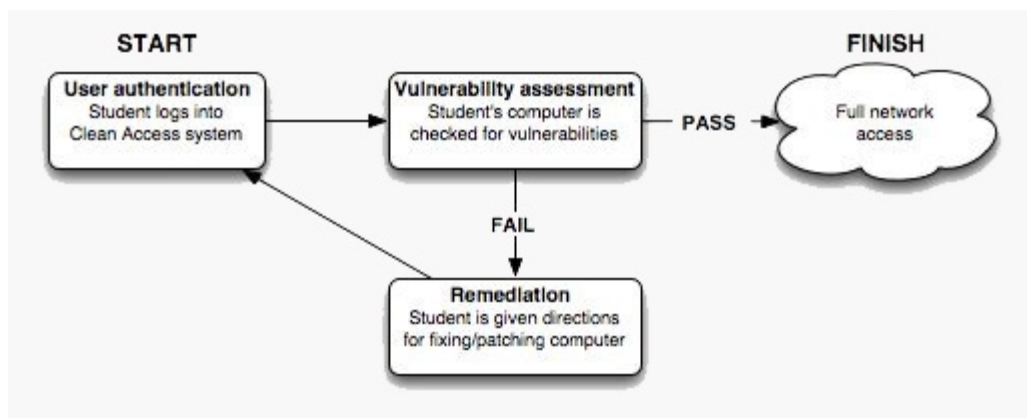


Cisco Clean Access

To help protect our users and our campus network from unwanted viruses and other dangerous computer and network attacks, Delta State University has implemented a new security system called “Clean Access”. This system is designed to ensure computer systems using the campus network meet the University's computer security requirements. Computer systems not meeting the requirements will only have limited network access. These measures will ensure a safer, faster and more reliable network. Presently, this is only required for connectivity to Delta State’s wireless network, OKRAnet.



Cisco Clean Access FAQ

What is Clean Access?

Clean Access allows the University to ensure network users are safe to be on the network. With recent virus outbreaks, computers which are not patched or do not run virus scan are at risk of infecting others and disrupting network services. Initially when logging on through a Clean Access protected network, each computer is scanned for viruses and possible security holes.

Until you log in, you will have limited network access. After you log in, you will be able to access all network services, but the Clean Access Agent will remain behind the scenes protecting the network. If at any time your machine is identified as being infected with a virus or vulnerable to new threats, you may be isolated again and required to fix the problems to prevent infecting others.

Clean access is a solution provided by Cisco, Inc. that performs network validation. The software performs the following functions:

- Require authentication to the network
- Validate whether the system connecting to the network meets the minimum security standards.
- Quarantines the system until it meets the minimum security standards.
- Provides access to the remediation sites. Once the system is validated as “clean,” allows access to the network.

Clean Access Agent is a small program that runs on your PC. It is currently required only for systems running Microsoft Windows 98 SE, ME, 2000, XP, or Mac OS X . Whenever you access the Internet through the campus network, Clean Access Agent will run. It will ask you for your OKRAnet user-id and password. (This is your 900 number if you are a student or your Active Directory login if you are an employee.) Your PC will be scanned for the latest operating system (OS) updates and the newest virus definitions. If you're not up-to-date, your PC will be in a 'Temporary' mode. It will have 20 minutes to get to the websites it needs to bring itself up to the University security standards, such as [Windows Update](#) and antivirus web sites but access to the local OKRAnet network will be limited. Once your PC is up-to-date, re-run Clean Access Agent and you'll be surfing the web safely will full access to all Truman resources.

What does this mean to me?

It means that you'll now be more protected from threats such as viruses and internet worms. If you have not updated your Windows patches and installed antivirus software then Clean Access will ensure you install these required security components before you are allowed to use the campus network.

What does Clean Access Agent look at?

The only files Clean Access Agent looks at on your PC are OS files and anti-virus files. It doesn't look at pictures, music files, or your last term paper. It doesn't care about those things, and neither do we. We just want your PC to be up-to-date and "play nice" on the network.

Anti-virus software is required? I'm not paying for that!

Good! Delta State University will forward you to a free Anti-Virus application from Grisoft. Just download the free version of AVG, install and update. Or, just go to <http://free.grisoft.com> to get your copy. Of course, if you already have anti-virus software all you'll need to do is keep the virus definition files current. We do strongly recommend you use the **FREE** AVG Antivirus or employee based McAfee software the University provides.

Why Are We Introducing this Solution Now?

Each semester, student machines are introduced to the campus that potentially contain harmful viruses and malware. Worms and viruses attempt to spread to un-patched/vulnerable machines usually without users even knowing about their presence. It's been determined that the best way to prevent this from happening is to insure that virus software and Operating System critical update/patches are current and maintained **BEFORE** allowing computer systems to access the campus wireless OKRAnet network.

What is the Clean Access Agent?

Clean Access Agent is the client application that can check certain security settings on computers to make sure that the system is up-to-date with required security patches and report this status to the Clean Access Server. **No information about the user or the content of user files is sent to the server.** Each user must use Clean Access Agent for his/her Microsoft Windows PC in order to authenticate and use the university wireless network.

What Validation Checks are Being Performed?

The Agent will ensure machines running Microsoft Windows have Critical Updates installed and that antivirus software is installed, running and up-to-date.

How Long Do the Validation Checks Take?

It depends on how protected your computer is. If you have your most recent virus definitions as well as windows updates, you should sail on through with no action needed. If, however your computer requires those actions to obtain protected status, it could take a significant amount of time.

Isn't this heavy handed?

We take seriously our responsibility to protect our users from the dangers that exist in today's computing environment. The internet is filled with malicious code that can infiltrate user's computers in various ways. Spyware, viruses, internet worms, are all examples of malicious code which can be used to steal personal information such as online banking account information, credit card information, personal records such as social security numbers, etc. Identity theft is the fastest growing crime in America today and the numbers are both staggering and disturbing. For more information on the fastest growing crime in America visit <http://www.consumer.gov/idtheft/>. While the Clean Access solution requires some initial effort on the part of our users we believe it will improve the network experience overall and save users countless hours in the long run.

Why do I need the Clean Access Agent?

It is not possible to remotely check your computer to make sure it has all security patches and antivirus updates. By running on your computer, the Clean Access Agent can check your computer and report back to the Clean Access server.

What does the Clean Access Agent do?

The Clean Access Agent is the client application that can check certain security settings on any Microsoft Windows PC to make sure that the system is up-to-date with required security patches and report this status to the Clean Access Server. **No information about the user or the content of user files is sent to the server.** Each user must use Clean Access Agent for his/her computer in order to authenticate and use the university network.

The software performs the following functions:

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What antivirus software is required?

Delta State provides McAfee antivirus software for all employee based machines and the option to install AVG anti-virus to all students. Students with current and up-to-date copies of other antivirus packages are also considered valid but the Help Desk can only troubleshoot validation issues for McAfee Antivirus.

How do I download Cisco Clean Access?

Once you are in range of our wireless network, connect to wireless network / SSID "OKRAnet". Just open your Internet browser (i.e., Internet Explorer, Firefox, etc.) and you'll be redirected to our registration page where you can download the program.

I have a Macintosh computer...how will this affect me?

Simply login via your web browser weekly to connect.

Macintosh users: If you have already followed our instructions for Mac connectivity, just login weekly.

Does Cisco Clean Access have spyware in it?

No. The Office of Information Technology is using Clean Access to enforce our security policies to better protect everyone on the campus network and nothing else! The Clean Access agent is not used to monitor your network traffic, block any software applications, or read or access any files or data on your computer's hard drive.