

# The Organisation As A System

## *The Performance Organiser*

An information management framework

The First Transition – Data Capture and  
Validation

The Performance Organisers

# The First Transition – Data Capture and Validation

- Clear Line of Sight
- Centralised control v delegated responsibility
- The ability to “burrow”
- Any point entry
- Evidence based decision support
- Portal Everywhere
- Structured and unstructured data
- Management and control of data location

# The First Transition – Data Capture and Validation

There is just one constant in information management: Garbage In Garbage Out (GIGO)

Time spent on validation at the level of data collection is NEVER wasted

Bias and “hallucination” are down to validation failure.

# The First Transition – Data Capture and Validation

Data has legs

Data is nearly always incomplete from an information delivery perspective

As the transitions and attenuations take effect, data changes shape, form and meaning

Information is a composite of multiple data forms

# The First Transition – Data Capture and Validation

In information management terms, without robust validation, there is no information management.

By their very nature, computers are binary, they aren't very good, in and of themselves, at "untidy"

Validation is perhaps the primary responsibility and duty of software developers

# The First Transition – Data Capture and Validation

Users see.....

The screenshot displays the Performance Organisers Portal. The main header features the title "The Performance Organisers" and the subtitle "Structured, Coherent Design". Below this is a navigation bar with links such as "Home", "Integrated Applications", "Librarian", "Organisation", "Supply Chain", and "Frameworks". The central content area is titled "Announcements" and includes a welcome message: "Welcome to the Performance Organisers Portal". It also lists the purpose of the portal and a list of operating concepts. To the right of the announcements is a "Notices" table with columns for title, date, and status. The table lists several notices, including "The 6 Transitions", "Office Ribbon Add Ins", "Organisation Validity", "Architectural Schematics", "Strategic Campaign Plan Example", and "Objective Catalogue Added". On the far right, there is a circular diagram illustrating the "Line of Business Systems" and "Central Model". The diagram shows a central blue circle labeled "Central Model" surrounded by several other circles representing different systems and data sources. At the bottom of the page, there is a footer with links for "Compliance Statements and Admin" and "Site Admin".

**Announcements**

Welcome to the Performance Organisers Portal

Feel free to look around.

The purpose of the portal is to:

Demonstrate and illustrate how the information management elements of an integrated Enterprise Architecture initiative might be designed with the aim of providing timely validated and verified information from both structured and unstructured sources in order to provide decision makers with the information required for informed decision taking.

The portal is designed to support a number of operating concepts:

1. The provision of clear line of site navigation top down bottom up and laterally for the whole scope of an organisations form and function.
2. Minimisation of the traditional management conflict between delegated responsibility and centralised control.
3. Provision of and facilities to support the ability to "burrow" from any point in the information management architecture for investigative purposes

**Notices**

	The 6 Transitions	21/02/2017	
	Office Ribbon Add Ins	13/02/2017	
	Organisation Validity	25/01/2017	
	Architectural Schematics	30/12/2016	
	Strategic Campaign Plan Example	20/12/2016	
	Objective Catalogue Added	14/12/2016	

**Line of Business Systems**

Central Model

Portal Infrastructure

Support Systems

Business Management (Structured Data)

