"Day Zero Attacks"



The Proactive Antivirus COMORINA TO THE Proactive Antivirus The Proactive Antivirus































Norman's products are focused on secure computing. Our products and

services cover the diverse needs of home users as well as large corporations. All Norman antivirus products include proactive antivirus protection – Go for Green.



With our 24/7 service and automatic Internet update we protect your assets.

Norman offers world class combination of security software and services to continuously protect homes, businesses and government offices from viruses, spam and spyware. Norman Virus Control is the best proactive and effective antivirus solution available today. Using Norman SandBox technology this powerful antivirus engine guards and protects your Internet communication, internal networks and more

from viruses and other malicious code. Our multiplatform strategy gives antivirus support for popular operating systems as Windows, Linux, OS/2 and Novell. Our desktop, server and gateway solutions give our customers virus free end-to-end solutions to rely on.

Norman SandBox Centre is a test centre that identifies known as well as unknown viruses.

The centre demonstrates the superior qualities that the technology offers by

a free check of Internet files for both known and unknown viruses.

It was created to highlight the serious shortcomings of yesterday's signaturebased antivirus programmes, which can be compared with an airbag that is triggered six seconds

after the car

qualitie

Norman's unique SandBox

technology is available as a

free service on our web site, www.norman.com.

Norman SandBox Centre Analysis Service informs about:

· Which network service it attempts to access

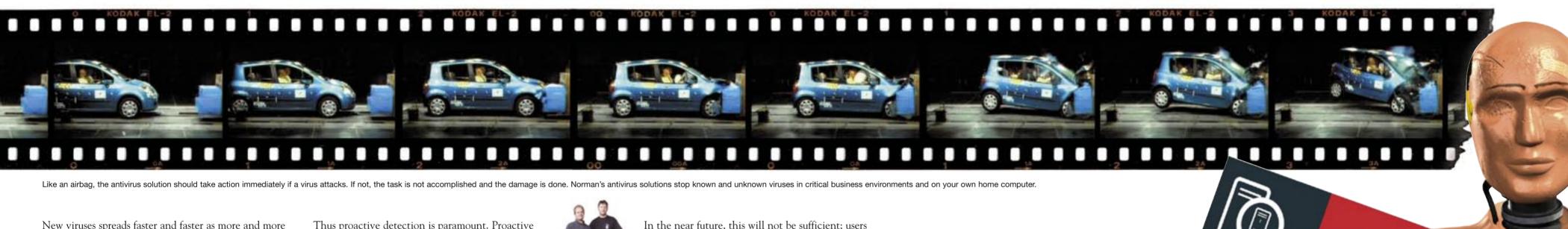
Henning Hansen, Norman's President and CEO.

Whether any backdoors will be installed

- What kind of virus
- What kind of damage
- Other relevant information

"Our SandBox technology has identified most of the major virus attacks during the last year - hours, in some cases days or months before any competing products have been able to do the same. The proactive detection feature has caused dramatically less attacks for Norman customers, while many users of competing products have sustained material damage to their systems."

Will you feel safe with an airbag that is released six seconds after the car has crashed? No? Then you think like us at Norman.



New viruses spreads faster and faster as more and more of them are exploiting vulnerabilities found in popular applications enabling them to spread faster than ever seen before. This has shown how vulnerable traditional signature based antivirus tools are in the fight against these upcoming threats, - leading to the only viable solution, a proactive solution designed to protect against is 6-24 hours from the moment a new virus hits new and unknown viruses.

Has traditional antivirus protection become sadly insufficient? Many indicators suggest just that. With "Day Zero Attack" becoming one of the IT Security community's most common buzzword, users are desperately looking for

the next generation of antivirus protection. "Day Zero Attack" is an attack that takes place on the very same day as a vulnerability has become public knowledge.

Thus proactive detection is paramount. Proactive detection is the ability to identify and deal with a threat as it arises, rather than wait for the creation and distribution of signature files. Then it may be too late for many organizations to avoid getting infected. Why? Because the average release delay till the users receive the updates. Obviously, this procedure does not provide real-time protection from new and unknown viruses. Most corporations correctly find this to be insufficient, as it leaves their networks vulnerable and unprotected until they can distribute the required definition files to get their virus protection back on track.

> AV-Test GmbH (www.AV-Test.org), an independent research centre specializing in the IT security industry, awarded Norman's SandBox technology last fall (2004) as the undisputed leader in the fight against new, unknown computer viruses.



fights the ongoing war against computer 20 years experience, Norman's staff are highly skilled and competent to fight this battle.

demand real-time protection. The answer is a proactive antivirus solution; a defence system that does not rely on definition files but is alert and accurate enough to stop new and unknown viruses in addition to the familiar ones.

Norman's answer to day zero attacks is the world leading proactive antivirus technology – Norman SandBox- a security solution that will assist in accomplishing these issues. The technology is used in all our antivirus products and solutions to provide continuous protection to stop new unknown viruses and other malicious codes from the

time they are released by the virus author. The main difference from traditional virus protection is that it does not only rely on virus signature files to stop new viruses, but stops them based on their behaviour pattern as well.

NORMAN SandBox emulates a real PC network and runs "the emulator" within a contained environment on the PC. This facilitates both testing files and stopping virus before it can disrupt critical processes.

The problem with traditional signature-based antivirus solutions is that when a new virus is released, it will take from 6 to 24 hours

to update the virus defence.

A virus can live up to several months before it is "killed"

files based on the actual behaviour of the specific file. If a file suddenly starts performing actions beyond the defined pattern, this is detected as nonstandard behaviour, and Norman's SandBox will make the file inoperable inform the user of the type of malicious software that is found, and suggest further action.

Norman's SandBox detects infected

Norman is one of the world's major providers of virus protection tools. Through its SandBox technology, Norman leads the way regarding to proactive antivirus solutions. While focusing on its antivirus technology, the company has entered into alliances that enable Norman to furnish a complete range of data security products and services.

Headquartered in Norway, Norman provides virus protection to customers all over the world, with Scandinavia, continental Europe and the UK as its key markets.

Norman's antivirus revenue currently amounts to approx. NOK 230 million (EUR 28 million), and the company has for a long period of time achieved a substantial growth in revenue and profit. Norman is a public company and is quoted at the Oslo Stock Exchange.

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