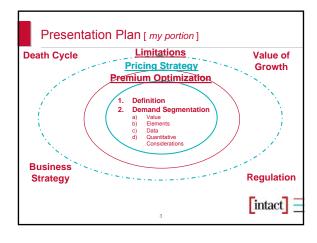


Championing Price Optimization

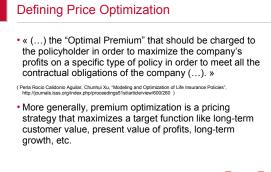
Many pricing executives identify the value of Price Optimization and push for application of such projects in their companies. However, in many cases obtaining the required buy-in, budgets, and technical infrastructure takes very long, and even fails. Actuaries in particular must develop a wider understanding of the overall business strategy (e.g., short term profitability vs. customer lifetime value), as well as business realities such as price elasticity, distribution strategies and IT constraints, in order to succeed in a pricing (as opposed to a costing) world. This session will review the recurring hurdles associated with price optimization, both generally and from the actuary's perspective, and advise on how to overcome some of these hurdles. Data considerations for nontraditional lines will also be discussed.

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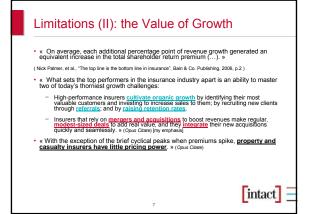
Limitations (I): the Death Cycle

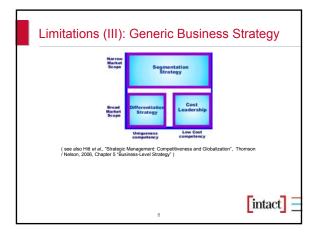
- « (\ldots) rarely through the dramatic organic growth that once created their success. »
- Lars Kolind, "THE SECOND CYCLE: Winning the War Against Bureaucracy", Chapter 1 "The First Cycle: Why Success Breeds Failure", Wharton School Publishing; 1 edition (May 4 2006)
- « (...) the core business is milked to a degree that leaves too little for the ongoing renewal and regeneration of it. » $_{(Opus \ Citate)}$
- « First generation management that had a passion for products and customers is substituted with a different type of manager (\dots) . » $_{(Opus}$ $_{Clated}$

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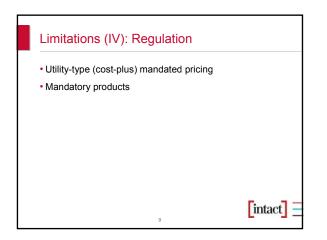
• « (...) long-term sustained growth seldom comes from clever financial management. » (Opus Citate)

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Demand Segmentation (I): the Value

- Steadfast policyholders:
 - Increase new-customer referrals.
 - Buy more products.
 - Are less price-sensitive.
 - Are less likely to shop around or defect.
- « Our analysis shows that a 5% increase in retention rates corresponds to a nearly 80% increase in the lifetime value of the ongoing customer relationship. » (Bain, Bain, Charles, C

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Demand Segmentation (II): Elements

• Who decides?

- What is the customer's level of <u>risk aversion</u>?
- Is the customer <u>'naturally' price sensitive</u>?
- What are the insurance alternatives available to the customer?
- Is the decision emotional? automatic? rational?
- How valuable are services, extra protection, etc. to the customer?
 (reely inspired from J. Paul Peter, James H. Donnelly, Jr., 'a Preface to MARKETING MANAGEMENT', McGraw-Hill, 2006, Chapter 3 "Consume Behavior", Chapter 4 "Business, Government, and Institutional Buying". Chapter 5 "Market Segmentation")

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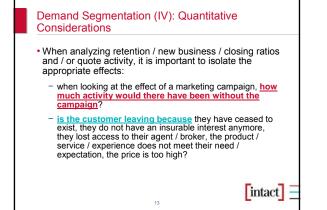
Demand Segmentation (III): Data

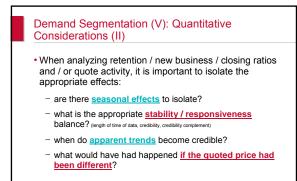
Objectives of R&D must be clearly defined:

- Is it to determine an initial pricing structure for a new product or refine an existing pricing structure for current products?
- Type of data:
 - Quantitative vs. Qualitative
 - Direct (from consumers) vs. Indirect (from operations, agents, brokers, etc.)
 - Small sample vs. At large sampling
 - In-house vs. Outsourced
- (freely inspired from Ibid., Chapter 2 "Marketing Research: Process and Systems for Decision Making ")

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