Metadata

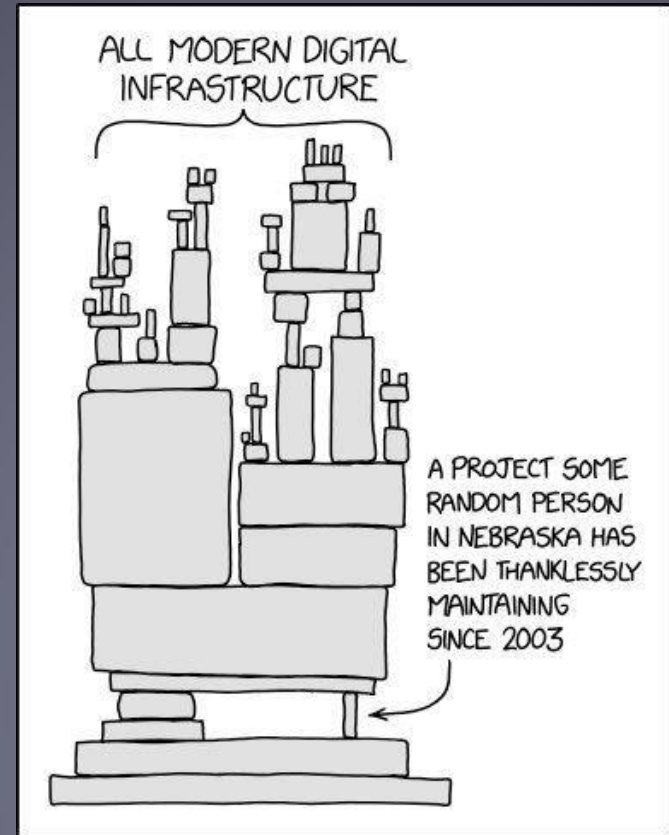
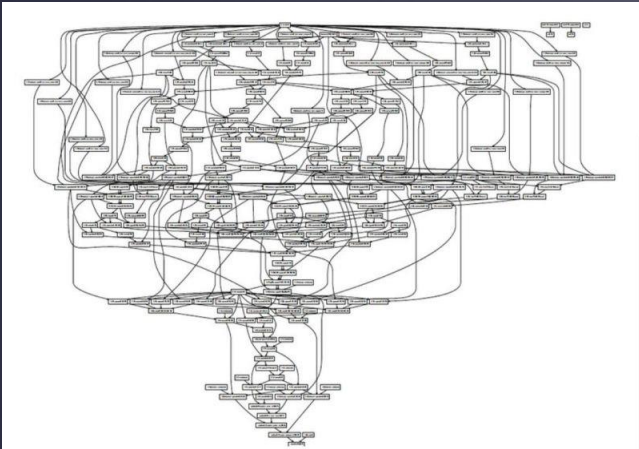
Image Maps

Ontology

Content Management Publication

# The First Transition – Data Capture and Validation

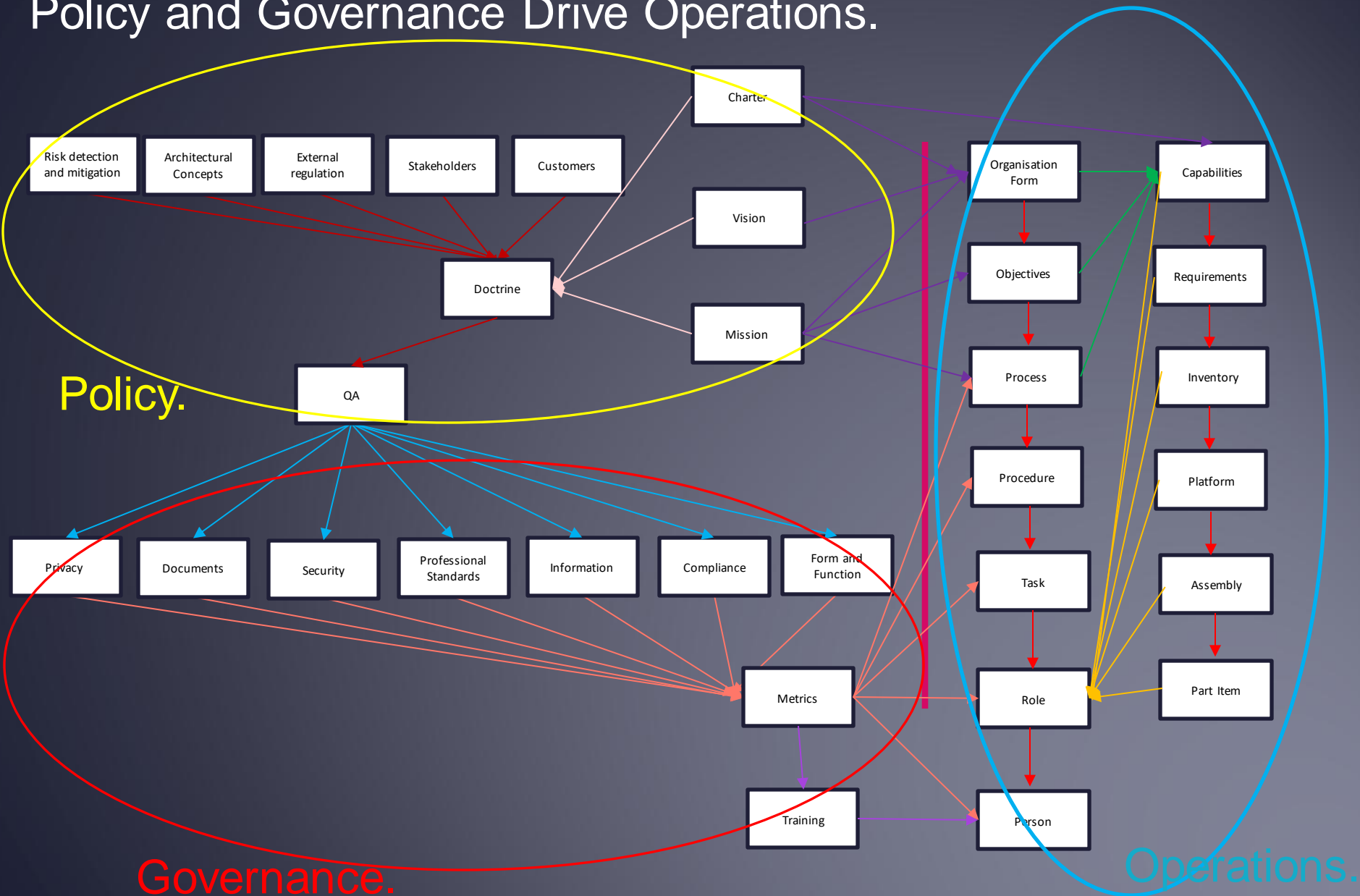
When they look...



