

## SolarTraX Delivers

- Increase or enhance your ROI by up to 40%
- GPS controlled precision for solar pathway tracking year round
- Wind Sensor Safety monitoring
- Custom tailored solutions to fit every location and investment budget
- Manufacturer – Supplier Neutral Independence
- Meets Ontario Government Micro-FIT/ FIT requirements
- Azimuth and Elevation Tracking
- Remote Motor Drive Capability
- Web Portal Diagnostics



## Embedded Sense Credentials

ESI is a Government Certified-Approved Military Design-Manufacturer and a Turnkey supplier of “High-Tech” Military, Commercial and Industrial solutions . ESI also provides custom electronics and systems for Biometric - Medical applications and the Solar Industry.

With access to International suppliers, ESI provides cost effective state-of-the-art solutions to all its clients.

Our highly qualified staff have been providing unique custom solutions since 2002.

### ***Our Contact Coordinates***

## Solar Renewable Energy Division

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## SolarTraX™ Maximizing Your Solar Energy Harvest



**EMBEDDED**  
*Sense*



## SolarTraX™

Embedded Sense Inc.'s SolarTraX™ is designed to provide maximum energy harvest from your solar photovoltaic (PV) panel by accurately tracking the sun's pathway and consistently harvesting energy at maximum power.

- Single and dual axis tracking technology (azimuth/elevation)
- Cost effective
- Reliable—industry leading low maintenance requirements

This unique design delivers a complete green solution and the highest energy harvesting revenues.

## Custom Design - low price

ESI is "Manufacturer or Supplier Neutral", meaning, we are not locked into any one manufacturer. Our expertise allows us to "shop the world" for the best components in building an industry leading Solar Energy Harvesting System. Our independent approach allows us to customize a High Energy - Low Purchase Price system that meets your site specific needs and maximizes your Return on Investment needs



## SolarTraX Optional Components

ESI offers flexibility to facilitate any system size through:

- Remote motor drive via CANBUS/RS485
- Power (yield) and Temperature sensors
- Wind Sensor
- Wireless and/or cellular interface for remote monitoring.
- Battery backup

## Our Solar Family of Products

### SolarTraX™

Provides GPS (Global Positioning System) controlled solar pathway tracking.

### SolarTraX-R™

An optical solar alignment tool that provides azimuth and elevation data, is used for setup and periodic calibration. SolarTraX-R can also be used for experiments and for independent tracking during direct sunshine periods.

### SolarTraX-IT™

A web portal for diagnostics, monitoring, downloads and maintenance.



*Helping you capture the sun*