

Business Plan August 1997

Virtual Ink Corporation Kendall Square Post Office Box #369 Cambridge, MA 02142-0003

617 225 9806 (24 hr. messages)

http://www.virtual-ink.com e-pen@virtual-ink.com

Table of Contents

EXECUTIVE SUMMARY

1. THE COMPANY & THE PRODUCT	1
1.1 OVERVIEW	1 1
1.4 PRODUCT VALUE	
2. MARKET RESEARCH AND ANALYSIS	4
2.1 Market Definition	
2.3 Market Size	4
Figure 1 - Early Adopter Market Segment Profile	6
Table 1 - Competitor Profiles	7
2.7 Marketing Plan	8
Figure 2 Financial Statements Summary	
4. DESIGN AND DEVELOPMENT PLANS	10
4.1 DEVELOPMENT STATUS AND TASKS 4.2 CURRENT DESIGN GOALS ARE: 4.3 DIFFICULTIES AND RISKS 4.4 SENSOR INTERFACE MODULE.	10 10
4.5 RANGE COMPUTATION 4.6 COMPUTER INTERFACE 4.7 SOFTWARE DRIVER	11 11
4.8 PRODUCT IMPROVEMENT AND NEW PRODUCTS	11
5. MANUFACTURING AND OPERATIONS PLAN	
5.1 DEVELOPMENT STATUS: ALPHA PROTOTYPE 5.2 STRATEGY AND PLANS: PRODUCTION MODEL Figure 3 - Alpha Prototype Assembly Drawing. Figure 4 - Implementation Schedule	12
6. MANAGEMENT TEAM	15
APPENDICES	III

Virtual Ink Corporation is a computer peripherals company whose lead product automatically transcribes what users write on existing chalk or whiteboards, thus enabling automatic, inexpensive, error-free, real-time transcription of handwriting and sketching. Virtual Ink was the first place runner-up in the 1997 MIT Entrepreneurship and Business Plan Competition for its primary product, the **e-pen**TM. **e-pen**TM is a labor-saving, productivity and communication enhancement tool that could enable the automatic capture of valuable shared thoughts communicated daily between millions of office and academic users.

EXECUTIVE SUMMARY

*What is the product?

e-penTM is a patentable human-computer interface tool that converts any common writing surface as large as 10 meters x 16 meters into an electronic transcription device. **e-pen**TM links the writing instrument wirelessly to a personal computer replacing the need for subsequent manual transcription. Hand sketches and notes can be captured accurately, rapidly, and automatically during brainstorming sessions and incorporated directly into documents.

*What is the market size?

The estimated 50 million white-collar offices world-wide with both a personal computer and either a chalk or whiteboard are potential $e^{\bullet}pen^{\top}$ sales candidates. We anticipate initial adoption by several hundred thousand team-oriented professionals such as management consultants, design engineers, academics, and industrial designers. Over time, the direct electronic capture of written group meeting notes will be as indispensable as a common conference call or document photocopying.

*What are the startup costs?

Virtual Ink anticipates initially requiring \$320,000 to complete the beta prototype of the **e•pen**[™], provide for legal and infrastructure expenses related to startup and to cultivate potential customers. To finance start-up we intend to seek initial capital from venture capitalists and corporate partners. Further investment of \$2.0 million is needed for finalizing the product, further setting up company infrastructure, lining up lead vendor-channel relationships, landing significant corporate accounts, and accelerating global marketing efforts.

*What is the payoff?

Virtual Ink anticipates break-even within 2 years. In addition to our product sales, we expect royalty revenue from licensing our position sensing and software technology. Within 3 to 5 years, Virtual Ink anticipates an IPO or sale of the company to fuel further growth and to offer liquidity to investors.

* Management Team

The technology component of the management team consists of MIT-trained engineers: Yonald Chery (product conceiver and Chief Technology Officer), William Moyne (Software Development Lead), Andrew Kelley (Manufacturing Development Lead), and Matthew Verminski (Hardware Development Lead). The business component of the management team currently consists of MIT Sloan-trained finance and marketing members: Michael Dixon (Chief Financial Officer) and Rosaline Gulati (Marketing Director). We are currently recruiting a chief executive officer and directors for our corporate board.