

Intangibles in a Continuous Reporting Schema

Miklos A. Vasarhelyi
KPMG Professor of AIS
Rutgers Business School

Outline

- ▶ **Preaching to the choir**
- ▶ Most interesting things already happened by the time a bookkeeping entry was made
- ▶ Obstacles and fallacious basic assumptions
- ▶ Some lessons from XBRL
- ▶ A continuous reporting schema
- ▶ Further speculation

Preaching to the choir

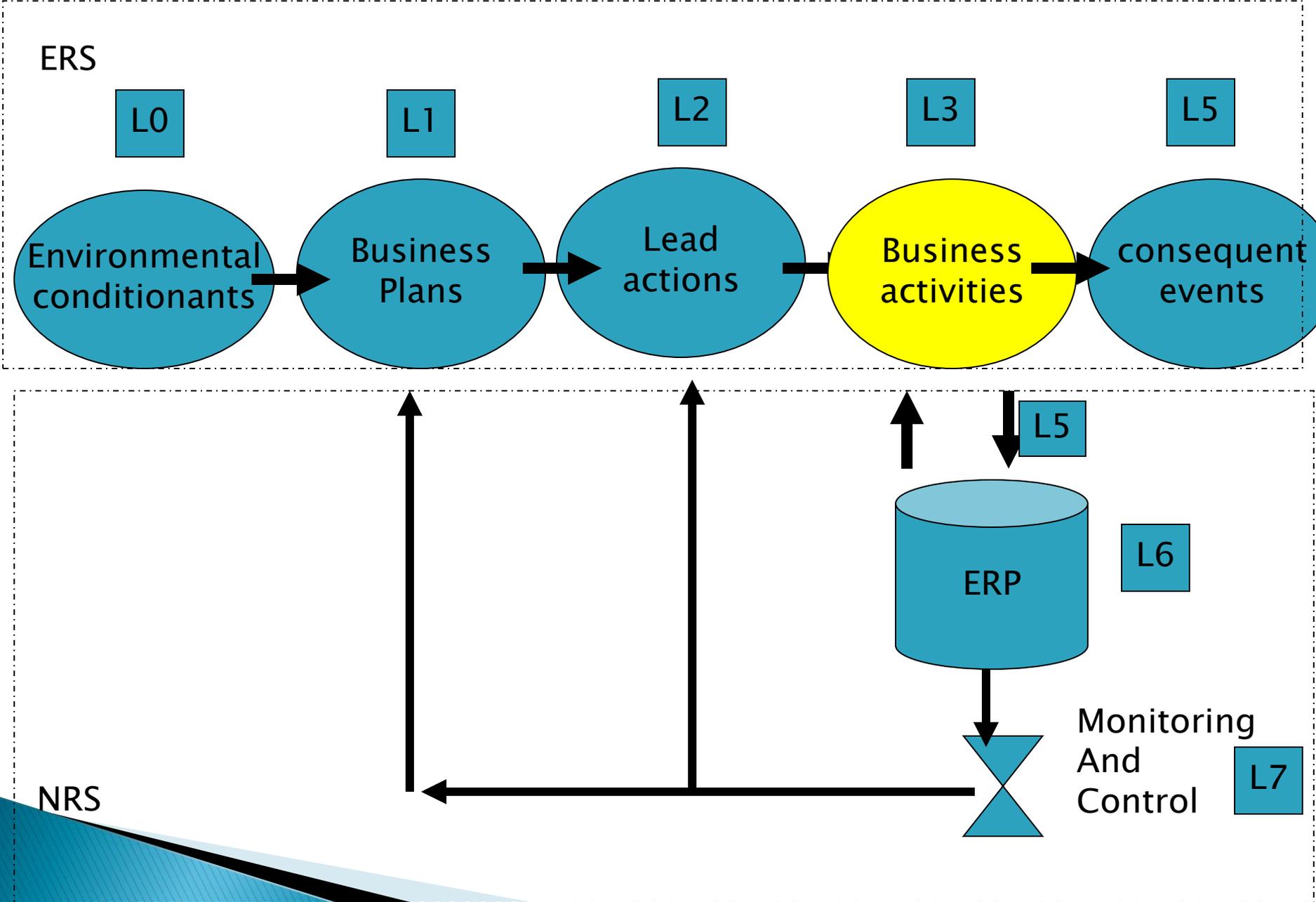
- ▶ Measuring business requires a more comprehensive model than the current public reporting schema
- ▶ Basic assumptions are not valid
 - One report to all
 - Must be simple
 - Must be deterministic
 - Must be conservative
- ▶ We have changed from an industrial to an information society where many physical valuations are irrelevant
- ▶ The economics have changed
 - Of reporting
 - Of auditing
 - Of information distributions

