SECURITY FOCUS AND PRIORITIES OF BUSINESSES IN 2017

Benchmark your company and see the cyber security focus areas of other companies this year.
Preventing or limiting threats by malicious insider (28%)

Knowing at all times the general security level of the company IT environment (28%)

Ensuring the capability to recover from successful attacks (28%)

Ensuring security of cloud applications, such as Office 365 and Salesforce (26%)

Ensuring that all software and security patches are handled properly (26%)

Understanding weaknesses and potential vulnerabilities in the company environment (26%)

Ensuring the security of an increasingly diverse pool of devices, services and software (25%)

Minimizing the impact of attacks that have compromised the company network (24%)
CLOUD IS A GROWTH AREA

71% of companies still host IT services and applications internally

- Almost all of our IT applications/services are hosted internally on our organization’s servers.
- More than half of our IT applications/services are hosted internally on our organization’s servers.
- A relatively even mix of cloud-based and internally hosted elements.
- More than half of our IT applications/services are cloud-based or hosted by an external party.
- I don’t know.
- Almost all of our IT applications/services are cloud-based or hosted by an external party.

64% will move more to the cloud in 2017

The bigger the company size, the more their cloud usage will increase:

- 25-199 employees = 55%
- 200-1000 employees = 64%
- Over 1000 employees = 70%
SECURITY CONCERNS ARE THE MAIN REASON FOR NOT HOSTING EXTERNALLY

Top 3 reasons for not using cloud-based or externally hosted applications or services

- Data loss and confidentiality risks (34%)
- General security concerns (31%)
- Loss of control/ownership (21%)

Other reasons

- Too critical to outsource (21%)
- Integration with existing environment (19%)
- Complexity or cost of transition is too high (19%)
- Transparency to access, operations and security controls (18%)
- Hard to bring back in-house in case of issues (18%)
- Legal and regulatory compliance (17%)
- Fear of vendor lock-in (16%)
- Latency/Bandwidth concerns (15%)
- Service downtime and recovery speed (15%)
- Not enough customization options (13%)
PERCEIVED BETTER SECURITY IS THE MAIN BENEFIT FOR HOSTING IN THE CLOUD

Top 3 benefits that motivate organizations to utilize cloud-based services

31% Better security levels
28% Greater elasticity and scalability
26% Less work and maintenance for in-house staff

Other reasons
- Always offers latest functionality (24%)
- Better business continuity (24%)
- Better service quality than with in-house (24%)
- Lower TCO than with in-house deployments (23%)
- Offers broader service capabilities (23%)
- Internal resources better used elsewhere (20%)
- Limited in-house IT resources (18%)
- Flexible licensing and billing models (16%)
- No interest in building in-house capabilities (10%)
MOBILE DEVICE SECURITY BECOMING INCREASINGLY IMPORTANT

49% of companies already have a solution and 35% intend to get one in the next 12 months

- We have a solution to secure our mobile devices.
- We do not currently have a mobile device security solution, but we expect it to become a priority in the next 12 months.
- We do not have a mobile device security solution in place, and we do not expect it to become a priority in the next 12 months.
- I don’t know.
We have a solution to secure our mobile devices.

We do not currently have a mobile device security solution, but we expect it to become a priority in the next 12 months.

We do not have a mobile device security solution in place, and we do not expect it to become a priority in the next 12 months.

I don’t know.
WHY COMPANIES CHOOSE TO IMPLEMENT A MOBILE DEVICE SECURITY SOLUTION

Top 3 reasons

- Prevent loss of data in case device is lost or stolen (28%)
- Prevent mobile malware from infecting devices (28%)
- Prevent data loss and interception when employees use public wifi (26%)

Other reasons

- Ensuring that mobile devices are under IT control (25%)
- Providing safe access to internal company assets from mobile devices (25%)
- Providing safe access to productivity tools, such as email, with mobiles (23%)
- Isolate company and personal data and apps from each other (19%)
- Ensuring compliance or regulatory requirements (17%)
- To get visibility and control to apps installed on mobile devices (17%)
- To enforce use of basic security features, such as passcodes (16%)
- Company has transitioned to a more mobile heavy environment (16%)
- Manage built-in device features, such as built-in encryption (16%)
- Detect vulnerable/old OS and jailbroken devices (15%)
REASONS FOR NOT SEEING MOBILE SECURITY BECOMING A PRIORITY IN THE FUTURE

Top 3 reasons

33% Mobile devices do not contain sensitive assets/data

26% Our company does not utilize mobile devices for business

25% Securing mobile devices is not a priority compared to other security priorities

Other reasons

- Internal company assets cannot be accessed via mobile devices (24%)
- Current risk does not warrant investment in mobile security (17%)
- Mobile devices are secure enough by default (17%)
- Ability to manage company mobile devices is not a priority (16%)
- Not willing to pay for a mobile security solution (14%)
- IT partner does not think the company needs it (13%)
- Internal employee resistance due to privacy concerns (13%)
- Securing mobile devices is too much of a hassle (12%)
- No regulatory or compliance requirements (10%)
86 % of businesses use virtualization

- Most of our virtualized components are hosted by ourselves on our own premises
- Most of our virtualized components are hosted in a public or private cloud
- We use a mix of on-premise and public/private cloud virtual components
- Our organization does not use virtualization
- I don’t know

Only 8 % of companies say they do not use virtualization and 6 % don’t know. Therefore 86 % of businesses use some element of virtualization and one third plan to increase their use in the next 12 months.
We use a dedicated security solution to cover our virtualized components.

We prefer to use a single security solution to cover both physical and virtualized components.

We are planning to increase the use of virtualization in the next 12 months on our own premises.

We prefer to use the virtualization infrastructure management and security capabilities offered by the platform (vShield, Citrix XenServer Direct Inspect, VMware NSX).

We are planning to use cloud based virtualization hosted in public and/or private.
We use a dedicated security solution to cover our virtualized components.

We prefer to use security solutions available in the cloud marketplace (AWS/Azure).

We prefer to use a single security solution to cover both physical and virtualized components.

COMPANIES WHO HOST IN THE CLOUD ARE LIKELY TO USE A DEDICATED OR A CLOUD MARKETPLACE SECURITY SOLUTION.
We use a dedicated security solution to cover our virtualized components on-premise and in the cloud.

34% of companies using a mix of on-premise and cloud based virtual components plan to increase the use of cloud based virtualization in the next 12 months.

We are planning to increase the use of cloud based virtualization (AWS/Azure etc.) in the next 12 months.

34% of companies using a mix of on-premise and cloud based virtual components plan to increase the use of cloud based virtualization in the next 12 months.

We prefer to use a single security solution to cover both physical and virtualized components.

27%

We prefer to use a single security solution for on-premise and public/private cloud components.

26%

We prefer to use security solutions available in the cloud marketplace (AWS/Azure etc.).

24%
F-Secure security priorities survey 2016

- IT deciders (including top management) and decision influencers
- Sample Size: 2635 Respondents
- Methodology: Online survey
- Data collection in the end of September and in October 2016
- Company Sizes:
  - 25-199
  - 200-1000
  - over 1000
  - Companies with less than 25 employees excluded

FINLAND & SWEDEN (250)
UK (400)
FRANCE (400)
NEATHERLANDS & BELGIUM (230)
POLAND (230)
GERMANY (400)
ITALY (400)
JAPAN (325)