

EVRIŠKO Engineering Services

Evrisko Systems offers electronic hardware, software, database, and testing contract engineering services for customers looking for assistance for an internal engineering team, product redesign, new product, proof of concept, or prototype development. To ensure our customer's needs are met without compromise, a project development manager coordinates requirements and timelines to develop a design specification. Our staff includes experienced hardware and software engineers that work closely together on all products.

Concept / Prototyping / Manufacturing Engineering

Evrisko Systems has a working relationship with a number of the area's most reputable firms, including an Industrial Design Group; an ISO 9001/13485 Contract Electronic Manufacturer; and a rapid prototyping / full injection molding Plastic Manufacturer. Through our collaborations with these firms we are able to provide complete solutions to our customers from concept to full turnkey product manufacturing.

Hardware Design

Evrisko Systems engineers have experience in both analog and digital design, including logic design and synthesis, switching power supplies, sensor circuits, RF and antenna design as well as PC Board (PCB) design and layout. Previous product development includes both battery powered and externally powered devices.

Our portfolio includes numerous microcontroller and microprocessor designs interfacing with external devices through standard interfaces such as I2C, SPI, USB, Serial, and GPIO.

Software / Firmware Development

Evrisko Systems engineers develop software for use across a wide variety of platforms and in many programming languages. Our background includes experience with microprocessors, microcontrollers, real-time programming, and graphical user interfaces.

Product development includes complete custom firmware for all of our products along with software tools to support device configuration, system integration, monitoring and data reporting. Our software is designed to maintain firmware and tool compatibility across all products. Software languages include, but are not limited to: Java, C, C++, C#, .Net, Python, Perl.

Cloud and Database Development

Evrisko Systems is developing a web based application with a SQL database backend using Amazon Web Services (AWS).



Testing and Validation

Evrisko Systems develops fully automated functional test stations and custom test fixtures along with detailed test procedures to ensure that all assemblies and products are fully operational prior to being shipped to our customers.

Validation testing includes full manufacturing functional tests, power supply testing, accelerated battery life testing, and RF range testing. All Evrisko Systems products are designed to meet emissions (FCC), safety (UL), and environmental (ROHS) guidelines. Evrisko Systems works with various test labs to obtain all customer required agency certifications.

Wireless Projects

Evrisko Systems specializes in the design of Low-Powered WiFi based products. Custom hardware, firmware and a commercial off-the-shelf radio module are used in the development of these products. Evrisko Systems' software tools enable our products to be quickly and easily integrated onto an end-user's wireless network.

While the company's wireless expertise is WiFi; our staff has experience with other wireless technologies including ZigBee, Bluetooth, and proprietary 900MHz and 2.4GHz radio modules.

Niagara Certified Developer

Evrisko Systems is a certified Niagara AX driver and software developer for Tridium JACE products and have developed a custom Tridium JACE driver for our WiFi based sensor products. Our Niagara AX development team is available for custom software development in support of the JACE platform.



For more information:

Evrisko Systems, LLC
2322 Alpine Rd
Eau Claire, WI 54703

James Kylstad – CEO
952.270.7910
skandia7@aol.com

Charles Betz – VP Product Development
715.874.4684
charles.betz@evriskosys.com

Michael Buchmann - VP Engineering
715.874.4686
mbuchmann@evriskosys.com