

Framework for analyzing Service Operations

A summary of relevant literature compiled by Gabriel R. Bitran

CORE AND SUPPLEMENTARY SERVICES

• <u>Features</u>: period of policy,

flexibility, benefits payable

<u>Tangibles</u>:
 brochures, policy
 documents

Packaging:
other benefits
included in package
(e.g. advice services)

Branding: importance of company reputation

INSURANCE

Processes: methods used to process policies and claims

Accessibility:
whether available
direct or through
insurance brokers

Quality:
level of CSI sought
with respect to
outcomes and

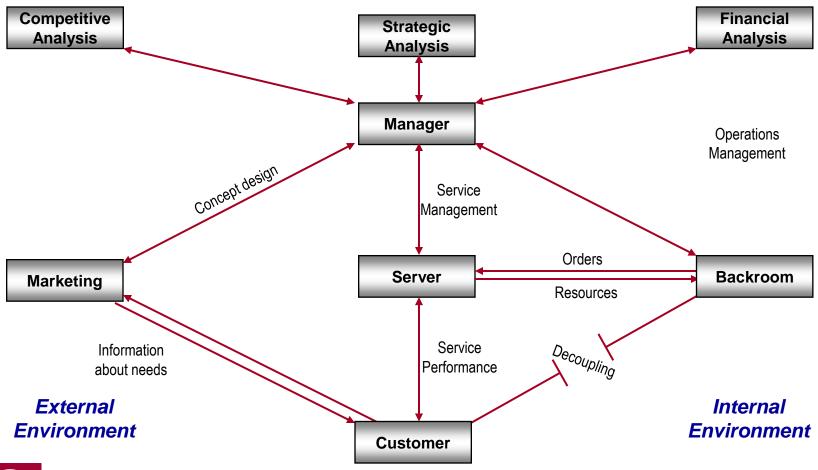
processes

CORE
BENEFIT:
"Peace of
Mind"

Service Course

Service Framework
Source: Christian Dussart

External and Internal Environment





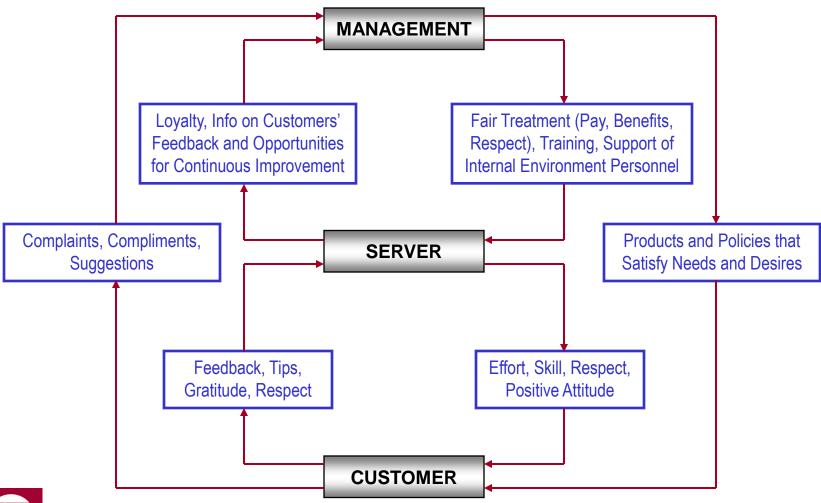
Some Characteristics of Services

a) ATTRIBUTES OF SERVICE

- > Intangibility explicit and implicit intangibles
- Perishability an hour of non-production is an hour lost
- Heterogeneity inherent variability of service
- Simultaneity services are simultaneously produced and consumed
- Based on Consumer Perception
- Value Added Concept
- Main Services Versus Facilitating Services



