



### Company

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WiSpry, headquartered in Irvine, CA, is a fabless RF semiconductor company that develops and markets RF Silicon integrated circuits, components and modules to manufacturers of wireless communication products.

Utilizing the Company's core competency in RF-MEMS (Micro-Electro-Mechanical Systems) technology, WiSpry brings significant performance improvement as well as size and cost reduction potential to mobile phone manufacturers and network operators through on-chip integration of dynamically tunable RF elements into mobile phone front-end circuits.

The key to the technology is the integration of patented RF-MEMS devices with an industry standard RF CMOS process flow thereby enabling convergence of digital, analog, RF and MEMS functionality on a single chip. WiSpry's innovative RF-MEMS devices permit the development of dynamically tunable RF front-end circuits and enable system designers to achieve the architectural innovation required to meet the growing functionality and capacity of future mobile communications networks.

### Products & Services

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WiSpry's growing portfolio of products is targeted at high volume multi-band and multi-standard wireless applications operating in the frequency range from 400MHz to 10GHz.

These products are designed for use in wireless products such as GSM, CDMA and W-CDMA mobile phones, local and wide area networking (802.11, Bluetooth, WiMax), and other applications where small size, extreme linearity, low insertion loss and low power operation are key performance parameters.

Since WiSpry's RF-MEMS circuit elements use an industry standard CMOS process, the level of integration of digital, analog and RF functionality is set by the CMOS process. This MEMS-based 'System on a Chip' architectural approach allows the integration of charge-pump and control circuitry as well as other high performance RF and digital circuitry. Typical applications for WiSpry's RF-MEMS devices include tunable matching networks and filters, antenna matching, re-configurable power amplifiers and mode/band switching for current generation and next generation "global" phones, mobile wireless subsystems and wireless base stations.

WiSpry's RF-MEMS technology is the key to dynamically tunable RF products that will dramatically simplify the design of future wireless product platforms.



## Corporate Fact Sheet

**Customers:** Mobile phone OEMs  
RF Module Manufacturers and Integrators  
Cellular Base Station Suppliers  
Cable and Satellite Set Top Box Providers  
Laptop Computer Developers  
Test and Instrumentation Equipment Manufacturers  
Electronic System OEMs

**Year Established:** 2002

**Key Executives:** Russell Garcia, *President and CEO*  
Jeffrey Hilbert, *Executive Vice President of Development*  
Mark Becker, *CFO*  
Dr. Art Morris, *Vice President of Engineering and CTO*  
Joseph Adam, *Vice President of Operations*

**Investors:** Arkian  
American River Ventures  
Blueprint Ventures  
DoCoMo Capital  
Hotung Capital Management, Inc.  
In-Q-Tel  
L Capital Partners  
Shepherd Ventures  
Tech Coast Angels

**Board of Directors:** Russell Garcia, *President and CEO, WiSpry, Inc.*  
Jeff Hilbert, *Executive Vice President of Development, WiSpry, Inc.*  
Harry Laswell, *General Partner, American River Ventures*  
John Levy, *Partner, L Capital Partners*  
Bart Schachter, *Managing Partner, Blueprint Ventures*  
Fred Selby, *Tech Coast Angels*



**Partners:** **Arkian**, an established leader in the supply and sourcing of advanced semiconductors, electronic components and network infrastructure to major Korean manufacturers & telecommunications OEMs.

**GSA**, the voice of the global fabless business model that provides a platform for meaningful global collaboration between fabless companies and their partners; provides timely research and resources; and identifies, debates, and discusses business and technical issues

**The GSM Association (GSMA)**, a global trade association representing more than 700 GSM mobile phone operators across 217 territories and countries of the world, and more than 180 manufacturers and suppliers. It's primary goal is to ensure mobile phones and wireless services work globally and are easily accessible, enhancing their value to individual customers and national economies, while creating new business opportunities for operators and their suppliers. *WiSpry* is a GSMA member in the innovator category.

**International Wireless Industry Consortium**, a pro-active international community of wireless and RF product OEM's and their suppliers.

**In-Q-Tel**, a private, independent, enterprise funded by the U.S. Central Intelligence Agency. Launched in 1999, In-Q-Tel's mission is to identify and invest in companies developing cutting-edge technologies that serve United States national security interests.

**MIG (MEMS Industry Group)**, the unifying voice of the commercial MEMS industry. Its mission is to try to understand and to eliminate the barriers that prevent the greater commercial use of MEMS and MEMS-enabled technology.

**Contact Information:** *WiSpry*  
20 Fairbanks, Suite 198  
Irvine, CA 92618  
(949) 458-9477 Phone  
(949) 458-9485 Fax  
[rf\\_memes@wispry.com](mailto:rf_memes@wispry.com)  
[www.wispry.com](http://www.wispry.com)

*WiSpry, Inc.*  
7 Corporate Park, Suite 260  
Irvine, CA 92606  
Phone 949.756.0020  
Fax 949.756.0070