TV-1
AI research hybrid electric three-wheel/fly by wire test vehicle designed to drive autonomously from Barstow to Las Vegas.

Smart Stride
Electronic impact alarm for runner's shoes.

C.P.S
Random interferential TENS for continuous pain suppression.

S.F.D. Airbags
Accelerometer based Airbag Deployment System for Spacecraft Recovery.

Smart Switch
Working with Sensory Circuits, we helped develop this speech recognition circuit to recognize pre programmed phrases, turning on and off an outlet for lights or appliances.

Smart Battery
Microcontroller based design monitors the rechargeable batteries condition in Apple Omega M2 notebook computers. The PCB in the battery relays all the information to the computer for "fuel gauge and charge status" indicators.

Compliance Science
A low power embedded controller communicates via IR its logged data. Device works in conjunction with a Hand Held data terminal and an interface module for PC input.

E.O.G.-1000
Electro Osteo Genesis device produces PEMF that helps bones heal faster by exciting the calcium and magnesium ions in the damaged region.

E-SMART
In-sito sensor systems for General Atomics uses Neural Network IC's to communicate 32K sensors conditions in hazard waste sites to a central computer.

Baby Think it Over TM

Infant simulator. RISC OTP microcontroller and a voice synthesis IC creates the realistic response that make this baby doll Fortune Magazine's "Product of the year runner up."

Power Hitter
Baseball game simulator. A microcontroller interprets the impact signal from a Piezo film sensor and plays the game - runs the runners and keeps score.

Smart Wheel

Remote controlled wheel for stopping shopping carts. RISC OTP microcontroller reads RF signals to apply or release brakes, transmit or receive data, at minimum power consumption.

SilverStar 11

EPA approved Silver recovery system Monitors conductivity and electroplates out the silver in a photo solution.

Flusher Board
Automatic commode controller - microcontroller reads switches to control valves and motor sequence, timing.

Barrel Feeder
Automatic livestock feeder.

Explosion Simulator
Timed propane release and detonation for NTSC.

Video Board
PCB design for video conference system for SONY.

Soil Sampler
Hydraulic system controller for automated soil compact tester.

Flowmeter Transmitter
Precise measurement of water for concrete mixing.

Pressure Board
Monitors Hepa-filter performance, gives alarm for filter change.

Rug Bug
Programmable path automatic vacuum cleaner.

Micro III
RF controlled/ microcontroller based car alarm locks doors & flashes headlights – for BMW & Mercedes Benz