However.....

# The First Transition – Data Capture and Validation

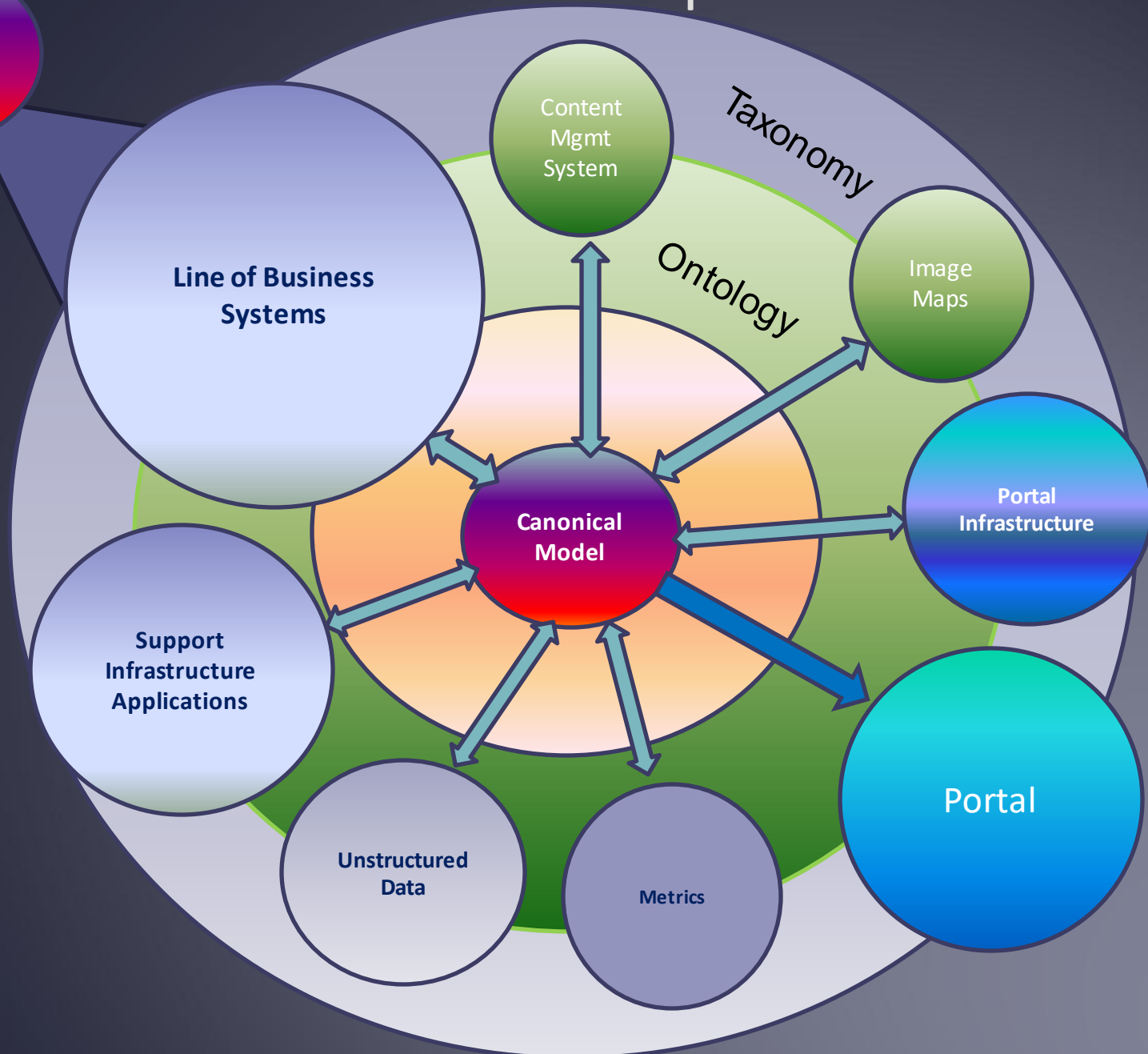
## Policy and Governance Drive Operations.



