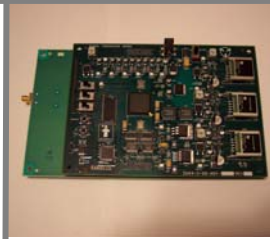




# ELLISTAR SENSOR SYSTEMS INC.



## Ellistar Sensor Systems Inc. Wideband Radar and custom antenna design and development

Ellistar has designed and built the Ellistar Mk-I Wideband, low-power short to medium range radar system in response to our company business objectives and the requirements of R&D clients in Defence and Government Agencies.

It has been designed specifically to enact short-range, narrow pulse detection and target classification sensing algorithms. It is ideally suited for advanced development work in traffic management, collision avoidance, Un-inhabited Aerial Vehicle guidance, and all short-range detection, tracking and target classification systems including jamming and other countermeasures against IEDs and RPGs.

In 2007, Ellistar's priority goal is to secure a partnership with an established Defence company, who will fund Ellistar's wideband radar technology development in exchange for exclusive sales license rights on Mk-I radar products developed for military applications.

## COMPANY BACKGROUND

- 📌 **Business Number:** 86105 4518
- 📌 **Incorporated:** 18 April 2002, Canada.
- 📌 **Clients:** Department of National Defence, Amtek Engineering Ltd., Valcom Consulting Group Inc., Carleton University, Defence Research Ottawa
- 📌 **R&D Grants:** National Research Council (3), Carleton University (4), Materials and Manufacturing Ontario (1), SR&ED (4).
- 📌 **US Patent:** USTPO 6,861,972
- 📌 **Canada Patent:** CIPO 2,436,152

## PRODUCTS

- 📌 Ellistar Mk-1 ("mark one") advanced developmental wideband radar system
- 📌 Ellistar ESPG-1 low-cost, compact programmable baseband signal generator

## AWARDS

- 📌 Ottawa Student Entrepreneur of the Year
- 📌 First place in Eastern Ontario Student Technology Venture Challenge
- 📌 First place in the Wesley Nicol Business Plan Competition, Carleton University
- 📌 Jim Pedersen named one of Ottawa's "Top 40 Under 40" by the Ottawa business Journal
- 📌 NSERC Undergraduate Student Research Award, Eliane Belanger
- 📌 NSERC Undergraduate Student Research Award, Fiona Shearer



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