Patriot One Technologies Inc. in conjunction with leading researchers from McMaster University is in the final stages of development and commercialization of their PATSCAN CMR system to covertly detect concealed weapons on individuals in public and private areas, utilizing novel radar technologies and proprietary cognitive software and alert applications.

Highlights

- First available security system, the PATSCAN CMR, to **covertly** scan and identify possession of a concealed weapon.
- CMR 1000 can be integrated with existing security systems to enhance first responder reaction time.
- Developed by world class research team from McMaster University with a $2.5 million grant from NATO (North Atlantic Treaty Organization).
- Multiple large market sales opportunities.
- Tom Ridge, the first U.S. Secretary of Homeland Security joined the Advisory Board in April, 2017.

About Patriot One Technologies Inc.

Patriot One Technologies (P1T) was created to commercialize technology that was originally developed for NATO by a research team at McMaster University in Canada. This technology was developed to address the problem of detecting concealed weapons on individuals in public places in a timely manner to allow authorities to act prior to criminal action taking place. Patriot One’s PATSCAN CMR can detect and identify a multitude of weapon signature including handguns, long guns, knives and bombs, while
sending out notification on computer screens, mobile applications and dedicated alarms for localized alerts to security and police personnel.

The research team, led by Dr. Natalia Nikolova (EEE Fellow, CAE Fellow, P.Eng. Professor, Canadian Research Chair in High-Frequency Electromagnetics), developed the technology with a $2.5 million grant from NATO and NSERC (National Science and Engineering Research Council of Canada) to help protect troops from, until now, undetected threats. Patriots One Technologies has the exclusive license from McMaster University to commercialize this technology globally.

**PATSCAN**

Patriot One Technologies’ PATSCAN CMR is the world’s first cost-effective, portable, non-invasive screening system to detect concealed weapons real-time, which allows actions to be taken to avoid an active shooter or other terrorist action in public spaces. PATSCAN CMR utilizes near field radar to detect concealed weapons without individuals knowing they are being screened. The cognitive software then reads the radar signal and creates a threat alert along with the type of weapon the individual is concealing. What makes the PATSCAN technology unique is the “cognitive” ability of its operating software. The system is designed to be trained prior to shipping and continues to learn upon deployment, getting better and smarter at detecting hidden weapons with each screening. This learned knowledge is then shared across the network of systems with monthly software updates. The PATSCAN solution addresses many of the issues with current screening technologies including privacy concerns, health concerns, screened individual’s compliance, operator errors, and the need for multiple screeners.

Patriot One’s solution allows protection to be set up at entryways into buildings, transportation hubs, schools and other public areas, so an individual carrying a weapon can be detected and subsequently detained and questioned before that individual has an opportunity to act. The PATSCAN can also be integrated into other security systems where doors can be locked and access can be denied before the person with a weapon can gain entrance into an area. A location of particular interest is utilizing the PATSCAN CMR outside the entrances to school buildings, where it could identify and lock out a potential shooter and alert authorities before the threat can gain entrance into the school and commit a crime.

Video of Demonstration: [https://patriot1tech.com/news/videos/](https://patriot1tech.com/news/videos/)

**Progress to Market**

Patriot One has been making steady progress towards the commercialization of the PATSCAN CMR. In April 2017 Tom Ridge, the first U.S Secretary of Homeland Security and former Governor of Pennsylvania, joined the advisory board. Also, Patriot One showcased the PATSCAN system for the first time at the ISC West Conference in Las Vegas, which is one of the largest security technology conferences in United States presented by the Security Industry Association (SIA). **The SIA awarded Patriot One for the Best New Counterterrorism/Force Protection Product at the conference.** Since the conference Patriot One has received multiple requests for sales demonstrations and distribution alliances. As of the beginning of May 2017 the Company has reported purchase commitments for 2017 exceed their target production volume and the Company expects to deliver their first products in the Q4 2017.

Patriot One’s management is currently focused on building out their corporate capabilities so they can have a seamless product delivery cycle in the fourth quarter. Management is currently ramping up internal systems in production, engineering, marketing and sales so the Company is positioned to execute
their business plan in 2018 according to the President of Patriot One Dinesh Kandanchatha.

**Product Roll-Out**

Patriot One is now implementing their go-to-market strategies in Europe and Canada. The Company has obtained the CE mark for the PATSCAN and is free to sell in markets that accept the CE mark. Patriot One is now beginning to build a network of distributors and has added their first in Germany and South Africa. As Patriot One put together their marketing materials and demonstration sites for the European markets they should begin to see the first real orders begin by the 4th quarter 2017.

In the United States Patriot One needs to get approval for PATSCAN the from the FCC (Federal Communications Commission). Since the PATSCAN uses low power microwaves to detect the concealed weapons the wavelength and power have to be approved by the FCC to ensure they do not interfere with other communication devices. The base technology is common for other uses in the U.S. and the effects are well known by the FCC. Patriot One is working on their licensing request and management has stated that they expect to receive FCC approval for the PATSCAN in the 3rd quarter 2017. U.S. interest in PATSCAN is strong and the Company expects to have orders in hand quickly after FCC approval.

