



Microtection

Microtection, LLC

Company Overview: Microtection is a company commercializing vapor trace detection solutions aimed initially at security and contraband markets. The technology platform comprises a handheld device that detects trace amounts of chemical vapor in a non-intrusive manner. The intellectual property portfolio surrounding this technology can be leveraged to address extended market needs in chemical trace detection.

Problem: The ability to detect and measure unstable chemical samples is a major problem that plagues industry. Every day time and money is lost due to lack of effective analysis and identification of chemical vapor trace. Whether it is an agent at an international border crossing or an arson investigation, there is a lack of quick and efficient means to identify trace chemicals.

Solution: The Microtection platform has grown from more than 10 years of development. The core analysis component is based on ion mobility spectrometry—a proven technology. The Microtection solution boasts enhanced analytic sensitivity, flexibility, efficiency and accuracy like no other in the industry. Coupled with its patented non-invasive sampling and component production processes, the Microtection solution provides a robust, efficient and cost effective portable platform for detecting trace vapor from explosives, accelerants, narcotics and a wide array of compounds.

Business Model: Microtection will leverage strategic alliances with engineering and manufacturing partners to develop a market ready product for commercial and government markets. Microtection will also develop product extensions and enhancements to its core platform to address additional industries and markets.

Marketing Opportunity: Globally, the market for vapor trace detection is expected to be \$12.5 billion within 5 years. The immediate market opportunity includes: insurance investigation, security, corrections, transportation and cargo inspections.

Management Team: J. B. Tuttle (CEO), Rob Virden (COO), Ryan Olcott (CTO).

Funding Request: \$1.4 million investment is required to grow the company through breakeven in year 3.



J. B. TUTTLE

*Investors: Founders
Year Founded: 2009
Employees: 1*

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*In Attendance:
J. B. Tuttle, CEO
Rob Virden, COO
Ryan Olcott, CTO*

Revenue Forecast:

2011:	\$ 0M
2012:	\$ 1.5M
2013:	\$ 9.5M
2014:	\$ 28.6M
2015:	\$ 57.8M