



## **ELIGIBILITY, RULES, & REGULATIONS**

**I. OBJECTIVE:** The *Crossbow Smart Dust Challenge* contest was created to select the best executable idea for our wireless sensor network product that demonstrates how it is used, programmed, deployed and how it can positively impact society.

## **II. ELIGIBILITY/CONTEST RULES & REGULATION:**

### **Eligibility**

- The applicant or member of the applicant team may not be a current Crossbow employee and/or member of a current Crossbow employee's immediate family.
- Applicant of any age or national origin may enter the contest.
- Applicant may be an individual, a team, a corporate entity, or an educational organization.
- There is no limit on team size. However, there will be a \$500 budget allocated to each applicant (a team, corporate entity, educational organization constitutes one applicant) for expenses should the applicant be among the five finalists invited to UC Berkeley's TinyOS Technology Exchange in February 2005.
- Applicant may submit multiple entries. Each application entry will be judged on its individual merit. Therefore, each entry equally qualifies to win the contest prize regardless of whether the applicant has more than one entry.

### **Hardware Requirements**

- Crossbow's TinyOS platform and at least 3 of Crossbow's motes must be utilized.
- No other self made motes or 3<sup>rd</sup> party Smart Dust products may be used in conjunction with Crossbow's mote hardware.
- There is no restriction on the type of sensors that can be used.

### **Agreement to Rules**

- The application must be in English and must be typed.
- Complete Applications may be mailed or emailed.
- The contest opens June 1, 2004 and ends at 11:59 p.m. PT January 2, 2005. Mailed submittals must be postmarked by January 2, 2005. Emailed applications to [slee@xbow.com](mailto:slee@xbow.com) must be dated by January 2, 2005. Keep copies for your records. Crossbow assumes no responsibility for lost, misdirected, illegible or late entries or failed computer transmissions or technical failures.
- Completed entries submitted via email must be received by January 2, 2005. You will receive electronic confirmation of your email submittal once it has been received.
- With regards to the TinyOS software you develop for the Contest, you agree that such development will be contributed to the public domain.

- With regards to possible changes/modifications to Crossbow's hardware, you agree that the concept, techniques, algorithms, etc. will be the sole property of Crossbow, should you decide to change/modify the product in any way.
- Additions that you add to Crossbow's hardware such as a Sensor Board or packaging materials that could be easily detached and separated from Crossbow's hardware, unless patented, becomes part of the public domain.
- The applicants selected as part of the five finalists must be able and willing to travel to UC Berkeley's TinyOS Technology Exchange in February 2005 to showcase their demonstrations. Finalists must bring their hardware, prototypes, and props to fully demonstrate the capability of their projects.
- If you are selected as one of the five finalists, you agree that Crossbow may publicize your name and the description of the work you did to become a finalist. Apart from the prizes associated with being selected as a finalist, Crossbow shall not be obligated to compensate you in any way for such publicity.
- Cash prizes won by the five finalists will constitute taxable income for the applicants.

**III. CRITERIA FOR JUDGING:** Entries will be evaluated based on the following criteria. The applicant with the most points will win the contest. Total possible points are 300.

- 50 points - Impact to Society
- 50 points - Originality of Concept
- 50 point - Commercial Value/Benefit to User
- 50 points - Ingenuity of Bringing Concept to Deployment
- 100 Points - Completeness of Demonstration (includes programming, packaging, clarity of presentation, efficiency, and thoroughness of idea and execution)

**IV. CASH & PRIZES:**

- 1st Prize - Winner - \$10,000
- 2nd Prize - Finalist - \$2,000
- 3rd Prize - Finalist - \$1,000
- 4th Prize - Finalist - \$500
- 5th Prize - Finalist - \$500

In addition to cash prizes, all finalists will be awarded \$500 for travel/lodging expenses to attend the UC Berkeley's TinyOS Technology Exchange in February 2005 to showcase their demonstration.

Finalists will get exposure and publicity from a prestigious panelist of judges who will include commercial industry leaders, the venture capital community, government officials, and the press.

**V. COMPLETE APPLICATION:** Incomplete applications will not be reviewed and will be disqualified. Complete application includes the following:

- Completed Entry Form, which includes outline questionnaire to be fully answered.
- Product Specification Form.
- Required Documentation Supplements to be attached.
- Contestant Consent Form.
- Optional – Videotapes, props, pictures, or equipment are within the applicant's discretion to send and use. Please DO NOT send your Crossbow notes or prototypes. Due to the large volume of submittals, we cannot return anything that you mail in.

- The deadline to submit your completed entry form is: January 2, 2005. (Entry forms must be postmarked by this date.) Send to the following address:

Attention: *Crossbow's Smart Dust Challenge*  
Crossbow Technology, Inc.  
41 Daggett Drive  
San Jose, CA 95134

- If you do not have any optional materials and would like to email your application instead, you may email to [slee@xbow.com](mailto:slee@xbow.com). Your email must be received by January 2, 2005.