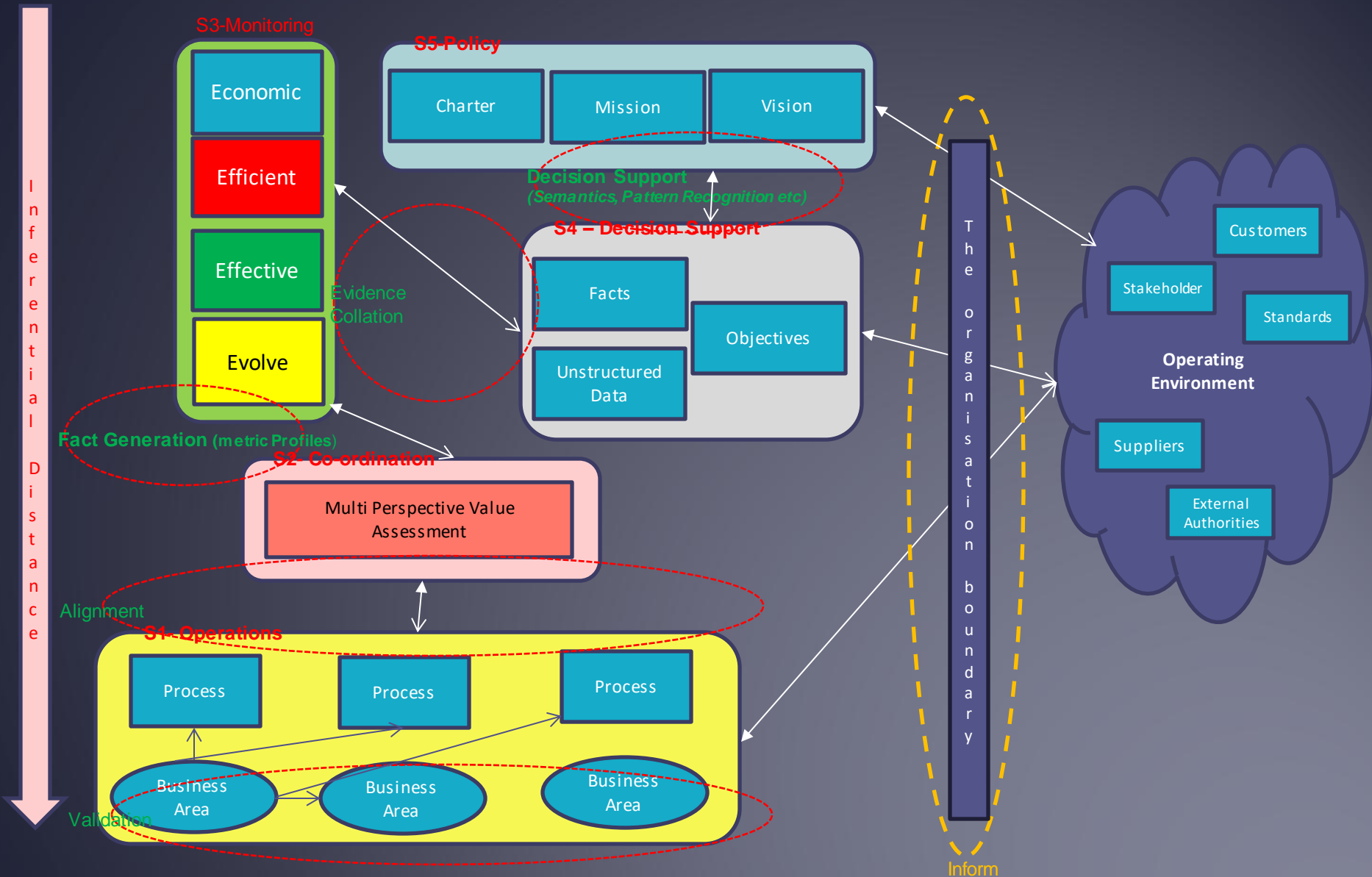


# The First Transition – Data Capture and Validation

Under the hood...



