

# **ENCOMPASS SOFTWARE: MANAGING ENTREPRENEURIAL GROWTH INSTRUCTOR'S NOTES**

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## **CASE DESCRIPTION**

The primary subject matter of this case concerns **Entrepreneurship, Entrepreneurial Marketing and aspects of New Product Development and Marketing Planning in an entrepreneurial context**. This case addresses key issues faced by entrepreneurs when transitioning startups into successful long-term ventures. Specifically, the case explores the key tasks needed to be undertaken in a business (a technology firm focused on the development and commercialization of software with utility in scheduling patients in a healthcare setting), and encourages students to consider the priorities needed to be established for continued success. The case has a difficulty level of three, appropriate for junior level courses in entrepreneurship and marketing. The case is designed to be taught in a 75-minute class period and is expected to require up to 2 hours of outside preparation by students.

## **CASE SYNOPSIS**

The case is written from the perspective of the protagonist, the CEO of Encompass Software, a startup company dedicated to the development and commercialization of software with utility in scheduling patients in a healthcare setting. The CEO is faced with a challenge, one critical to the company's continued success.

In this Case, the CEO faces the dilemma of how to best position the company and its product offerings for continued success in an increasingly competitive environment.

[NOTE: This case is a fictionalized account of a real-life situation. Names and other identifying information have been changed. However, the applicable facts and situations are true to the real case. Additionally, the actual dates and timeframes of the industry statistics presented have been adjusted for the purpose of this case.]

## **SUGGESTED TEACHING APPROACH**

The case may be used to explore several key issues in Entrepreneurship, Entrepreneurial Marketing, New Product Development and Marketing Planning (particularly how product-based startup entities might approach the risks of growth) in an entrepreneurial context. Thus, the instructor can exercise considerable discretion in emphasizing areas of particular interest and relevance to the class. The instructor notes identify those highly relevant topics based upon the facts of the case and the opinions of the authors. The case can be used in a variety of

undergraduate courses: Introduction to Entrepreneurship, New Venture Creation & Planning, Managing Entrepreneurial Growth, and Entrepreneurial Marketing. Throughout these notes, we provide references to serve as reading supplements designed to help students better prepare for class discussions.

### **Case Goals and Learning Objectives**

By researching the issues presented in this case, students will:

1. Learn to apply critical thinking skills to solving issues that arise in an entrepreneurial context, particularly relating to managing entrepreneurial growth.
2. Learn the significance of establishing and implementing effective marketing strategies for an early stage enterprise.
3. Appreciate the importance of the product life cycle and how early stage companies must recognize the potential transitions associated with changes in the marketing situation, thus impacting product and marketing strategy and the marketing mix.
4. Understand the concept of strategic marketing planning/product marketing strategy and how it may be used to identify opportunities to increase revenue for a growing entrepreneurial business.
5. For more advanced classes in both Entrepreneurship and Marketing, or depending upon the instructor's particular interests, the case can be used to explore how marketing can be made more appropriate in an entrepreneurial context and specifically, to examine ways in which entrepreneurial marketing differs from traditional marketing theory.

### **Assignment/Discussion Questions**

As CEO of Encompass Software, consider and answer the following general questions:

1. Review the facts of the case and identify the primary issues faced by Encompass CEO, Jane Haywood.
2. For each issue, list, research, and describe the alternative courses of action that may be taken, and determine the likely consequences of each proposed action for you as the CEO.
3. Based upon the above, what are your priorities and what are the specifics as regards to how you will move forward?

As CEO of Encompass Software, consider and answer the following specific questions:

1. Evaluate Encompass' marketing efforts as described in the case. Do you agree with the approaches taken by the company?
2. How would you answer Haywood's question: "Can I have sustained success as a one-product company?". "If not, what additional products should I offer?"
3. Do you agree with the decisions ultimately made by Haywood?

In the first instance, students may be directed towards appraising the performance of Encompass to date based upon the facts of the case and the data presented. Students should readily appreciate that Jane Haywood and the management team at Encompass have moved

beyond the new venture creation/startup stage and have developed a successful entrepreneurial enterprise serving a previously unmet need in the healthcare sector for significantly more effective and efficient patient scheduling. In just 3 years, Encompass has achieved both impressive revenue growth (\$3.2MM) and profitability (20%). The company's roster of clients has risen to 30 healthcare facilities and customers seem generally satisfied with the product and customer service package that the company offers, although feedback from customers (following initial experience with the product) has suggested areas for possible improvement. Moreover, as time has passed and SchedEaze has gained wider acceptance amongst key customers and accounts, the company itself has gained insights and experience relating to the consumer buying process, particularly how the purchase decision is made and post-purchase behavior (see also below).

