

WebAgain Case Study:

NATO

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Allied Command Europe (ACE) is one of two major military commands of the North Atlantic Treaty Organization (NATO). ACE safeguards an area extending from the northern tip of Norway to the eastern border of Turkey.

Supreme Headquarters Allied Powers Europe (SHAPE) is the military headquarters of ACE.

The Problem

Security and safety have remained the top priority for SHAPE and other NATO commands since the organization was founded.

Consequently, the organization determined that it also needed a way to help ensure the ongoing integrity of its web content. With web site hacking on the rise, SHAPE agreed that their existing tools—firewall, intrusion detection, and anti-virus—provided valuable preventive security.

But SHAPE wanted more. “We realized that there was always a delay between the discovery of a vulnerability and the availability or application of a fix for that vulnerability,” says Ioannis Arvanitis, systems analyst, Chief Operations Section, at INFOSEC Command, NACOSA.

The Solution

INFOSEC Command of SHAPE selected WebAgain, from Lockstep Systems, Inc. WebAgain automatically detects unauthorized changes to web site content, then automatically restores the original content—all without human intervention.

“WebAgain provides SHAPE an added security measure by covering the web site protection gap,” says Arvanitis.

WebAgain monitors the publicly available web site for unauthorized changes, including the addition of Trojan horses and backdoors or alterations to images. When an unauthorized change is found, WebAgain simply reverts to the web site content saved on the WebAgain server. WebAgain uses its Quarantine area to store copies of the hacked pages it found and sends notification of the incident to specified individuals.

“Further,” Arvanitis concludes, “with WebAgain protecting a web site, I believe a hacker would likely become bored making changes that were undone in a matter of minutes and, therefore, simply leave the site alone.”

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