The Cybersecurity **Domino Effect** on the Economy

Cyberattacks a key concern for US executives

21% 75% admit to of execs say cyberattacks on US networks can or disruption" cause "serious damage or disruption" THE DAILY BREACH

Only



1.43% said "no damage or disruption" or disruption"



"at least significant damage

CYBER

TACKS!

TOP BIOTECI

Cyberattacks on US networks can cause...



A C-level study (CEOs, CIOs, CSOs, CISOs) shows concerns about disruption not just to their own operations, but also on the ripple effect of cyber incidents at the local, state and national level

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What is the Cybersecurity **Domino Effect?**





A situation in which one event causes a series of similar events to happen one after another

- Merriam-Webster

Cyberattacks on one network can cause significant economic effect

A major attack on one organization in one sector can provide access to vulnerabilities in other organizations, eventually leading to severe impact on the larger economy.



Areas that can be affected





Related companies





Business operations



Other industries



Regional



Business downtime



National economy



National and global

Ray Rothrock, chairman and CEO of RedSeal

"A coordinated, sophisticated and large-scale assault will not stay within the four walls of the company being attacked - it could easily have a domino effect and cause widespread disruption, from other companies in other sectors to the national grid"

Critical sectors and national infrastructure that may be affected



Healthcare industry	Insurance industry, homeowners, insurers	Entertainment industry
35%	33%	32%
Education systems, students	Transportation industry: air, freight, rail, etc.	Retail industry, retailers, consumers
31%	31%	31%
		$\overline{\mathbf{X}}$
Port security	Water systems safety/security	None of the above
28%	23%	1%

RedSeal Your Network



Certify	you	r ev	olving
networ	k is	sec	ure



Remediate security issues prioritized by network context, with necessary drill-down detail



Accelerate your regulatory compliance initiatives (PCI, NERC CIP, NIST 800-53, STIG)



Speed effective incident response



Build a hardened, next-generation network



Get an accurate, interactive network model, including all paths in and out

