Business Success Means Understanding Your Customers' Service Usage

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#### discussion framework

- service provider and enterprise IT challenges
- knowing the customer tricky business for data services
- HP OpenView dynamic netvalue analyzer (DNA)
- case study and conclusions



# service provider objectives

#### revenue generation

- identify new opportunities in a rapidly changing business environment
  - understand how subscribers use services
  - influence subscriber behavior

price evaluation

- test-drive new pricing structures and price points for services
  - charge by service value
  - charge by service delivery cost

profit maximization

- pricing plan-service optimization
- loyalty/churn reduction
- lifecycle management
- resource re-allocation



#### service provider mobile revenue



# challenges facing service providers and enterprises



- shifting priorities in the new business environment:
  - -profitability and return on assets
  - -consolidation and globalization
  - -customer retention
  - -revenue capture for new services
  - -cost containment and accountability
- business basics



# why is usage management important?



#### revenue and cost benefits

#### •billing, internal chargeback

usage/tiered billing
desktop/ department
accountability

•fair allocation of costs

#### decision support

•service pricing, bundling

•outsourcing

•caching, storage, etc.

•"If you don't measure it you can't manage it."



data services differ from traditional telephony models

- vast diversity of services
- distributed nature of user data
- scale factor
- real time data processing



# the internet opportunity challenges timely business decisions

- the Internet provides a rich environment for the rapid proliferation of customized services
- Internet customers generate vast amounts of usage data
- most current business analysis systems save all the raw data... then analyze it<u>later</u>.
- large storage systems
  - = costly infrastructure
  - = long delays in getting the results



### Internet Data Record Example (Configurable)





With usage data in hand, operators can capture service value or better manage costs

- customer segmentation
- pricing/ profit/service delivery cost analysis
- service modeling, capacity planning
- evaluate new business models
- churn reduction
- usage-based billing
- cross-sell/upsell
- service bundling



#### hp OpenView dynamic netvalue analyzer



hp OpenView dynamic netvalue analyzer transforming customer usage into profitability



#### case study: Telstra Multimedia

question:

can I lower prices to attract new customers without risking my

revenue stream?

background:

- interested in opportunities to grow business, e.g. increased market share
- fixed/usage-based pricing in place

issues:

- better understand distribution of subscriber usage
- revenue growth through increased customer base
- up-sellhigh-end users to premium plans



### DNA trial deployment at broadband ISP







### DNA analysis tool



### DNA findings

- business analyst explored many different financial scenarios based on factual customer usage data.
- evaluated many fee-plus-usage pricing combinations, including prospect of significantly reducing fixed fees-an idea sure to capture the attention of dialup subscribers
- change could mean greater revenues, with no incremental investment in the network
- independent analysis found DNA models to be "extremely accurate!"





• identifies and quantifies revenue and profit

opportunities

• better understand your customers and their

usage behavior to increase loyalty

- supports the development of new, differentiated service offerings
- simplifies, speeds and improves decisionmaking by enabling you to:
  - focus on profitable business growth
  - identify, monitor and understand business changes and their impact in minutes
- instills confidence
  - interactive profitability models when you need the m
  - information is always up-to-date

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# for more information

# www.hp.com/usage

thank you!



#### IUM convergent mediation



- Open
- Distributed (scalable)
- Robust (recovery, auditing)
- Extensible (plug-ins)

• Highly configurable

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- Manageable
- Secure
- Near real time