

Making IT Happen
Heartland Technology Solutions

[Services](#) | [Solutions](#) | [Education](#) | [Design](#) | [Precision Ag](#) | [Strategic Partners](#) | [Inside HTS](#) | [Press Room](#) | [Home](#)

+ OFFICE LOCATIONS

IOWA
Harlan
712-744-3619
Ames
515-233-4807

KANSAS
Wichita
316-263-4442
Newton
316-263-0206
Hutchinson
620-865-3750

MISSOURI
Joplin
417-623-5553

OKLAHOMA
Muskogee
918-687-3161

+ COMPANY NEWSLETTER

Sign up for our newsletter

+ EMAIL US

[Click Here](#)

E-Newsletter Login

Please enter your login and password information provided to you by HTS. If you have any problems, please email info@heartlandtechnologies.com

Once you login successfully, there are further instructions available on the top of the article database page.

Login Version: 3.06

Login

Password

Keep Login Details

Send my Password

[LOGIN >>](#)

Log in using the username and password that will be provided to you.

Making IT Happen
Heartland Technology Solutions

[Technical Services](#) | [Business Solutions](#) | [Design Services](#) | [Precision Ag Solutions](#) | [Strategic Partners](#) | [Online Store](#) | [HTS Team](#) | [Press Room](#) | [Home](#)

+ E-NEWSLETTER STORE

[Articles Home](#)

[Review Selections](#)

[Review Past Selections](#)

+ CUSTOMER SERVICE

Harlan
712-744-3619
Joplin
417-623-5553
Ames
515-233-4807
[Email](#)

E-Newsletter Articles

NOVEMBER CARTOON



To view an article, click the "view article" link and the article will open in another window to review. After viewing each article, you may close the browser window and then order the article using the button under the view link. You will get a confirmation after ordering each article. After you are finished ordering, please go to the review selections link on the left. After you have reviewed your selections, please be sure to click the "finalize selection" button to finish the process. You can also review your past selections by clicking the link on the left.

The cartoon on the right is available for use during the current month. If you would like to use this in your monthly e-newsletter, please let us know by placing a note in the comments section of the article ordering page.

Show All Filter Selection

<p>Security</p> <p>10/31/2006 Date Added</p>	<p>Whats on the Threat Landscape?</p> <p style="text-align: right;">view article</p> <p style="text-align: center;">Order Article</p> <p style="text-align: right; color: red; font-weight: bold; font-size: small;">Press this button to order an article</p>	
<p>Security</p> <p>10/31/2006 Date Added</p>	<p>Regulatory Compliance and Small Business</p> <p style="text-align: right;">view article</p> <p style="text-align: center;">Order Article</p>	

This is the first page you will see when you log in.

The most recently added articles will appear first if you don't filter your selection.

You can also filter based on topics.

What's on the Threat Landscape?

Find out what's happening in today's security threat landscape and what measures you can take to protect your business from these threats.



The tenth volume of the Symantec Internet Security Threat Report was released in September 2006 and discusses the threat environment from January 1 to June 30, 2006. Each Report provides a comprehensive view of the Internet threat environment for a six month period, and is a culmination of analysis based on data collected by 1,600 dedicated security analysts around the world. Learning about the threat landscape is important, because it arms you with the knowledge you need to protect your business.

The Threat Landscape

According to the Report, the threat landscape has shifted from widespread and unfocused Internet worms to targeted attacks aimed at specific companies, with the intent of gathering confidential data for the purpose of fraud and criminal activity. The Report also revealed that cybercriminals tended to focus on targeting client-side applications in the first six months of 2006. Here are some additional Report findings.

Top targeted sectors

The Threat Report breaks down targeted attacks by sector, resulting in a total of ten separate sectors. According to the latest Report, the small business sector was the most targeted sector between January 1 and June 30, 2006. In the six months prior to that period, the small business sector was the fourth most targeted sector. This positive change may be a reflection of increased security measures, and continued progress in security technology implementation by small businesses may help this sector maintain its more secure status.

Browser attacks

Microsoft Internet Explorer, the most widely deployed browser worldwide, was also the most frequently targeted Web browser, accounting for 47% of all Web browser attacks.

Bot networks

A bot network is comprised of a group of bot-controlled systems, programs that hackers install on systems without the knowledge of users. Once hackers are able to gain remote control of computers, they use this access to generate large-scale attacks. According to the latest Report, the U.S. had 42% of bot command-and-control computers, the highest worldwide.

