

*“We believe that Penetration Testing (PT), as it is known today, is obsolete. Today, software and algorithms can do a better job at PT and help businesses continually assess and improve their cyber risks using an automated, threat-oriented approach.” - Arik Liberzon, Founder of Pcysys*

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Pcysys (initials of “Proactive Cyber Systems”) was founded by Arik Liberzon in 2015, after coming to the realization that organizations do not have an effective means of knowing their true cyber risk and which vulnerabilities have the highest negative business impact potential. Arik, who previously lead the Cyber Warfare group in the Israeli Defence Forces’ Computer Service Directorate, modeled his mastership of ethical hacking techniques into software. Together with the serial IT entrepreneur, Arik Faingold, Arik Liberzon founded Pcysys with the mission of developing an automated penetration testing platform that enables businesses to defend themselves against the best of the worst-intended hackers.

#### **The problem we solve:**

As hackers become more and more sophisticated, corporate security officers and regulators become more aware of the need to integrate the hacker’s perspective into their ongoing cyber defense strategy.

Traditionally, penetration testing has been completed manually by service firms, deploying expensive labor to uncover hidden vulnerabilities and produce lengthy reports, with little transparency along the way.

Professional services-based penetration testing, as we know it today, is time consuming, intrusive, costly, represents a point in time snapshot, and cannot comply with the need for continuous security validation within a dynamic IT environment.

#### **Our solution:**

Focused on the *inside* threat, PenTera™ mimics the hacker’s attack - automating the discovery of vulnerabilities and performing ethical exploits, while ensuring an undisrupted network operation. By applying the hacker’s perspective, our software identifies, analyzes and prioritizes the remediation of cyber defense vulnerabilities. Detailed reports are produced together with proposed remediations, one step ahead of tomorrow’s malicious hacker.

#### **About Pcysys:**

Pcysys delivers an automated penetration-testing platform that assesses and reduces corporate cybersecurity risks. By applying the hacker’s perspective, our software identifies, analyzes and prioritizes the remediation of cyber defense vulnerabilities. Security officers and service providers around the world use PenTera by Pcysys to perform continuous, machine-based penetration tests that improve their immunity against cyber attacks across their organizational networks.

#### **Investors & Funding:**

Founded in November of 2015, Pcysys was granted one million dollars in pre-seed funding in 2016 from private investors. Pcysys built its first product and acquired its first customers that year. In November 2017, Pcysys completed its seed Round Funding of \$4.5M, led by Awz HLS Investment Fund, a VC firm, specializing in Homeland and Cyber Security, based out of Toronto, Canada. The company has 25 employees with R&D offices in Tel Aviv and representation in Boston, Toronto, and London. Pcysys has tens of customers and a few dozen pilots running globally at any given time.

For more information visit [www.pcysys.com](http://www.pcysys.com)