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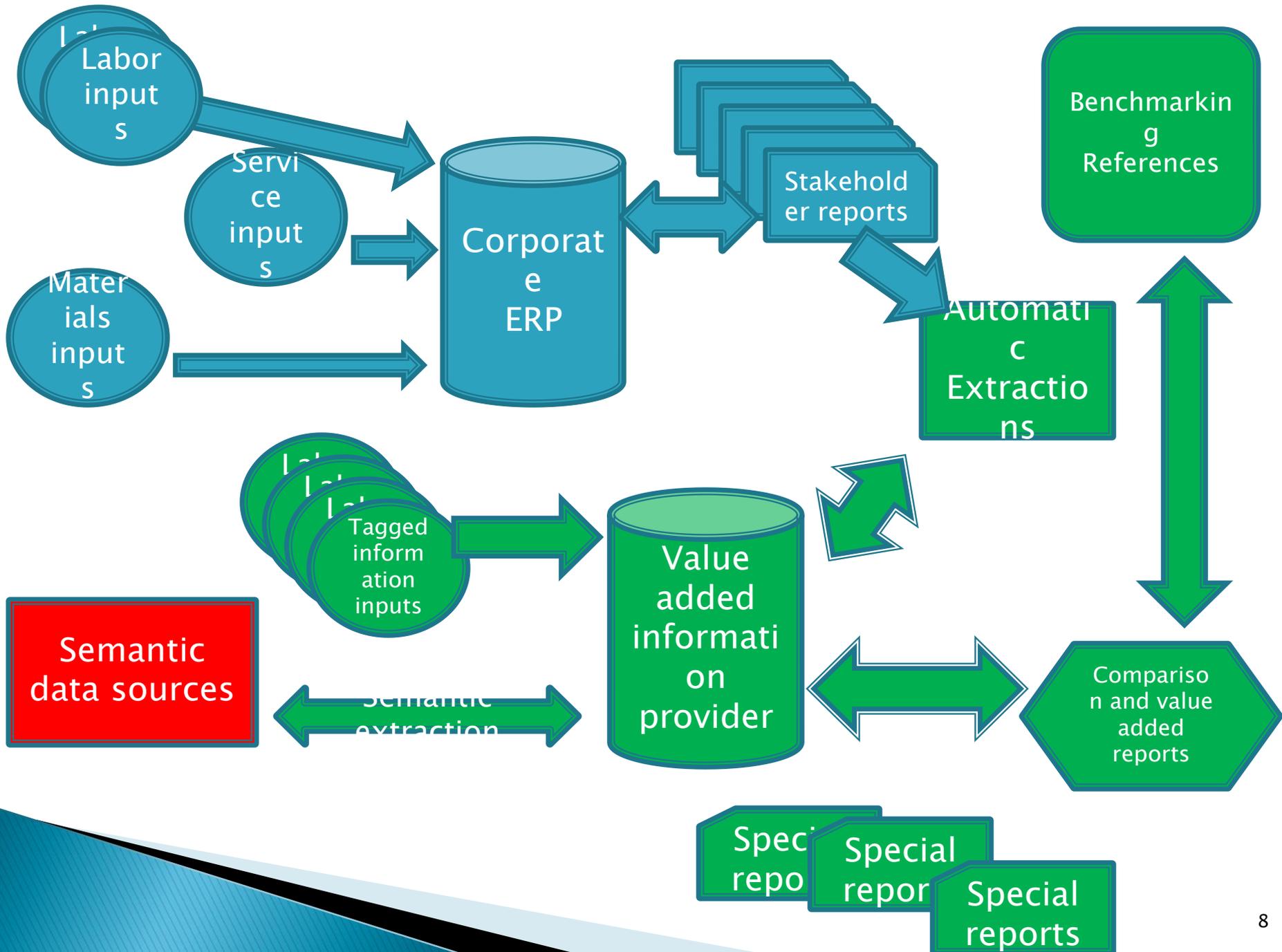
Bill Mc Carthy

