's CCN Solution	3
CLEAN	4
Problems Associated With the Registry	4
SAFE	4
Reduced Risk Exposure + Cost Avoidance	5
FAST	5
Piriform CCleaner Network Edition Implementation	6
Product Features	6
CCleaner Network Edition (CCN) Functionality	7
Summary	8

Introduction

This paper introduces Piriform's CCleaner Network Edition (CCN), a new tool that delivers the benefits of CCleaner to system administrators.

CCleaner cleans unused files from PCs and helps Windows run faster while freeing valuable hard disk space.

Piriform designs software to optimize PC performance as evidenced by the company's flagship product CCleaner which has been downloaded over 700 million times and received numerous software and analysts awards and recommendations.

CCN clears histories of the PCs online activities such as cookies and internet history. CCN also has a fully featured registry cleaner.

The network version of the product enables centralized deployment across networked PCs ensuring optimal performance at each PC while also performing preventive maintenance machine by machine across the company wide network.

Remote scheduling means computers, including laptops, can be kept clean and secure – even when disconnected from the network.



Problem Statement

IT departments are faced with supporting a mix of desktops, laptops and a growing list of devices with expanded web based, cloud based and PC based applications and connections all of which demand maintenance and care to keep end users happy and productive.

Companies' technology departments are stretched thin trying to support users with fewer staff while also directed to squeeze every cent out of every IT dollar.

End users' web browsing history, downloaded files, temporary files and an explosion of exchanged contacts, applications, documents and forms slow down machines, fill hard drives while also jeopardizing company's security exposing sensitive corporate and personal information buried on hard drives and seemingly deleted files that are easily recovered by anyone with an interest and the right tools.

Previous Options

In the past, companies' opportunity to optimize PC performance occurred when individuals PCs were hand delivered to the Help Desk or when PCs were recycled for new employees. Some users, frustrated with sluggish PC performance and ever-growing PC start-up times would take matters into their own hands – regardless, the procedures required to keep PC's running at optimum performance were performed sporadically or not at all.

Piriform's CCN Solution

Piriform delivers solutions that keep all of a company's PCs running at optimal levels by making the machines Clean, Safe and Fast.

Piriform's CCleaner Network Edition (CCN) is the network enabled version of the hugely popular and award-winning CCleaner system optimization tool.

Install the CCN Admin Client on an IT Administrator's computer and they can remotely deploy the User Client across the entire network. Allowing them to clean and optimize all the computers in your company's network from a single location - without having to visit each individual machine.

CLEAN

Healthy PCs Lower Costs

"A well managed desktop can save money creating - a 42% savings for a well-managed desktop and laptop compared with an unmanaged one."
Gartner, Inc

- » CCN Increases hardware ROI: clean computers run faster for longer, extending hardware upgrade cycle
- » CCN Registry Cleaning enables remote cleaning and removal of registry errors for all machines on your network



Problems Associated With the Registry

PC registries are prone to collecting redundant and corrupted entries.

Some major signs of trouble include constant computer system crashes, stalls, and even massive slowing of computer processes. In some cases, systems may inexplicably lose programs and files.

Every Windows system's backbone is its registry. So, maintaining the registry becomes important to avoid performance and operations problems.

Did You Know...?

Spyware can leave behind keys in your system registry that may not be removed by all anti-spyware software. This is why some pop-ups and other spyware activities will persist on your computer after a system reboot.

SAFE

One software firm's recent test results indicate that at least 76% of Internet users are vulnerable to history detection.

- » Fraud prevention: CCN cleans Internet history preventing identity theft and fraud. With end users increased use of browser based and cloud based applications the threat of internet browsing history vulnerability grows potentially exposing company and user passwords, confidential and sensitive information.

Any software or even a website could secretly look at your browser's history to see what sites you had previously visited.

The time to prevent this clear threat to personal privacy is now.



Reduced Risk Exposure + Cost Avoidance

- » Security: CCN securely deletes files using military-grade techniques to make sure confidential documents can never be recovered

Highlighted below are some of the more common first party costs typically covered with such policies.

1. Forensic Costs

These are the costs incurred to accountants, computer technicians and attorneys for identifying security breaches and exposed confidential data and subsequent client and third party notification: \$50,000 - \$100,000 for a small breach.

2. Notification Costs

Costs associated with notifying all parties affected by a security breach. \$7.00 to \$15.00 per record.

3. Credit Monitoring

Most states require that if readily identifiable private information such as social security numbers, birthdates or similar information is disclosed that such parties have to be offered credit monitoring services for up to one year. The cost of this can cost from \$9.00 to \$25.00 per record.