**Price and Manufacturing**

Retail Price $10,000
COGS $3,000
Monthly subscription/unit $50 ($600/year)

As the Company grows, management will have to determine the best route for continued sales distribution.

This COGS (Cost of Goods Sold) should go down as the manufacturing volume increases. Patriot one currently has small batch manufacturing available in the U.S. The Company is in discussions with multiple outsourced manufacturers that can provide volume manufacturing as sales ramp up in the second half of 2018.

**Markets**

Patriot One has identified several large markets in which to focus upon. Government, schools, transportation, clubs and bars, special events such as sports and concerts (stadiums), offices, shopping, police and banks. All of these markets have the potential to be billion dollar markets for the PATSCAN system. These are obvious locations where having the ability to covertly scan all entrants into or around facilities for concealed weapons enhances the safety and security for all.

**Government**

There are compelling arguments that schools, universities and government agencies will become large markets for Patriot One. There are immediate needs for this technology to be installed in schools nationwide to better protect the students. Governments have thousands of secure facilities that would benefit from added security. There will also be multiple military uses for this technology, which should grow into another large market for Patriot One.

**Police**

The police can mount PATSCAN in cars or even locate a scanning antenna on an officer to scan the immediate area or person for the presence of a weapon before the officer begins any interaction. The knowledge of the presence of a concealed weapon, or no weapon, greatly enhances the chances of a safe encounter for the officer and the individual. This can also greatly lower the incidences of the controversial practice of stop and frisk as the officer will know whether or not a weapon is present and be able to act accordingly.
Commercial Buildings
According to a U.S. government data survey, in 2012 there were 87.4 million commercial buildings in the U.S. Only 2% of the buildings (1.748 million buildings) are larger than 100,000 square foot, but this group makes up 35% of the total floorspace. The PATSCAN can be used to detect at the entrance to these buildings or at the entrance of an individual or multiple offices within one of these buildings. For commercial buildings to be a $1 billion market, Patriot One would have to sell 100,000 units into this market. Given the security and sign-in procedures at many commercial buildings and offices we believe there is an logical pathway to turn this market into an annual multi-billion dollar global market.

Home Safety
There is a market for the PATSCAN in home security. Knowing who is at your front door has become more prevalent with the use of bluetooth security cameras and speakers. For people who want or need additional security the PATSCAN would be able to alert the homeowner to the potential threat of concealed weapons. In a 2006 survey there were over 125 million homes in the US. This has the potential to become a large market for Patriot One with the right partners.

Competition
There are no products on the market today that can scan a person for a concealed weapon without their knowledge. Patriot One is the first company to bring such a product to market. The competition to Patriot One’s product offering is human intelligence gathering, stop and frisk policies, gunfire detection listening devices (which is too late to stop a bad situation), door security, Closed-Circuit Television (CCTV) and overt airport style security. Airport style security is fixed space security where everybody is screened using magnetometers and x-ray machines along with significant manpower. While this has proven sufficient for airports it is not convenient or cost effective for other venues like the entrance to a subway station.

Patriot One is providing a unique effective tool for security and weapon detection in public areas greatly increasing the reaction capabilities of first responders and allowing for immediate action to be taken to protect bystanders.

Capital Structure
Shares Outstanding 58 million
Float 35 million
Options Issued 4.35 million
Warrants Issued 27 million
Management and Insiders 15%
Founding Group 25%
Cash $2.5 million
Debt $0
Auditor Davidson & Co.

Corporate Risks
- Patriot One must obtain FCC licensing to sell and operate their systems in the U.S. The management has stated they expect this in Q3, 2017. The Company does have the capability in selling into Canada, Europe and other markets at this time. Sales to U.S. Government entities may be granted a waiver from the FCC prior to final approval, which is routine for this market.
- Management must build out operations including marketing, sales and manufacturing to grow the company. These operational issues are standard for all young growth companies.
- The PATSCAN system must operate as advertised, and the Company must continually upgrade the system to integrate into overall security needs of the addressable markets.

- Patriot One has about $2.5 million in cash and may need to raise money through an equity sale in the future.

**Management**

**C. Scott M. Shepherd, Chairman, Board of Directors**
Born in Ontario, Canada and educated at the University of Toronto and Dalhousie University, Mr. Shepherd has worked with the Department of Foreign Affairs and International Trade, Export Development Corporation, Imperial Chemical Industries PLC and Trafalgar House PLC, as well as a stint as Chief Financial Officer with the Nexus group of Companies in Burnaby, B.C. Canada. As President and founding director of NORTHSTAR Trade Finance, Inc., Mr. Shepherd has been active with the promotion and support of small and medium sized exporters throughout the world.

