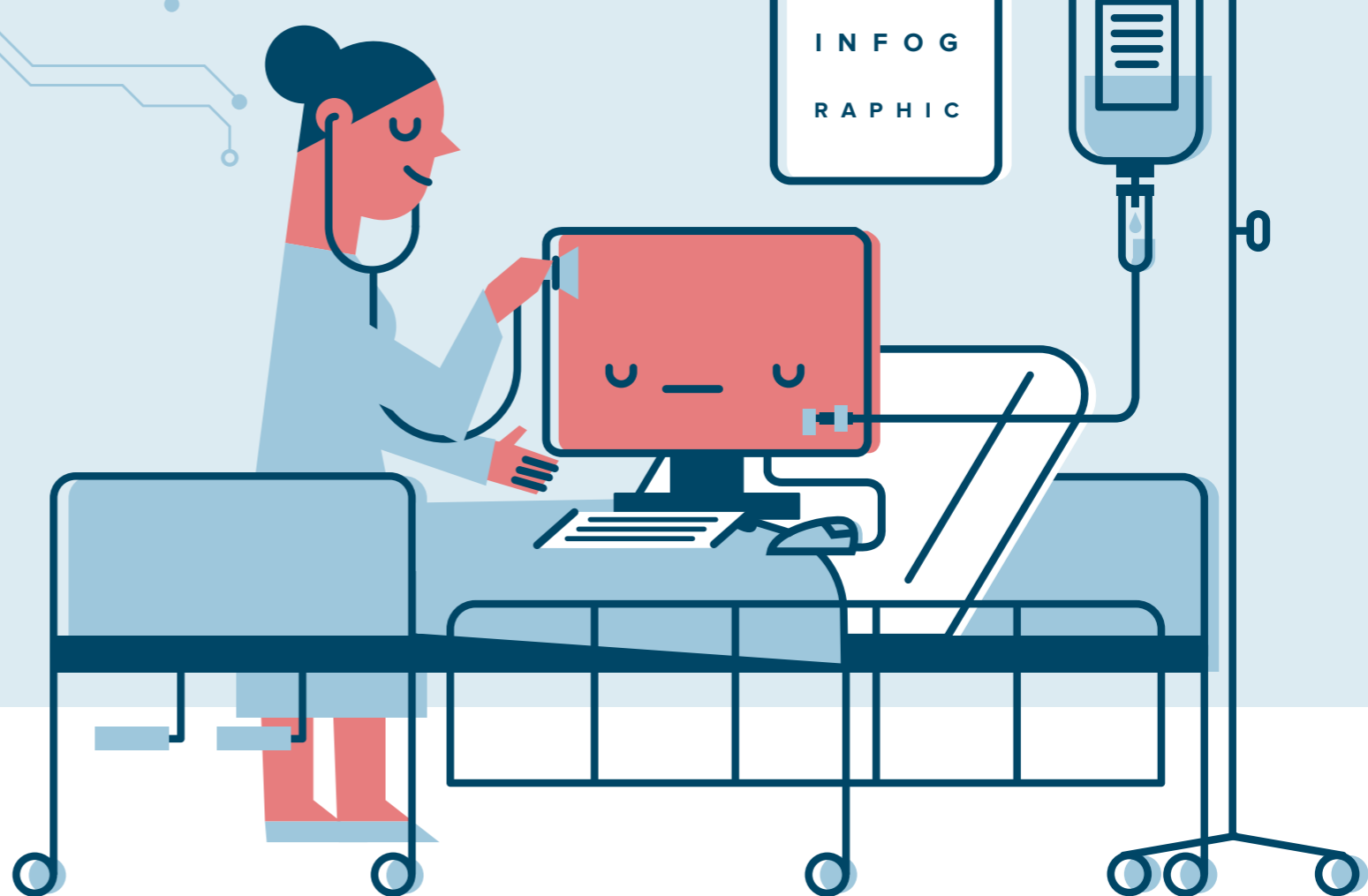


# Healthcare's CYBERSECURITY Check-up

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Here's what the HIT industry reports in 2016



Percentage of providers **elevating cybersecurity** as a business priority during the past year: **85%**