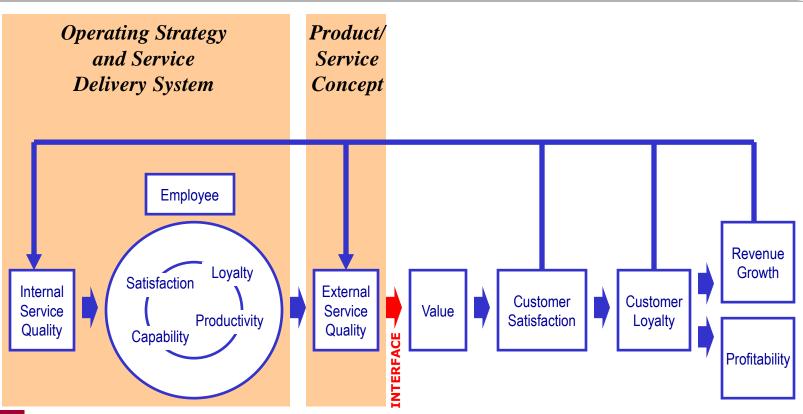
Dynamic Interactions





Service Profit Chain

Leadership





Source: Heskett, Jones, Loveman, Sasser, & Schlesinger

Cycle of Success

Figure from Schlesinger, Leonard A. and James L. Heskett. "Breaking the Cycle of Failure in Services." Sloan Management Review, 32:3 (1991) p.17. This figure was removed due to copyright restrictions.



Cycle of Failure

Figure from Schlesinger, Leonard A. and James L. Heskett. "Breaking the Cycle of Failure in Services." Sloan Management Review, 32:3 (1991) p.17. This figure was removed due to copyright restrictions.



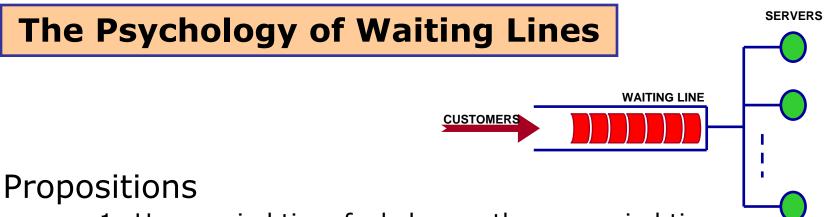
Operations Management

e) Demand and Resource Smoothing

- Controlling demand
 - Pricing strategies
 - Complementary services
 - Reservations system (appointments)
 - Develop non-peak demand
 - Preventive maintenance
- Controlling supply
 - Floating staff, part-time employees
 - Maximize efficiency. Cross training of staff, flexible equipment
 - Modular facility design
 - Work-at-home
 - Share capacity



Management of Queues



- 1. Unoccupied time feels longer than occupied time
- 2. Process waits feel longer than in process waits
- 3. Anxiety makes waits seem longer
- 4. Uncertain waits are longer than known, finite waits
- 5. Unexplained waits are longer than explained
- 6. Unfair waits are longer than equitable waits
- 7. The more valuable the service, the longer the customer will wait
- 8. Solo waits feel longer than group waits

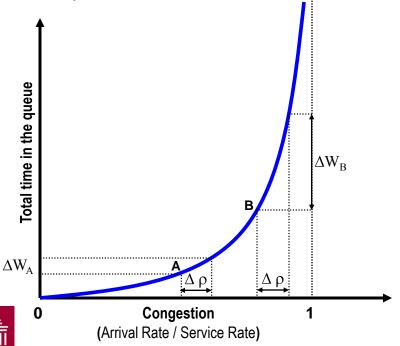


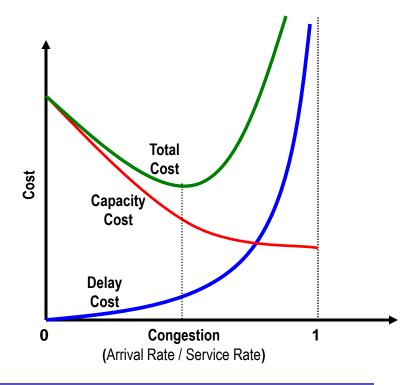
Management of Queues

Some characteristics of Queuing Systems

- Number and type of servers
- Waiting time, service time, and system time
- Queue discipline
- Number of people in queue

