Just running an Anti-Virus program is no longer enough. You need to periodically scan with bootable media to be sure that you have not been infected.
Malware can evade antivirus

No matter how good the anti-virus product you have installed is, there is always a piece of malicious code that can subvert it.

- NO product is perfect
- Malware can subvert antivirus
- Zero days are more common
- Signatures are not always accurate
You cannot be certain

It is best to use different products when choosing a bootable antivirus product. This way, the signature sets will be different to those you are already using.

This increases the chance of detection significantly.

Scan often

Scan from trusted media

Use different products

Update regularly
Make sure you reboot the system

**Rebooting IS essential.**

If the hard drive is compromised, you cannot trust the system to run as you would expect. This includes anti-virus software. Malware can infect and subvert any process – including the anti-virus software designed to stop it.

- USB
- CD/DVD
- NOT THE Hard drive

As long as it boots separately.
Memory resident Malware often gets past even the best anti-virus systems.

Memory resident Malware often gets past even the best anti-virus systems. Scanning using an up to date bootable CD or USB stick can find malware that will reside in memory and bypass anti-virus programs.

Scanning periodically, is a way to ensure that you not only remain protected from casual threats, but find those that have managed to bypass your defences.