## Top challenges to mitigating cybersecurity risks:

Lack of appropriate cybersecurity personnel

**59%**



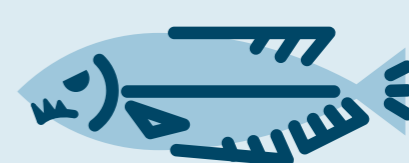
Lack of financial resources

**55%**



## Top reasons motivating providers to increase focus on cybersecurity:

**77%** Phishing attacks



**67%** Virus/Malware



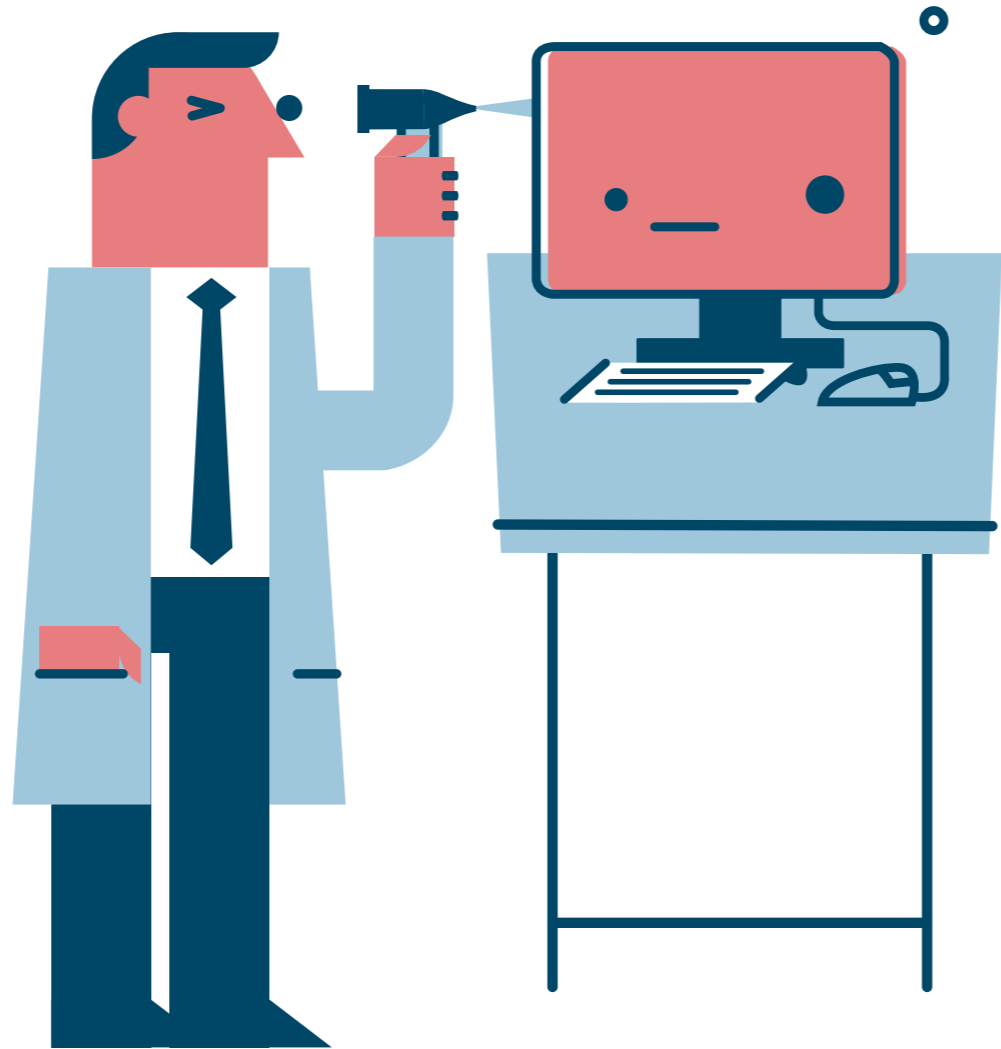
**67%** Results of risk assessment



## Most common reason for attacking health information:

Medical identity theft

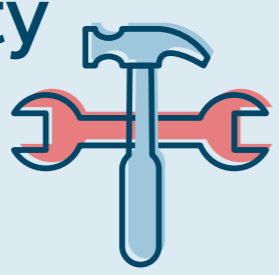
**77%**



## Biggest perceived cybersecurity vulnerabilities for providers:

- 1 Email
- 2 Mobile devices
- 3 Internet of things

## Cybersecurity tools in use:



Data encryption (in transit)

**64%**

Data encryption (at rest)

**59%**

Patch and vulnerability management

**57%**

Intrusion detection systems

**54%**

Multi-factor authentication

**39%**

## Biggest cybersecurity concerns of the future for providers:

Ransomware

**69%**

Phishing attacks

**61%**

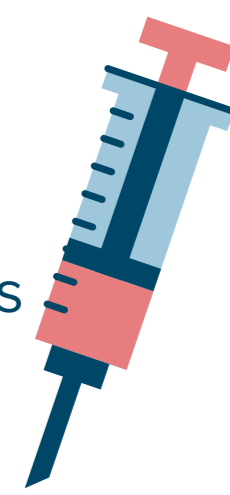
Advanced persistent threat attacks

**61%**

**75%** Brute force attacks

**74%** Exploitation of known software vulnerabilities

**73%** Negligent insider attacks



Threats providers believe they are most able to **detect and protect against:**

The 2016 HIMSS Cybersecurity Survey – sponsored by FairWarning – reflects the responses from information security leaders who report having some degree of responsibility for information security in a U.S.-based healthcare provider organization, such as at hospitals and long-term care facilities. This survey is a follow-up to the inaugural 2015 HIMSS Cybersecurity report and evaluates a broad array of cybersecurity issues with special focus on the responses from acute and non-acute healthcare providers. To access the full survey results, please visit [www.himss.org/hitsecurity](http://www.himss.org/hitsecurity) and follow #HITsecurity.

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