“Most interesting things about the operation of a business entity have happened already by the time a transaction is booked”



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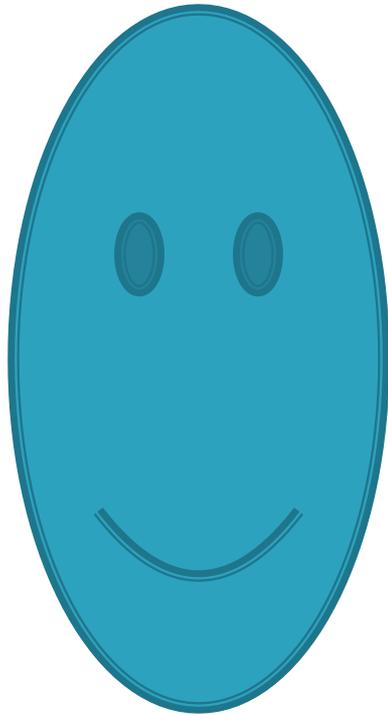


Environmental,
mental and
expressed verbal
content

Verbal content
and its semantics
Including
quantitative
assessments

Tagged limited
verbal and
numerical
content

Numerical
content



Increasing complexity

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Axioms

- ▶ Tagging will force substantial standardization of reporting
- ▶ Tagging will create a language of its own
- ▶ Tagging will lead to greater granularity of data
- ▶ Tagging will accelerate the route to continuous reporting
- ▶ Universal tagging will follow tagging by sectors

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The Problem

- ▶ Improved information technology allows for more frequent, timely, customized and intelligent business performance information.
- ▶ Business has become more complex, more rapid and less tangible.
- ▶ Internal reporting partially adjusted (e.g. ERP) but external reporting remained in the pencil and paper age.
- ▶ External reporting offers vanilla ice cream only and consequently auditing have a huge expectation gap.
- ▶ Financial reporting and audit firms have lost credibility.
- ▶ Financial statements have lost value relevance.

Objectives of the four parties

▶ The User

- Wants recommendations that will increase his wealth.
- Finds it difficult to identify financial advisors that can be trusted
- Does not understand financial statements and doubts their reliability
- Doesn't want to be out-manuevered by the insiders and the big traders.
- Welcomes hot tips.

The reporting entity's management

- ▶ I want to raise money at lower cost.
- ▶ I want to do it legally.
- ▶ I want to keep my job.
- ▶ I do not want to be evaluated at every step of the process (micro managed).
- ▶ I want to make oodles of money.

The Regulator

- ▶ Wants to be protective of the small investor.
- ▶ Wants the capital markets to function in an orderly fashion.
- ▶ Wants confidence in the financial markets.
- ▶ Wants to satisfy power-brokers, friendly politicians, and current & potential contributors.
- ▶ Wants to keep his job and increase his power.
- ▶ Wants good/positive legacy.
- ▶ Wants to build political capital and create contacts for future jobs in the private sector.

The Public Interest

- ▶ Wants to be protective of all investors particularly the small investors.
- ▶ Wants the capital markets to function in an orderly fashion.
- ▶ Wants the public to have confidence in the financial markets.

The Solutions page 1

- ▶ Getting away from GAAP's "cookie cutter" approach
 - Regulated disclosure of "raw" information to be analyzed by technology based financial intermediaries
- ▶ Use of a new type of intermediary that will rely on intelligent expert systems for customized interpretation and analysis of the "raw" ' financial data
 - That has access to corporate transaction details
 - That has a variety of models of measurement available
 - That makes information available as requested
 - That blocks agreed upon (confidential) details

The Solutions page 2

- ▶ Use of intelligent expert systems to alert investors to significant events in real time.
- ▶ This requires continuous monitoring of critical variables.