A key question asked by Jane Haywood concerns the viability of Encompass as a one-product company, particularly in light of emerging competitive pressures from other vendors offering related technologies to potential healthcare customers. Students should appreciate the issue Encompass faces is far from unique in new ventures. Largely because of financial constraints, startup companies rarely have the resources to develop and commercialize multiple products at one time.

However, attractive market opportunities exist for companies that are "first to market", and unless there are robust barriers to entry, competitive activity should be anticipated. Meanwhile, products are rarely "static" in the marketplace, the dynamics of which also change, and students should understand that products transition through various product life cycles. The instructor may wish to introduce the concept of the product life cycle as articulated by Vernon (1966) and challenge students to describe where in the product life cycle SchedEaze is at the time of the case. Related concepts, particularly diffusion of innovations (Rogers, 2010), may also be discussed in the context of SchedEaze, relating this typology of customer adoption to the Encompass patient scheduling software solution and the implications for product-market growth planning considerations (see also below).

### **Implications of Buyer Behavior and Buyer's Remorse**

The instructor should reinforce that thorough analysis of the market must be a prerequisite for arriving at appropriate and actionable product market strategies. Clearly, this can be undertaken by the management team at Encompass but customer feedback is also of paramount importance. Encompass has been operating in the healthcare/patient scheduling software space for some 3 years to date and insights from key accounts and purchasing decision makers will be crucial to formulating product market strategy going forward and addressing the questions Jane Haywood asks to herself.

At this point, the instructor might like to reinforce an understanding of the 5-stage buying process as a model that is important for any organization making marketing decisions (Webster and Wind, 1972; Sheth, 1973; Sheth et al., 1999). The model implies that customers/consumers pass through all stages in every purchase (although in more routine purchases, customers often skip or reverse some of the stages). The facts of the case do not lend themselves to an appreciation of whether Encompass considered all components of the model or are now simply confronted with issues pertaining to post purchase evaluation by users of the SchedEaze system. However, the latter is certainly an issue for Encompass consideration. An interesting digression is for the instructor to introduce the concept of cognitive dissonance (Festinger 1962). The most common example of cognitive dissonance in the business world is the occurrence of "buyer's

remorse." This happens when a consumer makes a decision to purchase an item and, shortly after, experiences guilt over the choice, wondering if another equally appealing item might have brought greater satisfaction. Given that in the case of SchedEaze, competition is increasing in the form of alternative patient scheduling software solutions, it is possible that customers may trial competitor offerings or even switch to these, should they perceive a compelling reason to do so. The instructor may reinforce that it is the job of the marketing team at Encompass to communicate with an influence to customers that the product satisfies and will continue to satisfy their organizations' patient scheduling needs.

The importance of encouraging the customer that he or she has made the right purchasing decision is also important for the Encompass team to embrace as regards to formulating product market strategy. Thus, Haywood should actively seek out feedback from the company's existing customer base. The case describes areas of both positive and "negative" feedback from SchedEaze users that students should be encouraged to assimilate into their decision making in terms of product market strategy. The instructor can discuss what these formalized mechanisms for feedback might comprise. Encompass developed a customer survey process where, at least quarterly, the company sent customers electronic survey materials for completion. These were fed into the Encompass Customer Relationship Management (CRM) system and results reviewed and analyzed. Increasingly, CRM's are a vital tool for managing a company's interaction with current and potential future customers. The instructor can discuss the nature of CRM systems that compile information from a range of different communication channels, including a company's website, telephone, email, live chat, marketing materials, social media and more (Shaw, 1991). Through the CRM approach and the systems used to facilitate CRM, businesses learn more about their target audiences and how best to cater to their needs. Information gleaned from the use of effective CRM systems can be vital to early stage companies contemplating alternative growth strategies.

In reality, the Encompass CRM provides the company with "alerts" regarding overall or individual customer problem trends so that these could be addressed as needed. The company also utilized detailed user feedback sessions at annual User Group meetings, where customers spent time with key company personnel and other users discussing product functionality and customer service. The company used these sessions to gain feedback on the use of SchedEaze and how to best improve the product. In addition, Encompass ensured that customers were visited a number of times per year to review the system use and to identify potential areas for improvement. Finally, several analyst groups monitor the healthcare software industry and these groups provide detailed customer feedback as well as competitor information and data.

