



PC Protection

Protection

- A locked car
- In a garage
- On blocks
- May be pretty safe from getting in an accident.

Protection

Protection is a compromise between

- Safety
- Function

What do you need to Protect?

- Traffic from the Internet to your PC
- The stuff on your PC

Internet Traffic

- Anti-Virus Software
- Anti-Malware Software
- Secured Connection

Internet Traffic

- Anti-Virus Software
 - Very important
 - Scan emails if you use a local client
 - Outlook Express, etc.

Internet Traffic

- Anti-Malware Software
 - not necessarily a hazard, more a pain
 - enough malware can slow your PC

Internet Traffic

- Secured Connection
 - Important when doing financial transactions
 - Look for the “lock”

Internet Traffic

The screenshot shows a Windows Internet Explorer browser window with the following details:

- Address Bar:** https://webmailcluster.perfora.net/xml/webmail/mailFolder.jsessionid=4DE6E3E63405600C9058DD9445E9B4AC.TC135a?_reuse=12541391
- Page Title:** 1&1 WebMail
- User:** You are logged in as: alvin@dmbruss.com
- Navigation:** Home, Mailbox, Address Book, Settings, Help
- Mailbox Summary:**

Folder	New
Mailbox	
Inbox	2
Drafts	
Sent	
Spam	7440
Trash	4792
Deleted Items	
Junk E-mail	22
Sent Items	
- Email List Table:**

Folder	New	From	Subject	Date	Size
		Century 21	RE: Nicaragua - The Investment Opportunity of a Lifetime	09/28/2009 08:52 AM	249 KB
		Autolinsurance	Online quotes on car insurance	09/28/2009 08:46 AM	9 KB
		Office of Admissions	Good salary, flexible hours, and lots of opportunities in Education	09/28/2009 12:05 PM	10 KB
		Premium Offers	500 business cards for 5 bucks, plus a free bc holder!	09/28/2009 08:34 AM	309 KB
		Mary Woodard	Dale, start an HR job today	09/28/2009 08:10 AM	3 KB
		Home Improvement	Sears Siding: NO painting, LOW maintenance!	09/28/2009 09:33 AM	365 KB
		Mr. X	Meet the Famous Mr. X	09/28/2009 08:37 AM	279 KB
		HumanResourceTraining	Connect to HR careers	09/28/2009 08:33 AM	21 KB
		Sleep Again Tonight	15 Days Money Back Guarantee	09/28/2009 07:13 AM	4 KB
		Freshen Up Your Bathroom	Save on bathroom renovation	09/28/2009 03:03 PM	2 KB
		Learn to Trust God	Re: Get Back On Your Chosen Path - Christian Debt Trust is here to help.	09/28/2009 08:11 AM	17 KB
		CookingSchool	Uncover world cuisines	09/28/2009 08:11 AM	10 KB
		Spyware Removal	Remove spyware once and for all.	09/28/2009 07:01 AM	15 KB
		Carla Davis	You are Hired!, 250/day. You could start this week?	09/28/2009 07:08 AM	4 KB
		eLife Policy	Could You Get Instant Term Life Coverage?	09/28/2009 07:08 AM	3 KB
		Dish Network	Finals days, Dish Network for only \$19.99/mo. Free HD DVR Upgrade	09/28/2009 07:08 AM	4 KB
		The Water Jet	Tired of lugging out that heavy power washer?	09/28/2009 07:02 AM	9 KB
		HealthyLivingNetwork.com	The Only Heart-Health Supplement You'll Need...	09/28/2009 06:59 AM	9 KB
		Great STORE GIVEAWAY	SHOP at Target ON Us!	09/28/2009 07:51 AM	8 KB
		Create Beautiful Art	Start your art training and express your creativity fully	09/28/2009 07:51 AM	64 KB
		Teeth Whitening	Don't Pay a Dentist to Whiten Your Teeth	09/28/2009 06:42 AM	7 KB
		TermFinder	Term life insurance approved online in minutes	09/28/2009 06:39 AM	4 KB
		Resolution Center	Your paypal account access has been limited	09/28/2009 08:36 PM	2 KB