4. Marketing costs

Data breaches harm a company's reputation and can cause irreparable harm. Repairing the company's reputation, rebuilding confidence and trust can cost from \$20,000 to millions depending on the size of company and extent of the breach.

5. Data recovery

A breach can be caused accidentally by disclosing information or as a result of a malicious attack. Companies incur costs to rebuild data and restore systems to their pre breach status.

FAST

- » Faster Internet browsing: enables efficient use of web apps, net-based tools
End users are more dependent on web based applications, spending more and more time accessing applications and information via browsers. Browser activity, histories, temporary files and downloads accumulate files and slow performance.

CCN centrally cleans and optimizes end users PCs resulting in dramatically faster boot times, faster web navigation and faster page loads. CCN increases user productivity and improves the end user experience reducing help desk calls and reducing demand to upgrade/replace PCs.



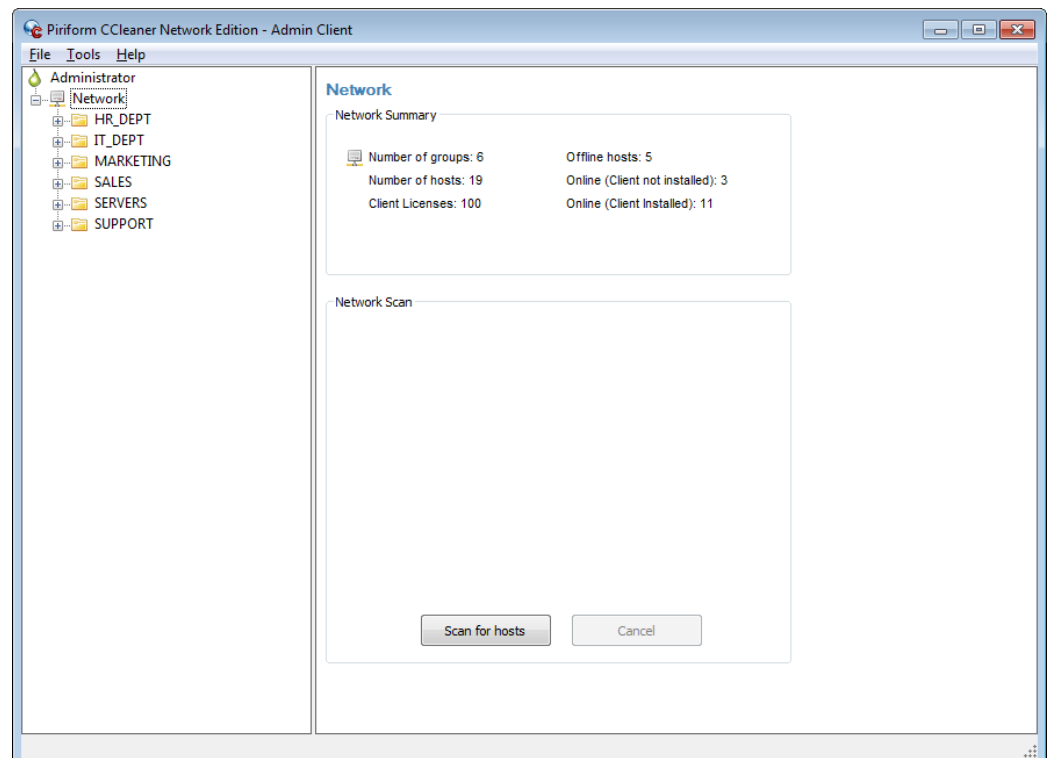
Piriform CCleaner Network Edition Implementation

CCN is the network enabled version of the hugely popular and award-winning CCleaner system optimization tool. Install the CCN Admin Client on an IT Administrator's computer and they can remotely deploy the User Client across the entire network. Allowing them to clean and optimize all the computers in your company's network from a single location - without having to visit each individual machine.

