

Kaben Wireless leading the way in reconfigurable RF technology

Wireless semiconductor company has tripled revenues and doubled staff in past year

Fast facts

Corporate profile

Kaben Wireless Silicon Inc. is a developer of wireless semiconductors specializing in the design of high performance radio microchips for a variety of wireless applications — such as WiMAX, cellular, FM/AM, Bluetooth, mobile TV and others.

Kaben Wireless was founded in 2000 and has developed a reputation as one of the best wireless Silicon design teams in the industry.

Why Ottawa

The most important factor in choosing Ottawa was the fantastic high-tech ecosystem that has developed here over the years. This includes an abundance of world-class engineering talent as well as availability of many support services such as marketing, finance and legal which are tuned to the needs of high tech firms.

Business advantage

Kaben Wireless has developed innovative, reconfigurable RF technology that enables new, low cost, high performance radio architectures. This reconfigurable RFIC technology is capable of addressing current and future market needs for multi-standard, multi-mode radio operation.

Kaben Wireless Silicon Inc. is a developer of wireless semiconductors specializing in the design of high performance radio microchips for a variety of wireless applications — such as WiMAX, cellular, FM/AM, Bluetooth, mobile TV and others. We are world-class experts in the RF, analog and mixed-signal semiconductor design. The company has a comprehensive semiconductor design expertise and an engineering development team with the staff level currently around 20.



The company was founded in 2000 by Tom Riley and has developed a reputation as one of the best wireless Silicon design teams in the industry. In 2007 the company attracted several experienced professionals to join its ranks including the high-tech startup specialist Paul Slaby as CEO and Jim Wight, world renown wireless expert and a professor at Carleton University, as Chief Scientist.

To date, the company has grown organically, supported by customer funding and self-financing. Currently the company is in the process of transforming itself to focus on products for the fast growth wireless sectors. The objectives of the new business plan include investing in innovation, pushing the performance edge, building a high value IP / patent portfolio, and building a brand image as the world's most innovative Wireless Silicon design team.

Kaben has a well established customer base (e.g. Intel, WJC, Mitsumi, Phaselink) and over 7 years of a successful track record with many proven design projects, most of which are in production with various customers.

more...

Ottawa has an abundance of world-class engineering talent as well as availability of many support services such as marketing, finance and legal which are tuned to the needs of high technology firms.

Why Ottawa

There are many well known advantages to locating a high-tech company in Ottawa. The city is a well established high-tech hub in the country with several large companies, such as Nortel, Cognos (IBM), Mitel, Alcatel-Lucent, and Corel, acting as its anchors. The extremely favourable refundable R&D tax credits offered by Canadian government are critically important to most early-stage high-tech firm. They allow to kick start the company or significantly reduce the amount of VC capital required. The lifestyle elements of locating the company in the National Capital include the cultural amenities, affordable cost of living and physical beauty of the physical surroundings.

To us, however, perhaps the most important factor in choosing Ottawa was the fantastic high-tech ecosystem that has developed here over the years. This includes an abundance of world-class engineering talent as well as availability of many support services such as marketing, finance and legal which are tuned to the needs of high tech firms. The vibe and connectedness stimulated by such organizations as OCRI tops it all. What else would you need? If we could only get the federal government to shorten our harsh winters, there would not be a better place on the planet!

Business advantage

The large, vibrant and rapidly growing market of wireless communication is characterized by multitudes of transmission standards and modes of operation.



To learn more about business in Ottawa,
visit us at ottawaregion.com

Among these we find long range wireless standards such as cellular, WiMax, broadcast radio, satellite communications, etc as well as short range standards such as Bluetooth, W-USB, RFID and others. Each of these requires complex and standard-specific radios (receivers, transmitters or both, referred to as transceivers). However with the current move towards multi-mode devices, such as cell phones with built-in FM tuners, Bluetooth connectivity, GPS, etc, the market requires solutions which provide this multi-standard functionality without the burden of use of multiple separate radios. Ideally, a single radio capable of multi-mode operation and built in a compact, practical and economical package is required.

Kaben Wireless Silicon has developed innovative, reconfigurable RF technology that enables new, low cost, high performance radio architectures. This reconfigurable RFIC technology is capable of addressing current and future market needs in terms of multi-standard, multi-mode radio operation. This proprietary reconfigurable radio technology, protected by a growing (8+) patent portfolio, provides basis for a variety of wireless semiconductor products required by end-product manufacturers thus solving the problem and addressing emerging market needs.

Future growth plans

The company has grown organically, supported by customer funding and self-financing and is currently in the process of transforming itself to focus on products for the fast growth wireless sectors. The objectives of the new business plan include investing in innovation, pushing the performance edge, building a high value IP/patent portfolio, and building a brand image as the world's most innovative Wireless Silicon design team. Kaben is on a fast, but controlled, growth track and has, over the last year, tripled revenues and doubled staff.

Over the years the company developed highly innovative proprietary technology, built a solid customer base, steady and growing revenue stream and assembled an experienced, proven track record management team. The engineering team is widely acknowledged as world's authority in its field. The market is vibrant, growing and full of various scale players which presents an environment in which liquidity is achievable and attractive ROI likely attainable.

Contact information

Kaben Wireless Silicon Inc.
+1-613-596-6646
www.kabenwireless.com

Go to www.ottawaregion.com for more
Ottawa tech success stories and videos