

Promark Electronics

30 Years of Electronics Manufacturing

- Subcontract Interconnect manufacturer for **OEM's (Original equipment manufacturers)**
- We manufacture custom **wire harnesses, cable assemblies, electromechanical assemblies, and control panels.**
- 130 employees
- Head office & Manufacturing site in Montreal, Canada

Presenters:



Jarred Knecht
President



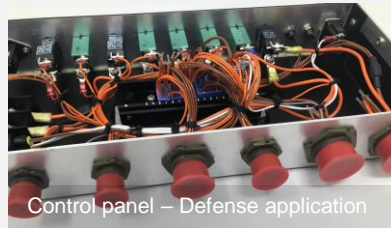
Michele Laddaga
Director of Operations

Products & Industries

Products



Automotive Wire harness



Control panel – Defense application



Electric vehicles



Medical with custom
connector

Industries We Serve



Rail/Transit



Aerospace



Defense



Industrial



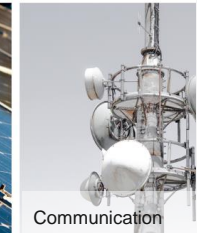
Medical



Electric Vehicles



Energy



Communication



Problems Worth Solving

The next generation of small parts electronics manufacturing

- Recruiting and retaining skilled electronics assemblers has become increasingly difficult
- Repetitive tasks require dexterity and a keen eye - these are often too intensive for assemblers over the long term
- Small parts assembly must always be done in collaboration with a human for decision making purposes
- Cost effective and flexible automation solutions can be inaccessible to small/medium businesses
- Quality is difficult to maintain in higher volume with the assembly of small parts

Collaborative Advanced Manufacturing project goal:

Research & implement **collaborative robots into small parts electronics** manufacturing:

- Powerful and precise tools when coupled with a skilled operator
- Flexibility through ease of handling and programming
- Increased level of automation = a rise in efficiency for both production and cost

Partnerships We Are Seeking:

- OEM's with electronics manufacturing in-house
- Manufacturers of small parts (PCB, Metal fabrication, Plastics)
- Robotics manufacturers/integrators

Collaborative Robots

The power tool of our generation

