

Third Brigade security software protects servers and applications against hackers and malicious attacks

Ottawa's Third Brigade monitors, defends and protects known and unknown computer security issues 24 hours a day, seven days a week

Fast facts

Corporate profile

Founded in 2004, Ottawa-based Third Brigade Inc. designs and manufactures advanced computer security systems that protect critical data and applications from attacks that bypass or penetrate network defences and target vulnerabilities in operating systems and web applications. Third Brigade detects and prevents known and unknown (zero-day) attacks, and provides an automatic and electronic fix for Microsoft, Windows, Solaris, Linux, and other Unix systems running on physical servers or virtual machines.

Why Ottawa

Third Brigade was selected in 2007 to be the exclusive provider of risk research to Defence Research and Development Canada (DRDC), an Ottawa-based agency of the Canadian Department of National Defence that addresses the scientific and technological needs of the Canadian Forces. The research will identify risks and vulnerabilities from multiple sources, develop solutions based on risk and help set response policies to better secure Canada's military.

Business advantage

Hoping to expand its reach globally, Third Brigade has established distribution partnerships with California-based NetIQ, Computerlinks of Germany and Trend Micro of Japan. Trend Micro, one of the world's largest antivirus companies, uses Third Brigade's advanced firewall and deep packet inspection in its corporate security solutions.

As virtualization and cloud computing emerges, the need for the guarding of confidential and important information increases. Security technology sophistication has had to increase rapidly to stay ahead of system attacks by hackers and malicious software. Founded in 2004, Ottawa-based Third Brigade Inc. designs and manufactures advanced computer security systems that protect critical data and applications from attacks that bypass or penetrate network defences and target vulnerabilities in operating systems and web applications. Third Brigade detects and prevents known and unknown (zero-day) attacks, and provides an automatic and electronic fix for Microsoft, Windows, Solaris, Linux, and other Unix systems running on physical servers or virtual machines.



Canada's Innovation Capital

Third Brigade's technology offers enterprise-class security solutions that are easy to manage and protect host computers from attacks. The software protects the different layers of operating systems and software within the server —giving information technology employees time to install more permanent security patches when hacker exploits become known.

Ten federal government departments, including The Department of National Defence, already use Third Brigade technology in Canada, as does the Harvard Medical School in Boston, Mass., and other global medical institutions.

Since it was founded in 2004, Third Brigade has raised \$25 million in venture capital. Investors include Celtic House Venture Partners Inc., BCE Capital Inc. and The Business Development Bank of Canada (BDC), a financial institution owned by the government of Canada.

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Third Brigade security experts are on site 24 hours a day, seven days a week monitoring system vulnerability. When threats are found, the staff develops filters, usually within hours of the alert, that protect against these vulnerabilities. These filters are automatically, and electronically delivered to customers, and can be applied to thousands of hosts in minutes.

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Third Brigade has a strong Ottawa background, headed by executives and co-founders that formerly held senior roles at Entrust Technologies Inc., a \$100 million-a-year security software company located in the National Capital Region.

Leading Third Brigade are ex-Entrust Vice Presidents, Wael Mohamed, current Third Brigade CEO and President, and Bill McGee, Third Brigade Vice President, Products. Brian O'Higgins, founder of Entrust and now Chief Technology Officer at Third Brigade, rounds out the talented team.

Business advantage

Hoping to expand its reach globally, Third Brigade has established distribution partnerships with California-based NetIQ, Computerlinks of Germany and Trend Micro of Japan. Trend Micro, one of the world's largest antivirus companies, uses Third Brigade's advanced firewall and deep packet inspection in its corporate security solutions. The system protects businesses from hackers while users are on and off corporate networks and accessing web-based applications.

Including a vulnerability response team in Bangalore, India, Third Brigade security experts are on site 24 hours a day, seven days a week monitoring global security sources to research new system vulnerabilities.

When threats are found, the staff develops filters, usually within hours of the alert, that protect against these vulnerabilities. These filters are automatically, and electronically delivered to customers, and can be applied to thousands of hosts in minutes.

Future growth plans

Third Brigade is unique in its ability to enable security for organizations wishing to use cloud computing for IT resources, and plans to focus product and marketing efforts in this area. The company will also continue to expand its market presence to the retail industry to help retailers and enterprises prevent credit card fraud and enable PCI DSS compliance.

Contact information

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