### **Product-Market Growth Considerations**

At this point, the instructor may introduce students to a widely used strategic planning tool that provides a framework to help executives and marketers devise strategies for future growth. Since it was first introduced in the 1950's, the Ansoff Product-Market Growth Matrix (Table 1 Ansoff, 1957) is a widely used tool for marketers to evaluate ways to grow their business via existing and/or new products and markets. In particular, the matrix illustrates that the element of risk increases as strategy moves away from known quantities – the existing product and the existing market. Thus, Product Development (requiring, in effect, a new product that is substantially modified or improved) and Market Expansion (a new market), typically involve greater risk to the organization than "Penetration" (existing product and existing market);

while Diversification (new product and new market) generally carries the greatest risk of all. The instructor can use class discussion to contemplate Encompass available options relating to the alternatives defined by the Product/Market Ansoff Matrix viz., market penetration, market development, product development and diversification. Students should be asked to prioritize Encompass actions with respect to these strategic alternatives and contemplate how Jane Haywood might execute on these.

Of particular relevance to the present case study is Ansoff’s seminal perspective that firms wishing to diversify have to make choices between product and market diversification (or a combination) (Ansoff, 1957). His product–market matrix provides managers with four strategic diversification options. First, managers can choose to diversify their product line extension while maintaining their current market focus (i.e., sell new products/services to existing customers). Second, managers can maintain their current product line but expand their markets (i.e., sell current products to new customers, by expanding either geographically or to a different customer set). Third, managers can choose to maintain both their current product and market mix. The final choice is to expand both the product line and markets.

Table 1 Ansoff Product-Market Matrix (Ansoff, 1957)

	<b>EXISTING PRODUCTS</b>	<b>NEW PRODUCTS</b>
<b>EXISTING MARKETS</b>	<b>Market Penetration</b> – sell more of the same to the same market	<b>Product Development</b> - sell a new product into the same target group
<b>NEW MARKETS</b>	<b>Market Development</b> - Sell your existing product into a new market	<b>Diversification</b> - Produce and sell a new product into a new market

## **Application of Ansoff Matrix to Encompass Product-Market Decisions**

### **Encompass Market Penetration Considerations**

A market penetration strategy usually considers products that are currently offered by the firm and that are also directed at an existing market. Utilizing this strategy, there can be further exploitation of products without necessarily changing the product (itself) or the outlook of the product. This may be possible through the use of different promotional methods, varying pricing policies that may attract more clientele, or efforts to make distribution more extensive.

In market penetration, the risk is usually the least since the product(s) are already familiar to the consumers and the established market is familiar to the firm. Another way in which market penetration can be increased is by utilizing various initiatives that might encourage increased usage of the product. Students will likely be familiar with examples experienced in everyday life (e.g. coupons and related promotion tactics) that encourage market penetration.

In the present case, Encompass considered how to better position SchedEaze for

continued growth within the industry. The company reviewed data from the VHA Study that indicated a large number of healthcare organizations (39%) had still not implemented enterprise scheduling, and concluded there was scope for further revenue growth in the current market. The company therefore prioritized marketing activities to maximize success with current customers and to consolidate its market position to other “like” healthcare facilities. Encompass used actual improvement results from current customers, of which a number were “top 100” healthcare facilities. Because of the positive reputation of these customers, the company was able to leverage customer testimonials and results (through “white papers”) combined with target focused marketing to gain increased market awareness, which led to an increased customer base.

Notably, the Company also rolled out a “subscription-based” pricing option instead of its traditional license fee-based model. With the subscription model, customers paid a small upfront installation and training fee and then a monthly fee based on the use of the system. The advantage of this option to the customer was it significantly reduced the upfront investment costs of SchedEaze by spreading out payments. Encompass benefitted by the development of a continuing, predictable revenue source. Additional promotional strategies leveraged a well-conceived strategic marketing plan to increase both product and company awareness in an increasingly competitive market (examples included 3-dimensional direct mail pieces and advertising in major healthcare trade publications).

Depending upon the focus of the class and the instructor’s interests, these activities indicate a shift from an entrepreneurial marketing orientation to a more traditional marketing approach as the start up enterprise evolves and grows (see also below).