Product Features: CCN Admin Client

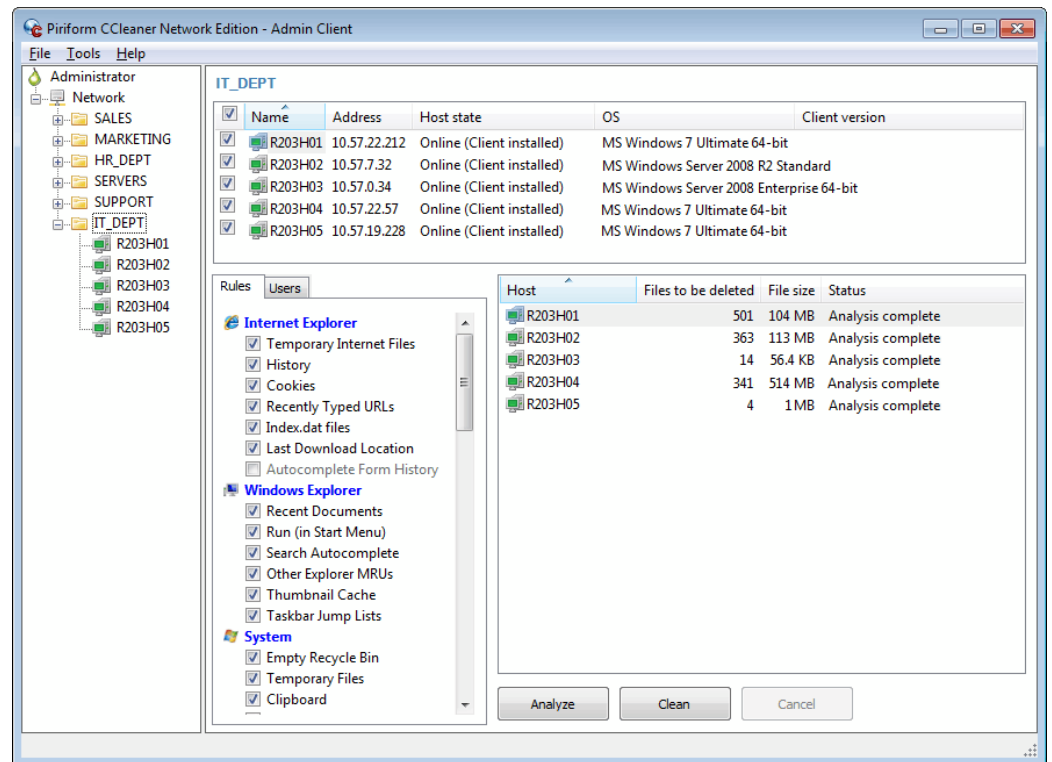
- » Scan your entire network from a single computer
- » Optimize single or multiple computers at once
- » Organize the computers into groups
- » Customize settings per computer, workgroup or domain
- » Support for small or enterprise networks

Remote Management: no need to physically visit each computer





Customizable: tailors cleaning for your business, even add your own rules



What does cleaning do?

CCN cleans and optimizes all areas of your computers, including Internet browsers and the Registry, fixing problems and freeing up valuable hard-disk space.

CCleaner Network Edition (CCN) Functionality

Application Cleaning Support

CCN supports cleaning and optimizing all areas of Windows as well as third-party components. These include:

- » **Windows:** Recycle Bin, Temporary Files, Recent Document History, Log files, Clipboard, Memory Dumps, Error Reporting Data, Broken Shortcuts, and many more
- » **Internet Explorer:** Temporary Internet Files, History, Cookies, Recent URLs, Form History, Autocomplete data
- » **Other Browsers:** Full support for all versions of Google Chrome, Firefox, Opera, Safari. Additional support for older browsers, such as Netscape.
- » **Browser Plugins:** Flash, Silverlight, Adobe Reader
- » **Other Applications:** Microsoft Office, Adobe Acrobat and more than 200 other applications



System Requirements

- » **Workstations: Windows 7, Vista and XP.**
- » **Servers: Windows 2008 RC2, 2008 and 2003.**
(It supports both 32-bit and 64-bit versions.)
- » **Hard disk space: 5MB free**
- » **RAM requirements: At least 128MB installer memory**
- » **Supports small and enterprise TCP/IP based Windows networks**

Summary

- » CCN Increases hardware ROI: clean computers run faster for longer, extending hardware upgrade cycle
- » CCN Registry Cleaning enables remote cleaning and removal of registry errors for all machines on your network
- » Faster Internet browsing: enables efficient use of web apps, net-based tools
- » Fraud prevention: CCN cleans Internet history preventing identity theft and fraud
- » Security: CCN securely deletes files using military-grade techniques to make sure confidential documents can never be recovered

References

1. **Cost Optimization: Re-evaluating Your PC Hardware Replacement Strategies | 27 March 2009 | Gartner ID: G00166285**
2. **Cost Optimization: Re-evaluating Your PC Hardware Replacement Strategies | 27 March 2009 | Gartner ID: G00166285**
3. **How to Reduce Your PC TCO 30% in 2011 | 20 March 2009 | Gartner ID: G00166195**
4. **Using Total Cost of Ownership to Determine Optimal PC Refresh Lifecycles | Wipro Consulting Limited | January 2010**
5. **'Users can spend up to 30 minutes every day just waiting for their PC's to load or reboot' Find and Fix the Issues That Are Slowing Your Boot Process | 17 September 2009 | Gartner ID: G00169743**