



# **The WorldWide WarDrive 4**

[www.worldwidewardrive.org](http://www.worldwidewardrive.org)

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The WorldWide WarDrive is an effort by security professionals and hobbyists to generate awareness of the need by individual users and companies to secure their access points.



The goal of the WorldWide WarDrive (or WWWD) is to provide a statistical analysis of the many access points that are currently deployed.

The WorldWide WarDrive provides a snapshot of the security posture of currently deployed access points throughout the world.



We feel that many end users are not aware that the factory or "default" settings on Access Points do not take any security measures into account. By providing these statistics we hope that end users will become aware of the need to take simple measures to secure their access points.

We provide free information on how to secure these access points on our website.



# The First WorldWide WarDrive

The First WorldWide WarDrive took place between 31 August and 7 September 2002. Approximately 100 people participated in 22 areas. 6 Countries and 2 Continents were represented.



## The First WorldWide WarDrive

CATEGORY	TOTAL	PERCENT
TOTAL APs FOUND	9374	100
WEP Enabled	2825	30.13
No WEP Enabled	6549	69.86
Default SSID	2768	29.53
Default SSID and No WEP	2497	26.64
Unique SSIDs	3672	39.17
Most Common SSID	1778	18.97
Second Most Common SSID	623	6.65



# The Second WorldWide WarDrive

The Second WorldWide WarDrive took place between 26 October and 2 November 2002. Approximately 200 people participated in 32 areas. 7 Countries and 4 Continents were represented.



## The Second WorldWide WarDrive

CATEGORY	TOTAL	PERCENT	PERCENT CHANGE
TOTAL APs FOUND	24958	100	+62.5
WEP Enabled	6970	27.92	-2.21
No WEP Enabled	17988	72.07	+2.21
Default SSID	8802	35.27	+5.74
Default SSID and No WEP	7847	31.44	+4.8
Most Common SSID	5310	21.28	+2.31
Second Most Common SSID	2048	8.21	+1.56





# The Third WorldWide WarDrive

The Third WorldWide Wardrive took place from June 28 – July 5 2003. Approximately 300 people in 52 areas participated. 11 countries and 4 continents were represented.



## The Third WorldWide WarDrive

CATEGORY	TOTAL	PERCENT	PERCENT CHANGE
TOTAL APs FOUND	88122	100	+71.68
WEP Enabled	28427	32.26	+4.34
No WEP Enabled	59695	67.74	-4.34
Default SSID	24525	27.83	-7.44
Default SSID and No WEP	21822	24.76	-6.68



# The Fourth WorldWide WarDrive

The Fourth WorldWide Wardrive took place from June 12 – 19 2004. Approximately 600 people participated. 17 countries and 4 continents were represented. Participants logged access points in 41 of the 50 states.



CATEGORY	TOTAL	PERCENT	PERCENT CHANGE
TOTAL APs FOUND	228537	100	+
WEP Enabled	87647	38.30	+6.04
No WEP Enabled	140890	61.60	-6.04
Default SSID	71805	31.40	+3.57
Default SSID and No WEP	62859	27.50	+2.74

NOTE: These numbers will likely decrease after final analysis. Correct numbers are in the live presentation slides.



# Changes Since WWWD1

CATEGORY	WWWD 1	WWWD 4	PERCENT CHANGE
TOTAL APs FOUND	9374	228537	N/A
WEP Enabled	30.13	38.30	+8.17
No WEP Enabled	69.86	61.60	-8.26
Default SSID	29.53	31.40	+1.87
Default SSID and No WEP	26.64	27.50	+0.86



# In the Last Year?

CATEGORY	WWWD 3	WWWD 4	PERCENT CHANGE
TOTAL APs FOUND	88122	228537	N/A
WEP Enabled	32.26	38.30	+6.04
No WEP Enabled	67.74	61.60	-6.04
Default SSID	27.83	31.40	+3.57
Default SSID and No WEP	24.46	27.50	+2.74



# What Do These Numbers Mean?

There has been a steady increase in the percentage of Access Points deployed with some form of encryption enabled.

While this is a good thing, the percentage of access points deployed with completely default settings (No Encryption AND Default SSID) has also increased.

It appears that the message is getting out to some, but with the rise in popularity of Wireless Networking, new users are still deploying their networks in default configuration. We still have a lot of work to do to get this message out!