

# CORPORATE BACKGROUNDER



## OVERVIEW

GainSpan is an embedded Wi-Fi semiconductor company providing low power single-chip solutions. Whether companies are developing sensor networks or entering new markets enabled by low-power Wi-Fi, GainSpan provides the most cost-effective, energy-efficient approach. Founded from within Intel in 2006, GainSpan is the first company to develop a complete system-on-a-chip that runs reliably for up to 10 years on a single AA battery. Investors include Intel Capital, New Venture Partners, Opus Capital and OVP Venture Partners.

- **Headquarters: Los Gatos, California**
- **R&D office in Bangalore, India**
- **Secured \$20 million series B funding in December 2007**
- **Won the Applied Innovation Award for Business Excellence 2007**

## EXECUTIVE TEAM

**Vijay Parmar**, *President & CEO*

**Lewis Adams**, *CTO*

**Pankaj Vyas**, *VP, Software & Systems*

**John Roeser**, *VP, Worldwide Sales*

**Bernard Aboussouan**, *VP, Marketing*

**Haike Dong**, *VP, Operations*

## MARKET

GainSpan opens a new era of embedded wireless sensor applications. GainSpan innovation brings existing sensors as well as future enhancements to the realm of internet connectivity. There are a large and broad range of applications for Wireless Sensor Networks (WSNs) in the Commercial, Industrial, and Residential sectors. GainSpan focuses on those applications that can benefit from both a low Total Cost of Ownership by leveraging the existing Wi-Fi infrastructure and need ultra-low power consumption which allows long battery life.

GainSpan has traction and focus on four segments including:

1. **Asset Tracking:** provides location awareness for tracking people, vehicles or other high value assets in the supply chain.
2. **Building Automation:** to save energy, improve indoor air quality and safety.
3. **Cold Storage Monitoring:** to monitor temperature of goods through their supply chain.
4. **Home Automation:** Use the Home Area Network to monitor and control appliances to provide efficient energy usage.

## PRODUCTS

GainSpan hardware and software seamlessly enable any sensor node to be fully manageable via the internet. GainSpan Wi-Fi based integrated System on a chip eliminates the need for any external processor. A drop in architecture helps faster deployment based on the globally deployed Wi-Fi infrastructure.

The GS1010 single-chip device along with its embedded software stack is designed to be a highly integrated ultra low power wireless single chip which contains an 802.11 radio, media access controller (MAC) and baseband processor, on-chip flash memory and SRAM, and an applications processor all on a single package. It offers a highly scalable, reliable, manageable and secure wireless link to meet the growing demand of wireless sensor networks utilizing the broadly accepted IEEE 802.11 standards infrastructure.

## CUSTOMERS AND PARTNERS

GainSpan provides devices or modules through its partners along with a complete software solution that meet the specific requirements for revolutionary applications. We have customers in each of our target markets.

For more information, visit [www.GainSpan.com](http://www.GainSpan.com).

