Government has entered a new era of cybersecurity threats.

Attacks are highly successful, attacks are application focused and governments are subject to new, unknown attack methods.

Increase in federal agency security incidents from 2006 to 2014.

Reported public sector security incidents in 2015.

1 in 3 organizations in the public and private sector were affected by a successful cyberattack in 2014.

Average number of hours to recover from a data breach is 1,121%.

Increase in total cost of data breach.

$6,500,000

11% 86% 24

86% of attacks are application specific.

Security breaches lead to data loss, negative publicity and the financial costs are record breaking.

Using Citrix solutions, government agencies can transform their IT infrastructures into solutions that are simple, secure, and cost-effective.

Network Security

Establish a self-defending perimeter defense.

Connection Security

Decrypt and inspect Secure Sockets Layer used to encrypt links between a web server and browser.

End-point Security

Permit or deny access by evaluating client security posture.

Cloud, Identity & Remote Access

Add two factor authentication and use Security Assertion Markup Language to ensure secure exchanges between inside identities to outside identities.

Application Security

Protect the application from logic attacks and data loss by controlling input and output.

Threat Intelligence

Utilize evidence-based knowledge to combat cyberthreats.

Challenges in Cybersecurity

1. Reduce costly downtime and regulation issues by mitigating distributed denial of service attacks.
2. Stop malicious attacks by removing direct application layer attacks.
3. Prevent vulnerable or unauthorized devices from accessing data center resources.
4. Prevent unauthorized user access and secure cloud authentication.
5. Ensure privacy and eliminate application data leaks.
7. Block known application threats using signature based protection.
8. Permit only the correct application behavior and deliver zero day attack prevention.
9. Enhance security decision-making priorities.
10. Ensure compliance with government regulations.

Citrix NetScaler

An enterprise class application delivery controller that combats cybersecurity threats.

Overcoming Cybersecurity Threats

Government agencies can tackle the challenges of the new era of cybersecurity threats through secure and cost-effective solutions like NetScaler.

Sources


Symantec Internet Security Threat Report | Ponemon Institute 2015

For more information, visit citrix.com/government or email us at citrixpublicsector@citrix.com