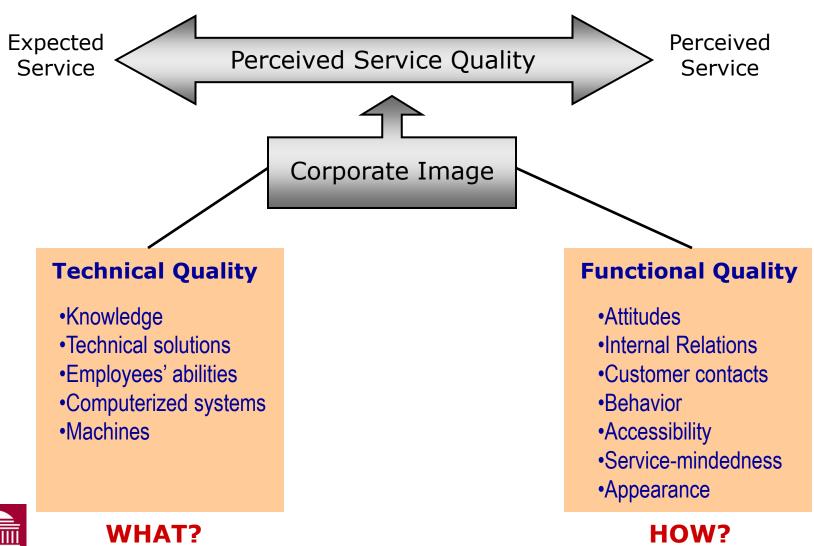
System utilization







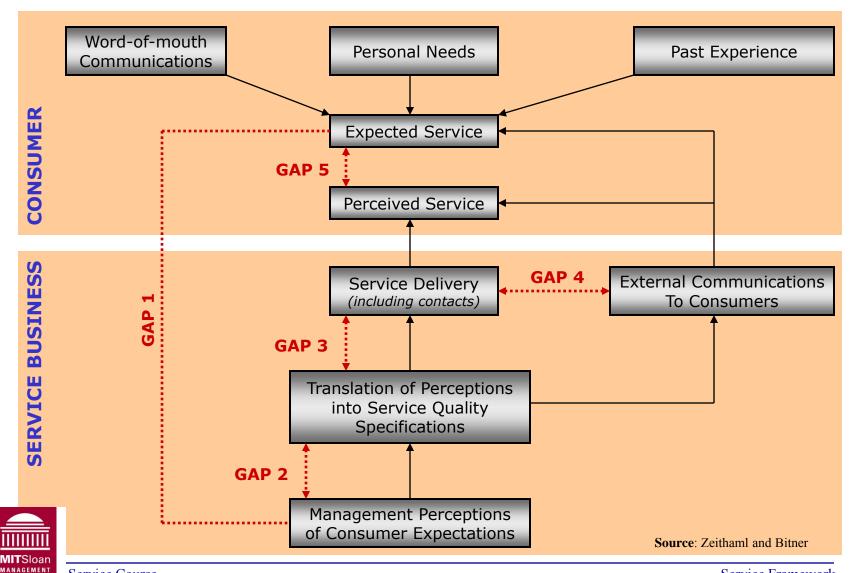
Quality Control: Perceived Service Quality





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Quality Control: The Service Quality Model



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Service Framework

Service Guarantees

A summary of relevant literature compiled by Gabriel R. Bitran



Outline of the Lecture

- Characteristics
- Attitudes
- What a guarantee does
- Higher benefits



Characteristics

A good service guarantee is:

- Unconditional
- Meaningful
- > Easy to understand and communicate
- > Easy and painless to invoke
- > Easy and quick to collect
- > Credible



Source: D. Hart

Attitudes

Negative

"How do I minimize warranty costs while maximizing marketing punch?"

Positive

- ➤ "The guarantee is the single most reliable way to identify operational areas needing improvement; Guarantees not acted upon are data not collected."
- Money spent on the guarantees is an investment in customer satisfaction and loyalty."