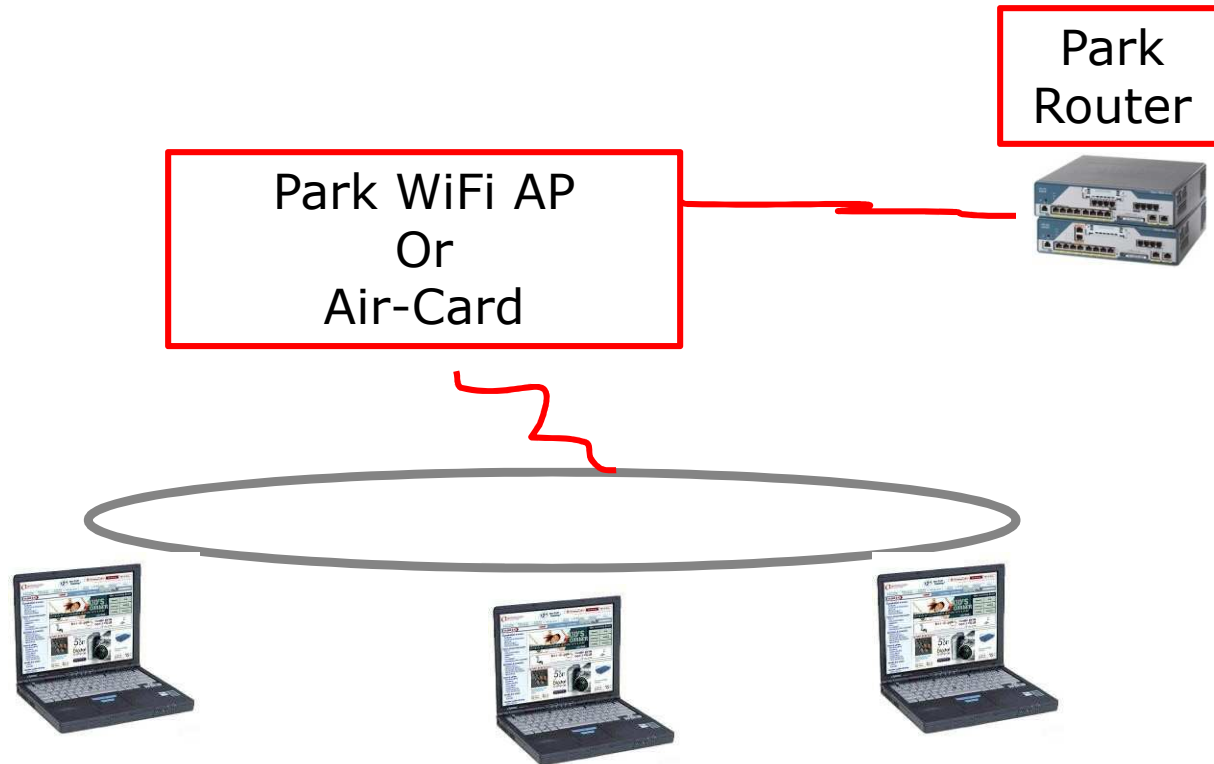
Internet Traffic

The screenshot shows a Mozilla Firefox browser window with the URL https://webmailcluster.perfora.net/xml/webmail/mailFolder.jsessionid=15A859EE13DC633EB978DA40C9979947.TC135a?_frat. The browser's address bar shows the URL and the search engine is set to Bing. The browser's toolbar includes a search bar and various icons. The browser's tabs show "DRUDGE REPORT 2009" and "Mail Folder".

The WebMail interface is displayed, showing the user is logged in as `alvin@dmb Bruss.com`. The interface includes a navigation menu with "Home", "Mailbox", "Address Book", "Settings", and "Help". The main content area shows a list of 7440 spam emails in the "Spam" folder. The list is sorted by date and size. A red arrow points to the bottom right of the email list.

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Mailbox		Century 21	RE: Nicaragua - The Investment Opportunity of a Lifetime	09/28/2009 08:52 AM	249 KB
Inbox	2	Autoinsurance	Online quotes on car insurance	09/28/2009 08:46 AM	9 KB
Drafts		Office of Admissions	Good salary, flexible hours, and lots of opportunities in Education	09/28/2009 12:05 PM	10 KB
Sent		Premium Offers	500 business cards for 5 bucks, plus a free bc holder!	09/28/2009 08:34 AM	309 KB
Spam	7440	Mary Woodard	Dale, start an HR job today	09/28/2009 08:10 AM	3 KB
Trash	4792	Home Improvement	Sears Siding: NO painting, LOW maintenance!	09/28/2009 09:33 AM	365 KB
Deleted Items		Mr. X	Meet the Famous Mr. X	09/28/2009 08:37 AM	279 KB
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		Cash4Gold	Get more cash for your gold	09/28/2009 07:35 AM	7 KB

Protect Your Stuff on Your PC



On a Wi-Fi or Air-Card link, you are sharing a loop.
PCs on a loop can access each other.

Protect Your Stuff

- Turn on a firewall
 - Main job, keeps unwanted traffic from coming into your PC
 - Can keep traffic from malware leaving your PC

Protect Your Stuff

- If you have only one PC
 - Don't turn on file sharing
 - It is very hard for someone to access your data if file sharing is not enabled

Protect Your Stuff

- If you share files between your PCs
 - Unless you are behind your own router, the firewall will be compromised
 - Your own router will permit access by your PCs and not anybody else.

Discussion