**Martin Cronin, CEO & Director**
Martin Cronin is an expert in the areas of counter-terrorism, conflict resolution, and government/corporate interface. He has extensive experience in high intensity conflict environments and recently served as CEO of a private company specializing in communications and survivability technologies. Before moving to the private sector, Mr. Cronin was British Consul-General to Western Canada, based in Vancouver. His career includes over twenty years of experience in the field of international diplomacy with the British Government, including postings in Yemen, Jordan, Sweden, Pakistan and Iraq. Mr. Cronin is also Honorary Colonel of the British Columbia Dragoons (a Canadian Forces Primary Reserve Regiment), Regional Director of the Canadian Forces Liaison Council, a member of the Advisory Board of the Central Okanagan Economic Development Commission, and Member of the Advisory Board of International Yacht Training Worldwide. He is a frequent guest speaker on the Middle East and security issues.

**Dinesh Kandanchatha, President & Director**
A serial entrepreneur who has built and exited three companies. Currently he is Managing Director of Macadamian Technologies (Toronto, Canada) where he leads business development at one of the leading product consultancies in Canada. Developed and integrated sales and marketing strategies to facilitate double-digit growth. Previous positions: VP Business Development and Marketing (Sep 2012 – Oct 2013), VP Sales (Mar 2011 – Oct 2013). Recent: Macadamian Technologies, dineshk.co, University of Toronto Rotman-Nexus. Previously was General Manager at Protus IP Solutions, TechSupport.ca, Precise Software Technologies Inc. Education: University of Ottawa.

**Phil Lancaster, SVP Government Relations & Law ePATSCANment**
Mr. Lancaster’s extensive career in law distinguished him as someone who sought excellence and an aptitude for business opportunity ultimately led to a successful career in business. As a former British police officer, he brings years of experience working internationally in VIP close protection, as well as service in British Overseas Territories. Throughout his career, Mr. Lancaster received several notable awards and has been recognized for his efforts both in the UK and overseas.

**Michael Rozin, Business Development (USA)**
Mr. Rozin’s career has focused on the prevention of terrorism and the teaching of proactive security for over sixteen years. He is the founder of Rozin Security Consulting (RSC) offering training to law ePATSCANment and security agencies on counter-terrorism and tactical response techniques. Previously worked with Mall of America (MoA) as Special Operations Security Captain, where in 2008 his security program was presented to the U.S. House of Representatives’ Committee on Homeland Security as a model for private sector security. Early in his career he served in the Israeli Defense Forces as a Sergeant in the Barkan special operations combat unit and subsequently completed Advanced Security and Anti-Terrorism Training at the Israeli Security Academy (Shin-Bet). He then served the Israel Airport Authority as a security agent and field trainer (Ben-Gurion International) where he received recognition for excellence (2005). Mr. Rozin is a regular guest speaker on counter-terrorism, suicide terrorism and related issues. He serves on the faculty at the University of Minnesota’s Master of Science in Security Technology program (Technology Leadership Institute) and is a graduate of the Institute of Counter-Terrorism (ICT) in Herzliya, Israel and is a certified law-ePATSCANment and civilian instructor in Krav Maga defensive tactics. Mr. Rozin is fluent in Russian, Bulgarian, Hebrew and English.

**Jeff Tindale, Director**
Mr. Tindale has been Managing Partner of a private consulting group offering merchant banking and corporate advisory services to a number of high-growth companies across various sectors since 2006. Mr. Tindale has a strong
background in corporate governance, finance, and mergers and acquisitions. A lifelong entrepreneur, he has founded and led several successful companies and assisted in all aspects of the company's corporate development, from seed capital through to exit strategy. Mr. Tindale currently sits on the board of directors for several publicly listed and private companies.

Dr. Natalia K. Nikolova, Academic Collaborator, Canada Research Chair in High-Frequency Electromagnetics
Professor Nikolova received the Dipl. Eng. (Radioelectronics) degree from the Technical University of Varna, Bulgaria, in 1989, and the Ph.D. (Electrical Engineering) degree from the University of Electro-Communications, Tokyo, Japan, in 1997. Her Ph.D. studies in Japan (1994 to 1997) were supported by a Monbusho (Government of Japan) Postgraduate Scholarship for Foreign Students.

Tom Ridge, Advisor
Tom Ridge is Chairman of Ridge Global. He provides clients with solutions to cyber security, international security and risk management issues. Following the tragic events of September 11th, 2001, Tom Ridge became the first Assistant to the President for Homeland Security and, on January 24, 2003, became the first Secretary of the U.S. Department of Homeland Security. Before the events of September 11th, Tom Ridge was twice elected Governor of Pennsylvania. He served as the state's 43rd governor from 1995 to 2001. Governor Ridge's aggressive technology strategy helped fuel the state's advances in economic development, education, healthcare and the environment. He serves on the boards of the Institute for Defense Analyses, the Center for the Study of the Presidency and Congress and other private and public entities. He is currently chairman of the U.S. Chamber of Commerce's National Security Task Force. He graduated from Harvard with honors.

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