Solutions

- Variables are more sensitive and less sensitive to certain events, consequently different reporting structures may be needed under different circumstances and industries
- Larger diversity in reporting but a reasonably common base of data availability
- Different frequencies of reporting at different entities
- The users are different and they get different information
- Users get the traditional audited report and incremental tailored information

Solutions

- Progressively we walk away from the traditional report
- Processes, divisions, and corporations have their own reporting rhythms, these are respected
- Comparability data is made available by the reporting entity, the intermediators, and by the public good entity

Solutions

- ▶ The assurance model
 - Traditional audit for the traditional report
 - Mainly however, process assurance a la SysTrust
 - Mainly audit by exception and control monitoring
 - Users may “protest” an audit prior to any litigation
 - Upon protestation the auditor performs additional works and issue a more detailed probabilistic report

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Further speculation

- ▶ The incremental cost of information provisioning has changed, with little cost of providing ERP based information
 - The cost is mainly disclosure reluctance, competitive impairment and litigation concerns
- ▶ There is need for statutory requirements of non-financial disclosure and points of comparisons
- ▶ There is need of a much wider set of entities to disclose

CONTINUOUS AUDITING AND REPORTING

Continuous Reporting Continuous Assurance

Transaction assurance, Estimate assurance, Compliance assurance,
Judgment evaluation

Analytic monitoring level

KPIs: Marketing/Sales Ratio
Inventory turnover
Intra-company transfers

- Drill Down
- History
- Distribution

Relationship level

Sales change = Incremental Marketing cost * 2.7 +-
12%
E-Care queries = number of sales * 4.1

- Drill Down
- History
- Distribution

Data level

- Investment
- Regions
- Clients
- Dynamics

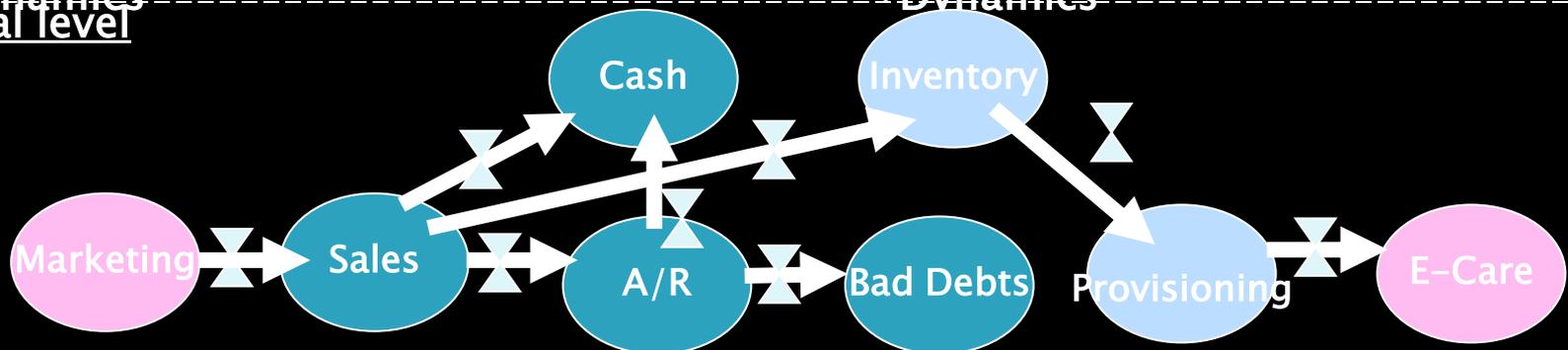
- Product detail
- Regions
- Clients
- Dynamics

- Collection
- Aging of receivables
- Clients
- Dynamics

- Inventory
- Distribution
- Ownership
- Dynamics

- Drill Down
- History
- Distribution

Structural level



Further speculation (2)

- ▶ The reporting model has to leave its comfort zone into estimates and multiple valuations
- ▶ The reporting model must become stochastic
- ▶ The reporting model has to become more frequent
- ▶ The concepts of “internal” and “external” accounting need to be re-evaluated