

Cybersecurity for Individuals

Top Threats and Prevention Strategies

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Today's Agenda:

Solving the World's Problems...



What is *Cybersecurity?*



Cybersecurity

On The Rise



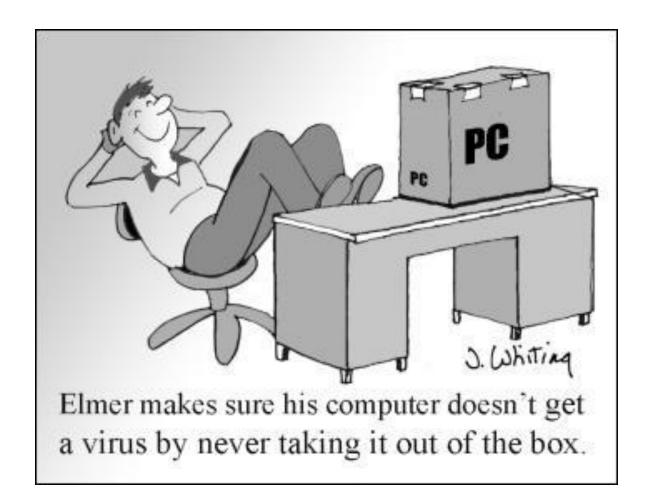
Cyber Threat Targets: Everyone



Malware

Software intended to damage or disable computer systems







Ransomware and Extortion

Malware encrypts data until ransom is paid to attacker





Private key will be destroyed on 10/9/2013 4:25 PM

Time left

95:56:35

Your personal files are encrypted!

Your important files **encryption** produced on this computer: photos, videos, documents, etc. <u>Here</u> is a complete list of encrypted files, and you can personally verify this.

Encryption was produced using a unique public key <u>RSA-2048</u> generated for this computer. To decrypt files you need to obtain the **private key**.

The single copy of the private key, which will allow you to decrypt the files, located on a secret server on the Internet; the server will destroy the key after a time specified in this window. After that, nobody and never will be able to restore files...

To obtain the private key for this computer, which will automatically decrypt files, you need to pay 300 USD / 300 EUR / similar amount in another currency.

Click «Next» to select the method of payment and the currency.

Any attempt to remove or damage this software will lead to the immediate destruction of the private key by server.



Phishing

Attempt to obtain sensitive information through falsely claiming to be a legitimate person or company



att.com | Support | My AT&T Account



Your online bill is ready to be viewed

Dear Respective Customer,

A new bill for your AT&T services is prepared.

Any operations completed after your bill period expires will not be shown in the bill amount listed directly below. If you have made a recent payment, please refer to the current balance on the Account Overview and the Bill & Payments pages.

Service	Account ending in	Bill Amount	Due Date
Home Phone	954	\$902.65	02/19/2013

Log in to online account management to view your bill and bill notices, maintain your email account or make a payment. If you are not registered for online account management, you must do so to view and print your full bill and bill notices at www.att.com/managemyaccount. Log in to online account management to view your bill, maintain your email account or make a payment.



Thank you for choosing AT&T. We value your business and look forward to serving you!

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Mobile Devices/ Bring Your Own Device (BYOD)

75% of mobile security breaches occur through mobile applications



Data in the Cloud

As more data is entrusted to the cloud, more hackers will attempt to steal from it



Third-Party Service Providers

Organizations retain responsibilities for outsourced services



Non-Windows Attacks

Misconceptions around non-Windows operating systems



Recap



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