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## **Senior Embedded Firmware Development Engineer**

We are looking for a Senior Embedded Firmware Development Engineer who will become a key contributor to our HDTV video surveillance applications and systems. The ideal candidate is a person with hands-on embedded firmware development expertise who enjoys working in an extremely aggressive engineering team. Depending on the individual, this position may also include some management responsibilities and evolve into the firmware development manager position.

Arecont Vision is a fast growing 7-year-old company where key contributors are valued highly. In order to maintain our leading position in the marketplace and stay on the cutting edge of technology, the R&D results are quickly propagated into products, and individual contributions are not lost in the sea of peripheral activities. We pay very competitive salaries and revenue-sharing bonuses to allow every key employee to fully share in our success.

Key words: embedded, C/C++, Networking, TCP/IP, HTTP, RTSP/RTCP/RTP, DHCP, JPEG, MPEG, H.264, IP camera, Microblaze, IP camera, firmware, IPv6.

### Job Summary:

- Develop embedded firmware for Arecont's megapixel IP cameras;
- Provide technical assistance to Arecont's integration partners and customers worldwide in developing applications involving Arecont's megapixel IP cameras;
- Prepare technical documentation related to application development.

### Requirements:

- MS in EE or similar, 5+ years of experience in the related field;
- Platform independent low level C/C++ development for embedded systems;
- Code optimization for very thin embedded systems;
- DMA, PHY/MAC networking and state machines;
- Encryption in modern networking;
- TCP/IP components development;
- WEB programming including HTML, JavaScript, AJAX.

### Additional Nice-to-Have Skills:

- Familiarity with image compression standards MJPEG, H.264;
- Familiarity with security and surveillance applications.

Arecont Vision is the leading manufacturer of the world's fastest multi-megapixel IP cameras and digital video surveillance systems. Leveraging its proprietary massively-parallel image processing technology, MegaVideo(R), Arecont Vision brings to the market a line of unique video systems that deliver full-motion HDTV resolution video at NTSC price levels.