



## Anti-Virus Solutions



Anti-Virus solutions search for and remove viruses, worms and other malicious code on devices such as hard drives and servers, by scanning files and e-mail attachments for potential threats. Virus attacks have become far more serious and have grown from harmless pranks to potentially damaging attacks, costing organizations billions of dollars due to network outages, lost work hours, and maintenance costs related to recovering and repairing lost data. Threats from virus attacks have become a constant and budgeted facet of the IT business experience.

A recent CSI/FBI Computer Crime and Security Survey ranked virus attacks in the top three computer crimes, with an average loss of \$244,000 per virus incidence, with the highest reported incident loss of \$20 million. **The Love Bug Virus caused an estimated \$10 billion dollars of damage worldwide.**

### What Is a Virus?

A virus is a code embedded in documents or executable files that have extensions such as .exe, .com, and .shs. This code infects computers and systems causing harm by slowly eating away at infected documents and spreads to other files or replicates to other computers and systems (via e-mail) when an infected attachment is opened. The primary causes of viruses are people who intentionally and maliciously start a virus. The virus is then unintentionally and often unknowingly spread via infected files through e-mail, saving infected files on disks and sharing these files with others while saving infected files on organizational file servers.

There are different forms of viruses, each with its own set of characteristics:

- Worms - programs that copy themselves to other systems, usually via a network, becoming embedded in the network.



Since 2000 IT Solutions has been a leading technology services company. With deep industry expertise and proven experience in consulting and outsourcing, IT Solutions can mobilize the right people, skills alliances and technologies for your Anti-Virus Solutions.

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- Trojan horses - programs embedded in software containing a worm or virus as part of the program.
- Logic bombs - timing device within a software program that, when triggered by an event, can launch a virus, worm, or other harmful attack against a targeted system.

## Why use ITS?

IT Solutions is a leading technology services company. Committed to delivering innovation, IT Solutions collaborates with its clients to help them realize their visions and create tangible value. With deep industry expertise, broad resources and proven experience in consulting and outsourcing, IT Solutions can mobilize the right people, skills, alliances and technologies for your Anti-Virus Solutions. More than 80 percent of our work is with clients whom we've served before.

Our approach is to deliver innovation to clients by leveraging our industry knowledge, service offering expertise and insight into and access to emerging technologies. With this comprehensive approach, we are able to move clients forward in their business, from strategic planning to day-to-day operations. This often includes helping clients identify and enter new markets, increase revenues in existing markets, and deliver their products and services more effectively and efficiently.

## Anti-Virus Solution Partners:

- TrendMicro
- Symantec

