

Code Developed

THAT MAKE THINGS
GO!



Tiresias Technologies

*Intelligent Systems are powerful
embedded systems and devices that
are inherently networked
The Internet of Things*

Software Development



REAL SYSTEMS FOR THE REAL WORLD

- > Intelligent Systems
- > Distributed Control Systems
- > Networked Devices
- > Electro-Optical Systems
- > Web Based Controls
- > Embedded Systems
- > Robotics
- > Highly Leveraged Open Source Systems
- > RTOS and Embedded Linux
- > Scientific Instrumentation
- > C, C++, Java, and Assembler
- > LAMP/XAMPP, Joomla, Drupal, MySQL

WHERE TECHNOLOGY MEETS INTELLIGENCE

Software for Intelligent Systems

We write software for Intelligent Systems and the networks that control and coordinate them. Intelligent Systems are powerful embedded systems and devices that are inherently networked. **The Internet of Things.** That could mean one, or a swarm of devices all working in consort. If you think that environment is a challenge to develop solutions for you would be right. It requires a special marriage of device software knowledge, networking, distributed control, device management and security expertise. Not everybody understands all of those domains, let alone making them all work in consort. We do.

Our engineers started in the embedded domain so they know the constraints that apply to embedded systems. Low power, power management, high performance, mission critical reliability, and resource optimization are the hallmarks of this space. Add the layers of protocols, synchronization, coordination and distributed control that networks bring and you have the picture.

We leverage best-of-breed software solutions including Open Source solutions like Embedded Linux to solve these hard problems. We do not endorse or embrace any particular provider or solution. Each customer has their own needs and problems to be solved and their own solutions to those problems. By staying independent we can assume the role of "honest broker" in determining value. Our customers know this and count on it.

If you are looking for your average programmers keep looking, we are not your people. If you are seeking the elite, experienced, real engineers who make things work instead of just talking about it then you have found them. We know what we are good at and we stick to it. Our forte is the intersection of software and hardware and networks. Our favorite computer language is "solder". To be frank, we are bit bangers, gurus where code meets metal. For us the solution has to live in the real world not some ethereal virtual one. Try us on. You are going to like what you see.

Where Intelligence Meets Technology

Software Development

"We shall do a much better programming job, provided we approach the task with a full appreciation of its tremendous difficulty, provided that we respect the intrinsic limitations of the human mind and approach the task as very humble programmers."

- Alan Turing

GET THE PROS

So in today's world where "programmers" are a dime-a-dozen we find projects farmed out to the lowest bidder. Often an "offshore mill" filled with recent graduates with little or no real world experience. Many of these folks having never written much more than "Hello World" in Java. Can you risk that? Will your project tolerate being spread over multiple continents, time zones and language barriers? Does that model really save you money in the end? We think not.

Software has become "the long pole in the tent" for most development efforts. And the reason is simple. 50% of all programmers are below average. We know this, and that is why we don't hire them. Because quality out rates quantity always. It means you have real honest to goodness engineers designing, writing, testing and debugging code on real systems for the real world.

EXPERIENCE

Here is a very short list of projects/programs/customers our staff has done work for:

- | | |
|--------------------------------------|--------------------------|
| Army Research Lab | Philips Medical Systems |
| Agfa | Scientific Atlanta |
| Department of Defense | SPARTA |
| Honeywell ACS | Naval Observatory (USNO) |
| ITT Industries | Naval Research Lab |
| Jet Propulsion Laboratory | Wind River Systems |
| National Radio Astronomy Observatory | |
| Large Unnamed Government Agencies | |



Tiresias Technologies

www.TiresiasTechnologies.com

Tiresias Technologies, Inc.
PO Box 191, Savage, MD 20763
301.526.0622

> Intelligent Systems

Intelligent Systems are powerful embedded systems and devices that are inherently networked. The Internet of Things.

> Distributed Control Systems

Networked processing, data collection and control working in consort to solve problems of scale, proximity or remoteness.

> Networked Devices

Smart "things". Embedded web services. Routers, telecom, datacom. Protocol analysis.

> Electro-Optical Systems

Laser Interferometry. Communications equipment development. Light meets electrons and vice versa.

> Web Based Controls

Human management interface and control of everything else we show on this page.

> Embedded Systems

Computers that are devices with defined roles and work to do, and do so with a limited footprint and resources. Want to know how something works? We can reverse engineer things too.

> Robotics

Take everything else we know, add some control theory and you get the picture. Motors, actuators, sensors, closed loops. If it moves, we can control it.

> Scientific Instrumentation

We speak "Scientist". Scientific devices and systems, electronics, optics, vacuum systems, sensors, detectors, data capture and analysis

> C, C++, Java and Assembler

Software development of applications, device drivers, operating systems porting, embedded and real-time systems. Code where bits meet the metal