Source: D. Hart

What a guarantee does

- Service guarantee forces an organization to explicitly define its customers needs
- ➤ A service guarantee forces an organization to understand all the elements of its service-delivery process
- A service guarantee forces an organization to determine the root causes of its operational problems
- A service guarantee forces a sense of urgency on an organization
- A service guarantee forces an examination of vendor quality



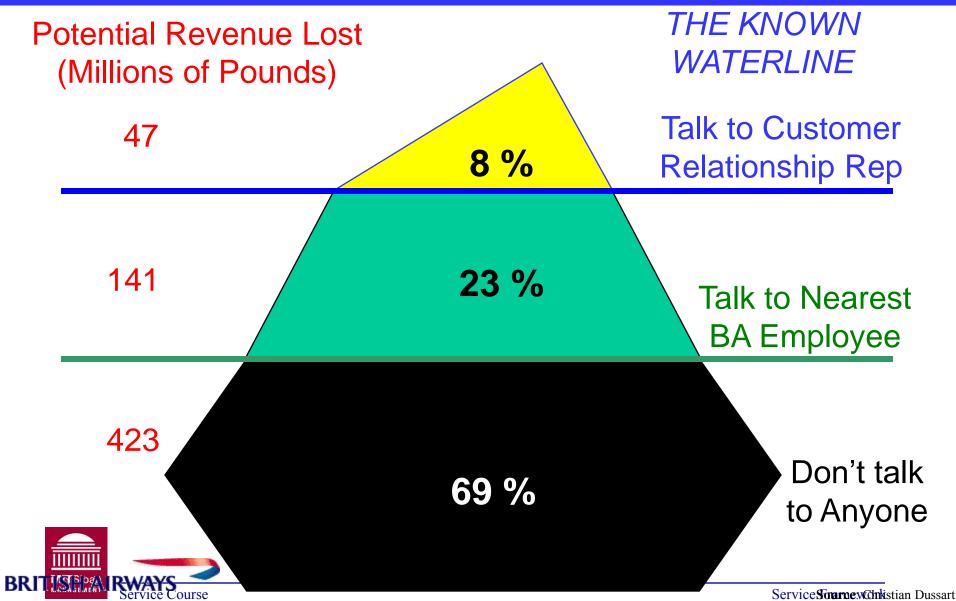
Higher benefits

The benefit of a service guarantee is higher when

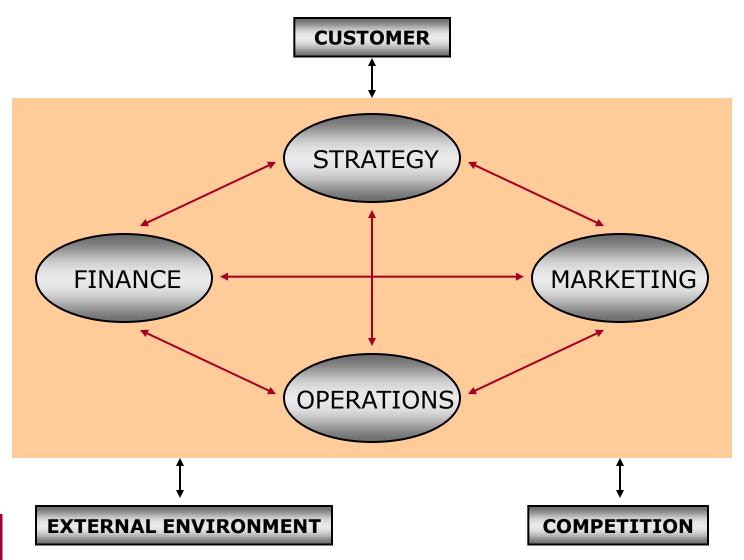
- > The price of the service is high
- > The customer ego is on the line
- > The level of the customer expertise with the service is low
- The negative consequences of service failure are high
- Customer's image of service quality in the industry is low
- The company depends on a high rate of customer repurchase



THE "COMPLAINANT ICEBERG" AT BA (1/3 of total customers)



Integration





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15.768 Management of Services: Concepts, Design, and Delivery Fall 2010

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