### **Encompass Product Development Considerations**

In adopting a product development strategy, new products are introduced into existing markets. Product development can differ from the introduction of a new product in an existing market or it can involve the modification of an existing product. By modifying the product one might change its outlook or presentation (e.g. packaging), or increase the product’s performance or quality. By doing so, it can appeal more to the already existing market. Students will be familiar with iconic companies such as Apple and Gillette who consistently utilize effective product development strategies to influence product life cycles via incremental innovations.

Encompass focused much of its research and development resources on this strategy, believing it could increase revenue by selling new, complementary products to existing customers. The Company felt a particular strength of this approach was it could sell at a higher close rate and lower cost to existing clients. Encompass therefore assessed customer feedback to develop three new products, Encompass ID, Medical Necessity, and its Call-Back Reminder system. These products worked in conjunction with SchedEaze and are described in the case. The instructor may wish to use this implemented strategy to lead a class discussion as to the merits of these new product offerings.

## **Encompass Market Development Considerations**

The third available product-market strategy according to Ansoff's rubric is market development. In this approach, the business sells its existing products to new markets. This can be made possible through further market segmentation to aid in identifying a new client base. Market development assumes that the existing markets have been fully exploited, thus there is a need to venture into new markets. There are various possible approaches to executing market development, which include: new geographical markets, new distribution channels, new product packaging, and different pricing policies. In new geographical markets, the business can expand by selling their products to other (new) countries/overseas markets. It may also mean setting up other "branches" of the business in new territories. The instructor might use the example of franchises and discuss how various businesses have adopted this (franchise) method as a way of establishing other branches in new markets. From the perspective of Encompass, the company believed that it had an opportunity to increase revenue by selling to a "down market" or smaller, typically non-traditional Encompass customers. Although part of the overall hospital market and representing over half of the total hospitals in the US, Encompass had previously focused on larger, better funded facilities and had thus ignored this market. Encompass identified new potential customers (under 100 bed institutions) that were generally in rural locations and had limited budgets (for technology solutions) and "lesser" product functionality needs. From the case, students might note that fully 51% of hospitals were in this new potential market category.

Thus, and with the addition of new SchedEaze product features, Encompass decided to rebrand its current version of software (without the new product features) as a product designed specifically for smaller healthcare facilities. Pricing was also adjusted (reduced) for this product, from an average of \$350,000 per sale to around \$100,000.

## **Encompass Diversification Considerations**

The fourth product-market strategy to consider is diversification. This growth strategy involves an organization marketing or selling new products to new markets at the same time. It is generally accepted to be the riskiest strategy among the others as it involves two unknowns, new products being created and the fact that the business may not be fully cognizant of development problems that may occur in the process. There is also the fact that there is a new market being targeted, with unknown characteristics. For a firm to take the step to diversify, they need to clearly appreciate what might be gained versus the risks involved.

At Encompass, much time was spent amongst the management team assessing this option. The instructor might raise a discussion regarding what could comprise both new products and new markets for Encompass as a diversification strategy.

The Company considered taking its scheduling expertise into other markets such as physician office scheduling, veterinary medicine appointments, as well as into non-healthcare markets, including equipment maintenance scheduling. Although the Company felt the opportunities in other markets were large, it ultimately decided not to pursue these possibilities due to the Company's limited resources (at the time) and because of management's lack of expertise in these industries.

## Entrepreneurial Marketing vs. Traditional Marketing

For more advanced classes, the case represents an ideal vehicle for discussing critical differences between conventional marketing and entrepreneurial marketing as summarized in Table 2 and amplified in Table 3 (below).

Table 2 Entrepreneurial Marketing Compared to Traditional Marketing Concepts (Stokes, 2000)

Marketing Principles	TRADITIONAL MARKETING	ENTREPRENEURIAL MARKETING
Concept	Customer-orientated: Market-driven, product development follows	Innovation oriented: Idea-driven, intuitive assessment of market needs
Strategy	Top-down segmentation, targeting, and positioning.	Bottom-up targeting of customers and other influence groups
Methods	The marketing mix Four/Seven P's	Interactive marketing methods Word-of-mouth marketing
Market Intelligence	Formalized research and intelligence systems	Informal networking and information gathering

