

The Survey



OPEN THE GATEFOLD FOR OUR
2008 SURVEY RESULTS

THE GLOBAL STATE OF **INFORMATION SECURITY**

Our annual global survey,
with PricewaterhouseCoopers,
of more than 7,000 senior
executives finds you're
spending more on security.
**But technology doesn't buy
peace of mind.**

BY CAROLYN JOHNSON

THE GLOBAL SECURITY LANDSCAPE

Who Pays for Security?

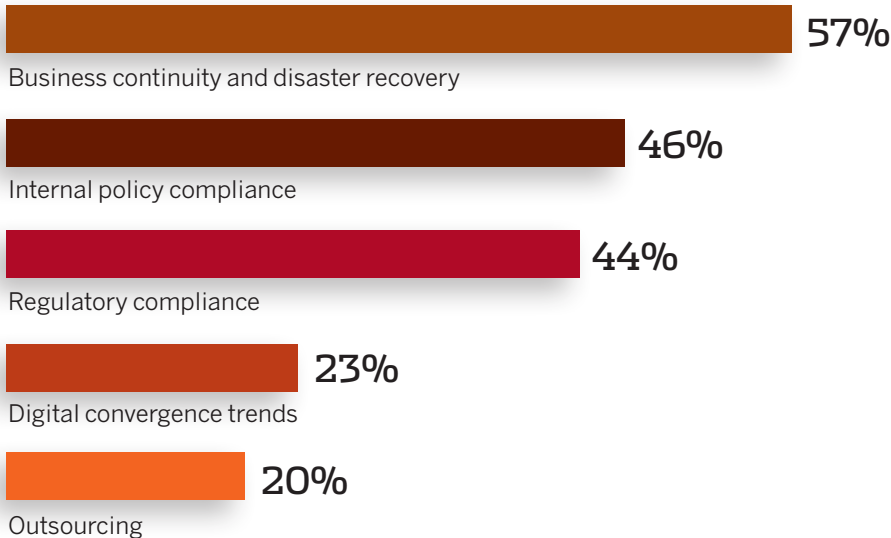
Few companies have dedicated security budgets. IT is still a common source of security money, but funding from business functions is on the rise.

Funding source	2007	2008
Functional budgets	47%	60%
I.T. budget	65%	57%
Security budget	24%	24%

Respondents chose all that apply.

WHY COMPANIES CARE

Business continuity and **compliance** lead the reasons for investing in security



Respondents chose all that apply.

SECURE
THOSE
BLACKBERRYS!
14%
of security incidents in the past year involved devices.

WHO'S IN CHARGE OF INFORMATION SECURITY?

CISOs often report to **more than one executive**. At large companies, one of them is most likely the CIO. Among big companies with CISOs, **44%** report to the CIO, compared to **36%** at mid-market companies.

WE'VE BEEN Hit!

How organizations learn of security incidents:



Respondents chose all that apply.

CIO RESEARCH SURVEY METHODOLOGY The "Global State of Information Security" survey, a worldwide study by CIO, CSO and PricewaterhouseCoopers, was conducted online from March 25, 2008, through May 19, 2008. CIO and CSO print and online customers and clients of PricewaterhouseCoopers from around the globe were invited to take the survey. The results shown in this report are based on responses from 7,097 security and information technology professionals from more than 100 countries. Thirty-nine percent of respondents were from North America, followed by Europe (27%), Asia (17%), South America (15%) and the Middle East and South Africa (2%). The margin of error for this study is +/- 1%.

Leader and Laggard

Financial services companies have adopted security best practices most widely. The consumer-products and retail industries lag the rest.

Practice	Consumer products/Retail	Financial services
Employs a CSO or CISO	43%	83%
Has an information-security strategy	52%	75%
Runs personnel background checks	47%	69%
Involves business and IT decision makers with information security issues	47%	67%
Dedicates staff for employee awareness programs	41%	60%
Provides security baselines for external partners	40%	59%
Has an information security budget	18%	37%

Respondents chose all that apply.

28%

of **consumer products and retail executives** said their company's security spending is **poorly aligned or not aligned with business objectives**, compared with

14%

of **financial services executives**.

What's in Your Toolbox?

With the IT group as a major source of funding for information security projects, technology has become the answer to many security questions. More respondents now have a comprehensive set of IT security tools.

