

All products are validated for technology approach and business case.



PRODUCT PORTFOLIO

Impeccable Research
Profound Applications
Market-Altering Results

MEDICAL DEVICES:

“NO STICK” INTELLIGENT DIABETES METER: A non-intrusive, automated, integrated glucose diagnostic and insulin dispensing innovation, using proprietary technology.

DIALYSIS TREATMENT SYSTEM: Non-invasive procedure, system and product, yielding vastly improved, rapid and effective treatment of kidney patients via proprietary transdermal fluid capture technology and subsequent diagnostic/treatment protocol.

“Nite-Safe”, and DIRECTIONAL/INTEGRAL CANE HANDLE LIGHT: Two distinct, license-ready versions of an effective floodlight for cane users in dimly lit areas. Both are Patent Pending.

HOLISTIC BODY SCANNER: Remote, non-invasive capture of vitals and a growing list of organ interrogation for diagnostic purposes, using proprietary technology.

SENSORY FEEDBACK NETWORK FOR NEUROPATHIC PATIENTS: Device provides sensory feedback network to lower extremities to aide with balance and walking, using proprietary technology.

INTERNAL ORGAN SENSORS: Implantable sensors placed on-site to monitor localized electrical activity, fluid pressure readings, fluid flow rates, localized temperatures and muscle movement. Data captured via hard wire or wireless, using proprietary technology.

ENERGY/UTILITY PRODUCTS:

INTELLIGENT ENERGY AND UTILITY METERS: Transcending existing “smart meters”, these scalable MEMS based products sense and control fluid or gaseous consumption from the source point through the entire distribution system and into a building to each point of use. Main safety feature is the ability to turn off the various media in the event of a catastrophe, using proprietary technology.

INTELLIGENT ELECTRIC METERS: Similar performance characteristics as the Utility Meter but designed specifically for the flow of electricity through a conductor, using proprietary technology.

AUTOMOTIVE/INDUSTRIAL:

“TorqueShaft” INTEGRATED MOTOR/DRIVE ASSEMBLY: Scalable and reversible stator and rotor subject to insulation requirements, using proprietary technology.

SCALABLE FLUID AND GAS FLOW AND PRESSURE SENSORS: MEMS based, using proprietary technology.

AUTOMOTIVE AND INDUSTRIAL SCANNERS: Nano to MEMS scale sensors for reading automotive and machinery dynamics, using proprietary technology.

FOOD SERVICE INDUSTRY:

“BeValve” (POST-MIX CARBONATED BEVERAGE DISPENSING SYSTEM): An automated sensory/control valve and system for total real time quality and maintenance control of commercial beverage machines incorporating unique proprietary sensor technology.