Cyber security

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the processes, practices and technologies

designed to protect networks, computers and data

from attack, damage, or unauthorised access

Cyber security

the processes, practices and technologies

the things we do

designed to protect networks, computers and data

to protect computer stuff

from attack, damage, or unauthorised access

from being damaged or stolen by nasty people

Cyber security

the processes, practices and technologies

Cyber security

the processes, practices and technologies

antivirus

firewall

passwords

authentication

encryption

MAC address filtering

secure storage

PIN codes

fingerprints

software updates

EDUCATION

Cyber security

designed to protect networks, computers and data

Cyber security

from attack, damage, or unauthorised access

- networks could be infected with viruses or malware such as keyloggers

- software vulnerabilities could be exploited

- data could be accessed, changed or deleted

- networks could be flooded with traffic, reducing connection speeds

- cabling could be destroyed or stolen

- systems could be disabled by cyber attack

The Quiet War Squirrels Are Waging on U.S. Stock Exchanges

What do you have against America, squirrels?

Joe Pinsker • Jul 9, 2015

Alexis Madrigal / The Atlantic

On Wednesday, a computer glitch caused trading to stop at the New York Stock Exchange for more than half of the time markets were supposed to be open. They say that new technologies break in new ways, and that was the case yesterday, but they are also not immune to breaking in old ways: Twice, U.S. exchanges have been halted by ... squirrels.

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Squirrels are also responsible for many power outages across the country, and Jon Mooallem suggested in The New York Times in 2013 that they're frequent power-line chewers because their incisors never stop growing, so they constantly need to wear them down by teething. Also, squirrels are naturally drawn to transformers, whose nooks can be similar to the hollow spaces in trees.

As far as financial markets are concerned, these are freak occurrences, but squirrels commonly wreak havoc on America's wiring systems, as Alexis Madrigal explained in The Atlantic in 2011. By August of that year, the rodents were responsible for 17 percent of the damage done to the fiber-optic network of Level 3 Communications, a company with 84,000 miles of cable. That was down from 28 percent the previous year. "Honestly, I don't understand what the big attraction is or why they feel compelled to gnaw through cables," one of its vice presidents wrote at the time.

UPDATE FRIDAY 3.45PM Internet service is back for about 200 homes in Holbeach St Johns after attempted theft of fibre optic cables

Internet services are back to normal for about 200 homes in Holbeach St Johns after an attempted theft of cables.

Engineers worked from about 7.30pm on Wednesday to repair fibre optic cables that had been cut in the area of Sutton St James.

February 2019 - near Spalding in Lincolnshire