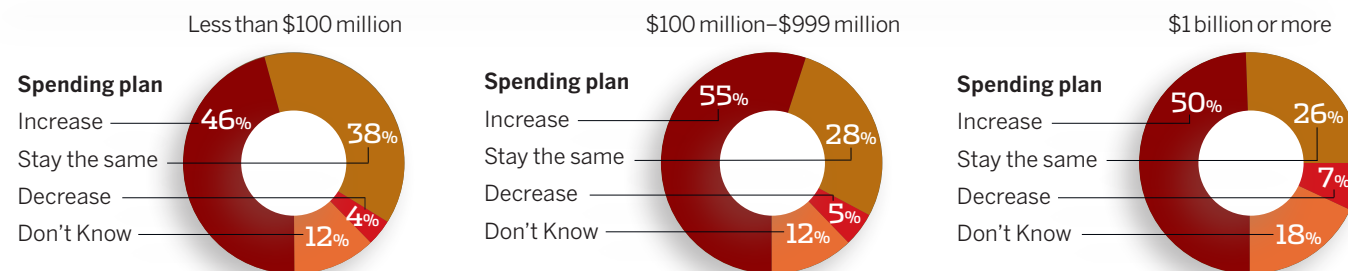
Technology	2007	2008
Malicious-code detection tools	80%	84%
Application-level firewalls	62%	67%
Intrusion detection	59%	63%
Intrusion prevention	52%	62%
Encryption		
Database	45%	55%
Laptop	40%	50%
Backup tape	37%	47%
Automated password reset	40%	45%
Wireless handheld device security	33%	42%

Respondents chose all that apply.

SPENDING MORE

Investment in security is going up, especially in the mid-market. Few are making cuts.

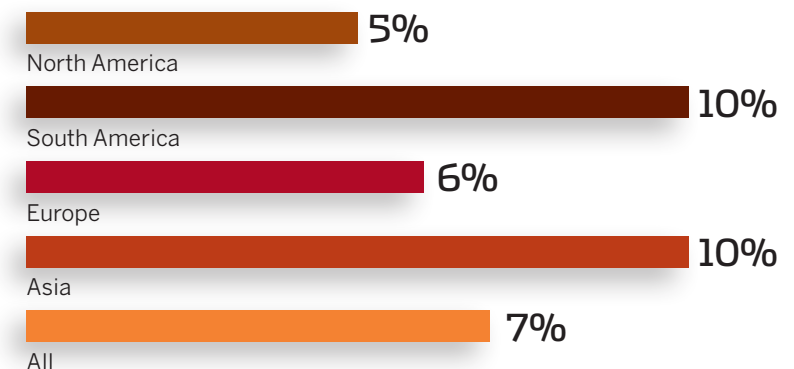
COMPANY REVENUE



Numbers may not add up to 100% due to rounding.

On average, companies in North America plan the smallest increases to their security budgets

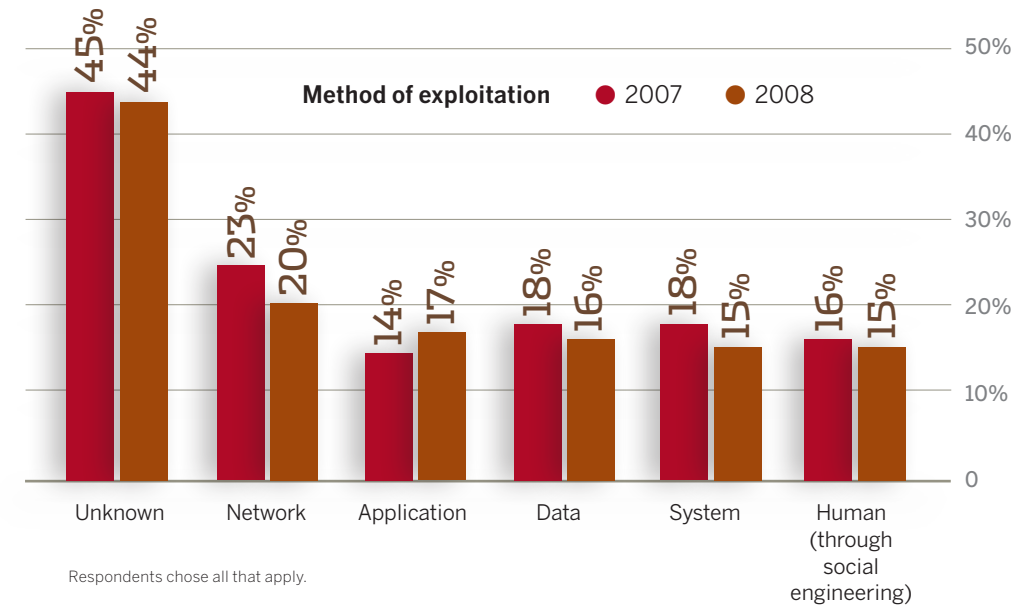
AVERAGE INCREASE



MORE RESULTS ON PAGE 64 →

Ignorance Isn't Bliss, Part 1

Nearly half of respondents can't identify vulnerabilities that led to security incidents



Ignorance Isn't Bliss, Part 2

Employees and former employees together remain the biggest threat. But the source of nearly half of security incidents is unknown.

Source of incident	2007	2008
Unknown	*	42%
Employees	48%	34%
Hackers	41%	28%
Former employees	21%	16%
Business partner	19%	15%
Customer	9%	8%
Other	20%	8%
Terrorist/Foreign government	6%	4%

Respondents chose all that apply.

* Not a choice in 2007

Know Your Weakness

Find out **WHO KNOWS THE MOST ABOUT YOUR SYSTEM VULNERABILITIES** at www.cio.com/article/449694.

CIO.COM