ARDESTA

Leading the Small Tech Revolution.

Executive Summary
January, 2003

Ardesta, LLC is a diversified technology company whose mission is to be the leader in bringing Small Technology products to the global marketplace. Ardesta creates and invests in Small Tech companies; provides business and technical resources to support these companies; and develops infrastructure to support the Small Tech industry.

Small Technology

Ardesta's "Small Tech" market focus encompasses such fast growing and disruptive fields as microelectromechanical systems ("MEMS"), microsystems and nanotechnology. These revolutionary technologies improve existing products or enable the creation of new products by making them smaller, more reliable and energy efficient, and smarter and less expensive to manufacture and operate. While often smaller than can be seen by the human eye, Small Tech devices sense, think, communicate and cause action -- changing how we communicate, how we interact with the environment, and how we treat and prevent illnesses. Small Technologies have already made their way into many of the products used today, such as heart pacemakers, inkjet print heads, automobile airbags, digital projectors, pressure sensors, GPS systems and hearing aids, and will enter into countless new products in the coming years.

While already significant, Small Tech markets are poised for high growth in the coming years. According to a recent Cahner's InStat research report, the MEMS devices market alone is expected to dramatically increase from an estimated $3.9 billion in 2001 to $9.6 billion in 2006. The National Science Foundation currently predicts that the market for nanotechnology products and services in the U.S. will reach $1 trillion by 2015. While we believe that that the NSF estimate is overly optimistic, government funding (often a precursor to market development) has skyrocketed to over $2 billion worldwide for 2002, and is growing rapidly.

Ardesta's Role

Since October 2000, Ardesta has established itself as the leader in commercializing Small Tech products. Ardesta serves as the bridge between the universities/research laboratories involved in cutting edge basic research and the customers searching for product solutions that Small Tech can provide. In addition to founding Small Times, the Small Tech industry's leading magazine and web site, Ardesta has started or invested in fifteen product companies in its four principal vertical markets of *Environmental Safety and Security, Communications, Life Sciences and Energy & Transportation.*

Ardesta has focused on developing a balanced group of product companies in terms of their life cycle stage: research, emerging, or revenue generating. Half of the fifteen companies are shipping products to customers or have samples or prototypes being tested by potential customers. The others are expected to be in the samples phase during 2003 or early 2004.

Start-up companies that enter the Ardesta family receive assistance in essential business areas- from finance to human resources to business development- so that those companies may immediately focus on commercial development of their technologies. Furthermore, Ardesta's

relationships allow start up companies to have many of the same advantages as larger, more established companies.

Ardesta has developed strong relationships with some of the premier Small Tech research institutions such as Sandia National Laboratories, the University of Michigan and the University of California at Berkeley, and has emerging relationships with other premier universities such as Massachusetts Institute of Technology (MIT) and Oxford University. These relationships provide Ardesta with access to key intellectual property, the top specialists in the field, and an inside view as to the direction of the technology and industry.

Ardesta is also developing important relationships with industrial companies that are the principal customers of Small Tech products. Based on the needs communicated to Ardesta by industrial leaders, Ardesta is able to create "catalogs" of available Small Technologies that can be developed into products.

Management

Ardesta has created an extremely strong team consisting of management, industry-leading outside advisors, and directors. Overall strategic management responsibility for Ardesta resides in its Board of Directors. Day-to-day operations of Ardesta are principally managed by its three co-founders:

Rick Snyder is Chair of the Board and CEO of Ardesta. Rick first came to national prominence during his tenure at Gateway, Inc., where he served as President and COO, and where he continues on the board of directors. He also formed and served as President of Avalon Investments, Inc., the largest technology venture capital fund in Michigan history.

Steve Johns is Senior Vice President of Corporate and Business Development, responsible for all new investments and business start-ups as well as managing Ardesta's growing number of investments in product companies. Steve previously served as president of MEMS Technology, Inc., the predecessor company to Ardesta. Steve has also served in executive roles with Launch Media, a digital media company, and Gateway, Inc.

Chris Rizik is Senior Vice President of Operations, responsible for all operations of Ardesta, including the provision of business and technical services to Ardesta's family of companies. Chris previously served as Managing Director of Avalon Investments, Inc., and was a senior partner with Dickinson Wright PLLC, leading that firm's Emerging Business Group.

Ardesta has established an exceptional pool of talent, with experienced management, strong internal technical resources, and a world-class technical advisory board. Among Ardesta, its subsidiaries, its family of companies, and its advisors, there are 220 people, which include 86 advanced degrees in science or engineering (66 are PhD.s), and 35 professional degrees. This is one of the world's largest networks of intellectual capital focused on Small Tech.