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A History of HP Inc.

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Table of Contents

- **Introduction**
- **Chapter 1** The Garage Origin: Hewlett-Packard's Formative Years
- **Chapter 2** Early Innovations and Market Entry: Test & Measurement Dominance
- **Chapter 3** The Rise of Silicon Valley: HP's Role in a New Era
- **Chapter 4** Expanding Horizons: Calculators, Computers, and New Divisions
- **Chapter 5** The Personal Computing Revolution: HP's Entry into a New Market
- **Chapter 6** Printer Powerhouse: Laying the Foundation for Imaging Dominance
- **Chapter 7** Leadership and Culture: The HP Way
- **Chapter 8** Navigating Economic Shifts: Growth and Challenges
- **Chapter 9** Acquisitions and Diversification: Expanding the Portfolio
- **Chapter 10** The Internet Boom and Bust: Adapting to a Changing Landscape
- **Chapter 11** The Compaq Merger: A Transformative Integration
- **Chapter 12** Post-Merger Realities: Restructuring and Strategic Adjustments
- **Chapter 13** Innovation in the 21st Century: New Product Development
- **Chapter 14** Shifting Market Dynamics: The Rise of Mobile and Cloud
- **Chapter 15** Leadership Transitions and Strategic Realignment
- **Chapter 16** The Decision to Split: Crafting HP Inc. and Hewlett Packard Enterprise
- **Chapter 17** The Birth of HP Inc.: A Focused Personal Systems and Printing Company
- **Chapter 18** Reinventing Printing: 3D Printing and New Technologies
- **Chapter 19** Modern Personal Systems: Design, Performance, and Innovation
- **Chapter 20** Global Market Presence: Reaching Customers Worldwide
- **Chapter 21** Sustainability and Social Impact: HP Inc.'s Corporate Responsibility
- **Chapter 22** Competition and Collaboration: Navigating the Tech Landscape
- **Chapter 23** Financial Performance and Shareholder Value: The S&P 500 Journey
- **Chapter 24** Adapting to the Future: Emerging Technologies and Trends
- **Chapter 25** The Legacy Continues: HP Inc.'s Enduring Impact

Introduction

In the annals of American enterprise, few companies embody the spirit of innovation and enduring impact quite like HP Inc. From its humble beginnings in a Palo Alto garage to its current stature as a global technology leader and a prominent member of the S&P 500, the journey of HP is a compelling narrative of ingenuity, adaptation, and sustained relevance. This book, "A History of HP Inc.: The Story of an S&P 500 Company," delves into the rich tapestry of this iconic corporation, exploring the pivotal moments, transformative decisions, and technological breakthroughs that have shaped its trajectory and left an indelible mark on the modern world.

At its core, the story of HP is a testament to the power of vision and collaboration. It began with two Stanford engineers, Bill Hewlett and Dave Packard, whose shared passion for invention sparked a revolution in electronics. Their early work in test and measurement not only laid the groundwork for a thriving business but also helped to cultivate the nascent ecosystem of what would become Silicon Valley. This foundational period, marked by a unique corporate culture known as "The HP Way," fostered an environment of trust, respect, and continuous innovation, proving that a company could achieve extraordinary success while prioritizing its people and values.

As the decades unfolded, HP consistently demonstrated an remarkable ability to evolve, venturing beyond its initial focus to embrace new frontiers. From pioneering the personal computer revolution to dominating the imaging and printing markets, the company has repeatedly redefined itself, anticipating and responding to the ever-changing demands of the technological landscape. This journey has not been without its challenges, including economic shifts, intense competition, and significant strategic realignments, such as the momentous decision to split into two distinct entities: HP Inc. and Hewlett Packard Enterprise. Each chapter in this history illuminates how HP Inc., specifically, has navigated these complexities, emerging as a focused leader in personal systems and printing.

This book offers more than just a chronological account of events; it provides insights into the strategic thinking, the cultural ethos, and the relentless pursuit of excellence that have defined HP Inc. We explore the company's commitment to reinventing printing with advancements like 3D technology, its continuous innovation in modern personal systems, and its expansive global market presence. Furthermore, we examine HP Inc.'s unwavering dedication to sustainability and social impact, recognizing its role not just as a technology provider but as a responsible corporate citizen influencing communities worldwide.

Ultimately, "A History of HP Inc." is a story of enduring legacy and forward-looking

vision. It is a narrative for anyone interested in the evolution of technology, the dynamics of corporate leadership, and the remarkable journey of a company that has consistently adapted, innovated, and thrived for over eight decades. By tracing the path of HP Inc. through its triumphs and trials, we gain a deeper understanding of the forces that have shaped the information age and the continuing impact of a company that remains at the forefront of innovation, an integral component of the S&P 500, and a testament to the enduring power of American enterprise.