Information relating to the scope of Encompass marketing efforts is limited in the case, although this may lend itself to a discussion of the differences between entrepreneurial marketing approaches compared to traditional marketing concepts (as presented in standard textbooks e.g. Kotler, 1988). Entrepreneurial marketing is focused on innovations and the development of ideas in line with an intuitive understanding of market needs. In contrast, traditional marketing assumes that a thorough assessment of customer needs precedes product or service development. Entrepreneurs target customers through a bottom-up approach to the market place, not the top-down segmentation, targeting and positioning processes typically associated with traditional marketing. As appears to be relevant to the instant case, entrepreneurial marketers have a preference for interactive marketing methods, working closely with existing customers and relying on word-of-mouth communications to find new ones. Thus entrepreneurial marketing is characterized by informal information gathering through networks of personal contacts, rather than the systematic market intelligence gathering advocated in traditional marketing approaches and texts. Entrepreneurs gather information through informal networking rather than formalized intelligence systems. These processes play to entrepreneurial strengths and represent marketing that is more appropriate in entrepreneurial contexts, rather than marketing which is second best due to resource limitations (Stokes, 2000).

Table 3 below summarizes several of these key differences, suggesting that an entrepreneurial marketing approach requires changes not only in behavior but also in the underlying attitudes held by those responsible for marketing activities. Engaging in actions that are innovative, entail risks, or are more proactive implies that managers understand and have a positive affect towards such normative behavior. They must develop skill sets to support these activities. Thus, entrepreneurial marketing is more than simply an examination of the role of marketing in entrepreneurship or the role of entrepreneurship in marketing. It entails a shift from



the use of the word “entrepreneurial” as an adjective to entrepreneurial marketing as a central concept that integrates the two disciplines of marketing and entrepreneurship. It represents an alternative approach to marketing under certain conditions (Morris et al., 2002).

Table 3 Applying Entrepreneurial Marketing at Three Different Levels (Morris et al., 2002)

	Traditional Marketing	Entrepreneurial Marketing
Basic Premise	Facilitations of transactions and market control	Sustainable competitive advantage through value-creating innovation
Orientation	Marketing as objective, dispassionate science	Central role of passion, zeal, persistence and creativity in marketing
Context	Established relatively stable markets	Envisioned, emerging, and fragmented markets with high levels of turbulence
Marketer’s role	Coordinator of marketing mix; builder of the brand	Internal and external change agent, creator of the category
Market approach	Reactive and adaptive approach to current market situation with incremental innovation	Proactive approach, leading the customer with dynamic innovation
Customer needs	Articulated, assumed, expressed by customers through survey research	Unarticulated, discovered, identified through lead users
Risk perspective	Risk minimization in marketing actions	Marketing as vehicle for calculated risk-taking, emphasis on finding ways to mitigate, stage or share risks
Resource management	Efficient use of existing resources, scarcity mentality	Leveraging, creative use of the resources of others; doing more with less; actions are not constrained by resources currently controlled
New product/service development	Marketing support new product/service development activities of Research and Development and other technical depts..	Marketing is the home of innovation; customer is co-active producer.
Customer’s role	External source of intelligence and feedback	Active participant in firm’s marketing decision process, defining product, price, distribution and communications approaches.

## REFERENCES

- Ansoff, H. I. (1957). Strategies for diversification. *Harvard Business Review*, 35(5), 113-124.
- Festinger, L. (1962). *A theory of cognitive dissonance* (Vol. 2). Stanford University Press.
- Kotler, P. (1988). *Marketing management: Analysis, planning, implementation, and control*. Englewood Cliffs: Prentice-Hall.
- Morris, M. H., Schindehutte, M., & LaForge, R. W. (2002). Entrepreneurial marketing: a construct for integrating emerging entrepreneurship and marketing perspectives. *Journal of Marketing Theory and Practice*, 10(4), 1-19.
- Rogers, E. M. (2010). *Diffusion of innovations*. Simon and Schuster.
- Shaw, R. (1991). *Computer-aided marketing and selling: information asset management*. Robert Shaw.
- Sheth, J. N., Mittal, B., & Newman, B. (1999). *Consumer behavior and beyond*. NY: Harcourt Brace.
- Sheth, J. N. (1973). A model of industrial buyer behavior. *The Journal of Marketing*, 50-56.
- Stokes, D. (2000). Putting entrepreneurship into marketing: the processes of entrepreneurial marketing. *Journal of Research in Marketing and Entrepreneurship*, 2(1), 1-16.
- Vernon, R. (1966). The product life cycle. *Quarterly Journal of Economics*, 66, 121-140.
- Webster Jr, F. E., & Wind, Y. (1972). A general model for understanding organizational buying behavior. *The Journal of Marketing*, 12-19.