Worms dominate

In the first six months of 2006, worms continued to dominate the top 50 malicious code reports. They made up 38 of the top 50 unique malicious code samples, accounting for 75% of the volume of top 50 malicious code reports between January 1 and June 30, 2006. This is an increase of over 60% in the previous period and 24% in the first half of 2005.

Exposed information

Threats that expose confidential information pose a risk to small businesses. Confidential files and documents, proprietary information, intellectual property, and customer account information are all at risk of theft. The latest Report shows an increase of ten more malicious code samples that exposed confidential user information from the previous six month period, bringing the total to 30.

Recommendations

The Report indicates some key practices for small businesses to follow to remain protected against today's threats. These include:

- **Update virus definitions:** Keep virus definitions updated regularly. By deploying the latest virus definitions, you can protect your computers against the latest viruses known to be spreading "in the wild."
- **Stay on top of patches:** Ensure that security patches are up-to-date and that they are applied to all vulnerable applications in a timely manner.
- **Layer security:** Employ multiple, overlapping, and mutually supportive security solutions to guard against single-point failures in any specific technology or protection method. This should include the deployment of regularly updated antivirus, firewalls, intrusion detection, and intrusion protection systems on client systems. It is more important than ever before for individual machines to have antivirus protection. With the increased use of laptops and computing devices that connect to company firewalls, these devices can potentially infect all other machines since they are now inside the firewall.
- **Be educated and aware:** You and your employees are the first line of defense, so be aware of your role in security. First, make sure to use passwords that are a mix of letters and numbers and change them often. Second, never open an attachment in an email unless it comes from a trusted source, and never execute software that is downloaded from the Internet unless it has been scanned for viruses. You should also use caution when browsing the Internet, including scrutinizing all end-user license agreements (EULAs) before clicking the "I accept" button.

Conclusion

The latest Symantec Internet Security Threat Report found that attackers have begun to adopt new techniques, resulting in more targeted malicious code and targeted attacks aimed at client-side applications such as Web browsers, email clients, and other applications. If your business relies on these applications to conduct business, it cannot afford to run the risk of an attack. The Report outlines the threats you need to know about, as well as best practices you can follow to address the risks.

from Symantec

+ E-NEWSLETTER STORE

- Articles Home
- Review Selections 
- Review Past Selections

+ CUSTOMER SERVICE

Harlan
712-744-3619
Joplin
417-623-5553
Ames
515-233-4807
Email

When you are finished making your selections, press the Review Selections button to finalize your order.

E-Newsletter Articles

NOVEMBER CARTOON

To view an article, click the "view article" link and the article will open in another window to review. After viewing each article, you may close the browser window and then order the article using the button under the view link. You will get a confirmation after ordering each article. After you are finished ordering, please go to the review selections link on the left. After you have reviewed your selections, please be sure to click the "Finalize selection" button to finish the process. You can also review your past selections by clicking the link on the left.

The cartoon on the right is available for use during the current month. If you would like to use this in your monthly e-newsletter, please let us know by placing a note in the comments section of the article ordering page.



**The Article - Whats on the Threat Landscape? - Has Been Added
Review Selections and Finalize to Complete Your Order**

Show All

Security **Whats on the Threat Landscape?** [view article](#)

10/31/2006
Date Added

Security **Regulatory Compliance and Small Business** [view article](#)

10/31/2006
Date Added

+ E-NEWSLETTER STORE

- Articles Home
- Review Selections
- Review Past Selections

+ CUSTOMER SERVICE

Harlan
712-744-3619
Joplin
417-623-5553
Ames
515-233-4807
Email

E-Newsletter Articles

Whats on the Threat Landscape? [Remove This Article](#)

Regulatory Compliance and Small Business [Remove This Article](#)

Add Any Comments or Special Instructions for your newsletter and click **Finalize Selection**

Type any instructions to the HTS team here.

 *You must click on this button to finish the process!*



Making IT Happen
Heartland Technology Solutions

Microsoft
GOLD CERTIFIED
Partner



IBM
Business Partner

[Technical Services](#) [Business Solutions](#) [Design Services](#) [Precision Ag Solutions](#) [Strategic Partners](#) [Online Store](#) [HTS Team](#) [Press Room](#) [Home](#)

✦ E-NEWSLETTER STORE

[Articles Home](#)
[Review Selections](#)
[Review Past Selections](#)

✦ CUSTOMER SERVICE

Harlan
712-744-3619
Joplin
417-623-5553
Ames
515-233-4807
[Email](#)

Articles you have selected

Whats on the Threat Landscape?
Regulatory Compliance and Small Business

Thank You - Results successfully submitted!
Look For Your Newsletter Soon

When you get this message, the order has been sent and you will hear from us very soon!