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CHAPTER ONE: The Garage Origin: Hewlett-Packard's Formative Years

The story of innovation in the heart of what would become Silicon Valley often begins with a modest, unassuming structure: a one-car garage in Palo Alto, California. This is where, in 1938, two brilliant minds, Bill Hewlett and Dave Packard, laid the groundwork for a company that would not only bear their names but also significantly influence the trajectory of the electronics industry and modern technology itself. The garage, located at 367 Addison Avenue, has since been recognized as a California Historical Landmark and the "Birthplace of Silicon Valley," a testament to its pivotal role in technological history.

Hewlett and Packard were more than just business partners; they were friends who had met as electrical engineering students at Stanford University in the early 1930s. Their shared passion for electronics and a drive to create something new were further fueled by their mentor, Professor Fred Terman. Terman, often referred to as the "Father of Silicon Valley," actively encouraged his students to establish their own electronics companies in the area, a departure from the prevailing trend of graduates heading East to join established firms. He envisioned a vibrant technological hub in California, and Hewlett and Packard were among the first to embrace his vision.

After graduating from Stanford in 1934, Hewlett pursued a master's degree at MIT, while Packard gained experience at General Electric in New York. However, Terman's influence and the allure of starting their own venture eventually drew them both back to Palo Alto. In 1938, Packard, along with his newlywed wife Lucile, moved into the first-floor apartment at 367 Addison Avenue. Bill Hewlett, still unmarried at the time, took up residence in a small shed on the property. The modest 12-by-18-foot detached garage became their workshop, a cramped but fertile ground for their early experiments and entrepreneurial dreams.

With a mere \$538 in initial capital, Hewlett and Packard began their part-time operations, taking on various freelance projects to make ends meet. These early endeavors were a diverse mix, ranging from a diathermy machine (a medical device producing heat) for a Palo Alto clinic to a device for astronomers at the Lick Observatory to accurately set a telescope. They even tinkered with more unusual items like a harmonica tuner, a foul-line indicator for a bowling alley, and an electric eye for automatic toilet flushing, showcasing their wide-ranging technical curiosity. Lucile Packard played a crucial role during this period, managing the company's books and records from the family table, while also lending her oven for baking paint onto prototypes.

The formal establishment of the Hewlett-Packard Company occurred on January 1, 1939. A legendary coin toss decided the order of their names, with Hewlett-Packard emerging victorious over Packard-Hewlett. This seemingly trivial act reflected the egalitarian spirit that would later become a hallmark of their corporate culture. Their first major product, which truly set them on their path, was the HP 200A audio oscillator.

This audio oscillator was a breakthrough, born from Bill Hewlett's graduate work at Stanford, where he applied the concept of "negative feedback" to an oscillator circuit. His innovative addition of a small light bulb to act as a negative feedback element allowed for greater accuracy and a significantly lower price point compared to existing oscillators on the market. While similar devices cost around \$500, the HP 200A was sold for approximately \$55. This combination of innovation and affordability quickly established Hewlett-Packard's reputation for quality and ingenuity.

The HP 200A's success was quickly recognized, and a pivotal moment arrived when Walt Disney Studios placed an order for eight of these oscillators. Disney intended to use them to test sound equipment in the twelve specially equipped theaters that would show their groundbreaking 1940 film, *Fantasia*, which was released in stereophonic sound. This significant order provided the fledgling company with crucial validation and financial stability.

By the end of 1939, their first full year in business, Hewlett-Packard's sales totaled \$5,369, with profits reaching \$1,563. This early commercial success allowed them to finance their first advertisement in *Electronics* magazine. The HP 200A, and its subsequent variations like the 200B, proved to be an enduring product, remaining viable for at least three decades with only minor modifications. The rapid growth spurred by their oscillator business meant they quickly outgrew the confines of the Addison Avenue garage. In 1940, they moved to a rented commercial space in Palo Alto, marking the end of their garage phase but not the spirit it embodied.

The garage at 367 Addison Avenue, though no longer an active workshop, remains a powerful symbol. It represents not just the birthplace of Hewlett-Packard but also the very ethos of Silicon Valley: that groundbreaking innovation can emerge from the most humble of beginnings, fueled by ingenuity, collaboration, and a willingness to challenge the status quo. This foundational period also saw the nascent development of what would become known as "The HP Way," a progressive business philosophy emphasizing teamwork, innovation, and a deep respect for individuals, inspired in part by Professor Terman's teachings. It was a culture that valued open communication, integrity, and a customer-centric approach, setting a precedent for many future tech startups in the region. The formative years in that small garage were more than just about building products; they were about building a company culture that would leave an indelible mark on an entire industry.

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