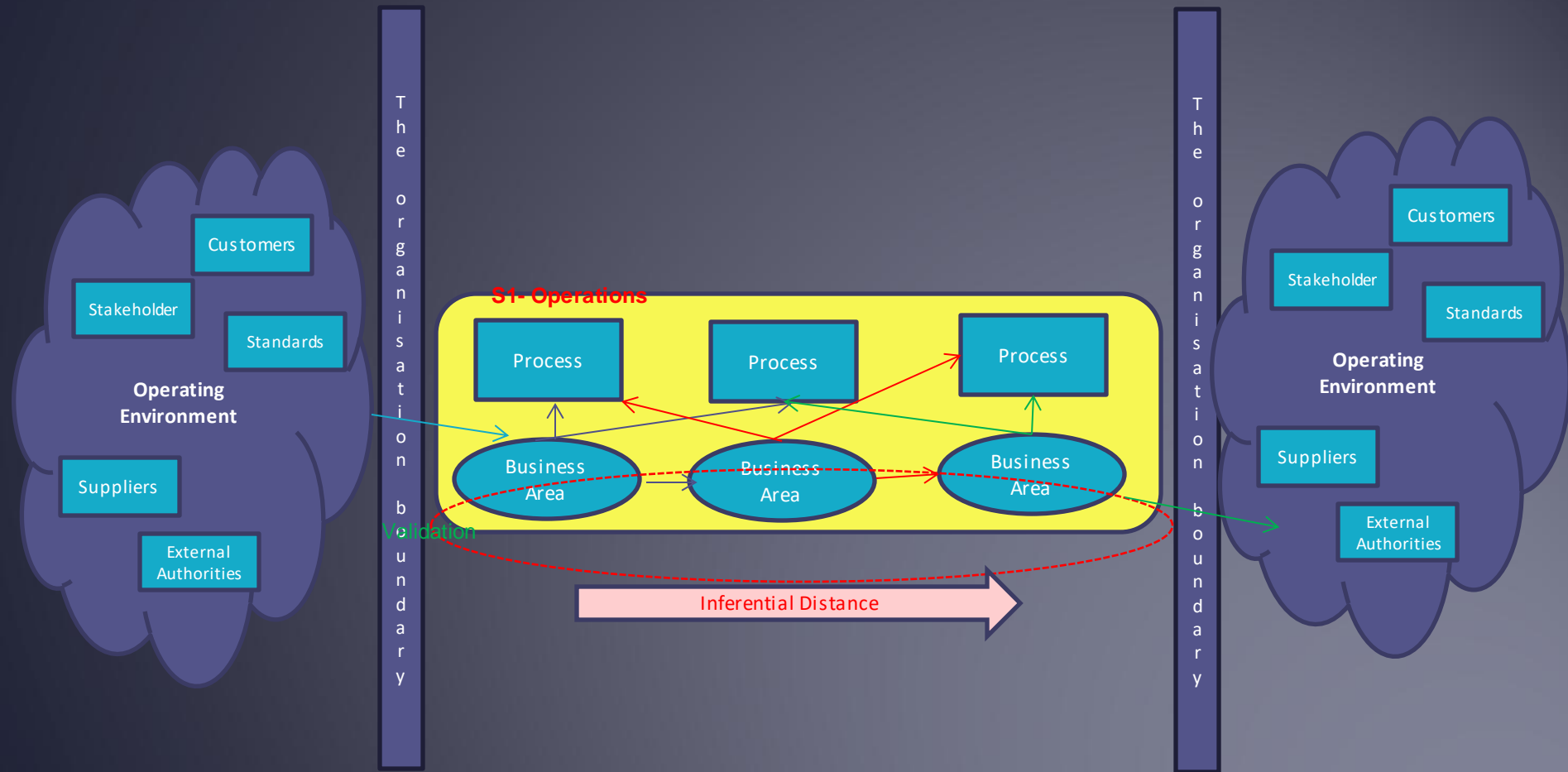
# The First Transition – Data Capture and Validation



NOTHING crosses the organisation boundary, in or out, without "consent"

# The First Transition – Capture and Validation

## The organisation boundary

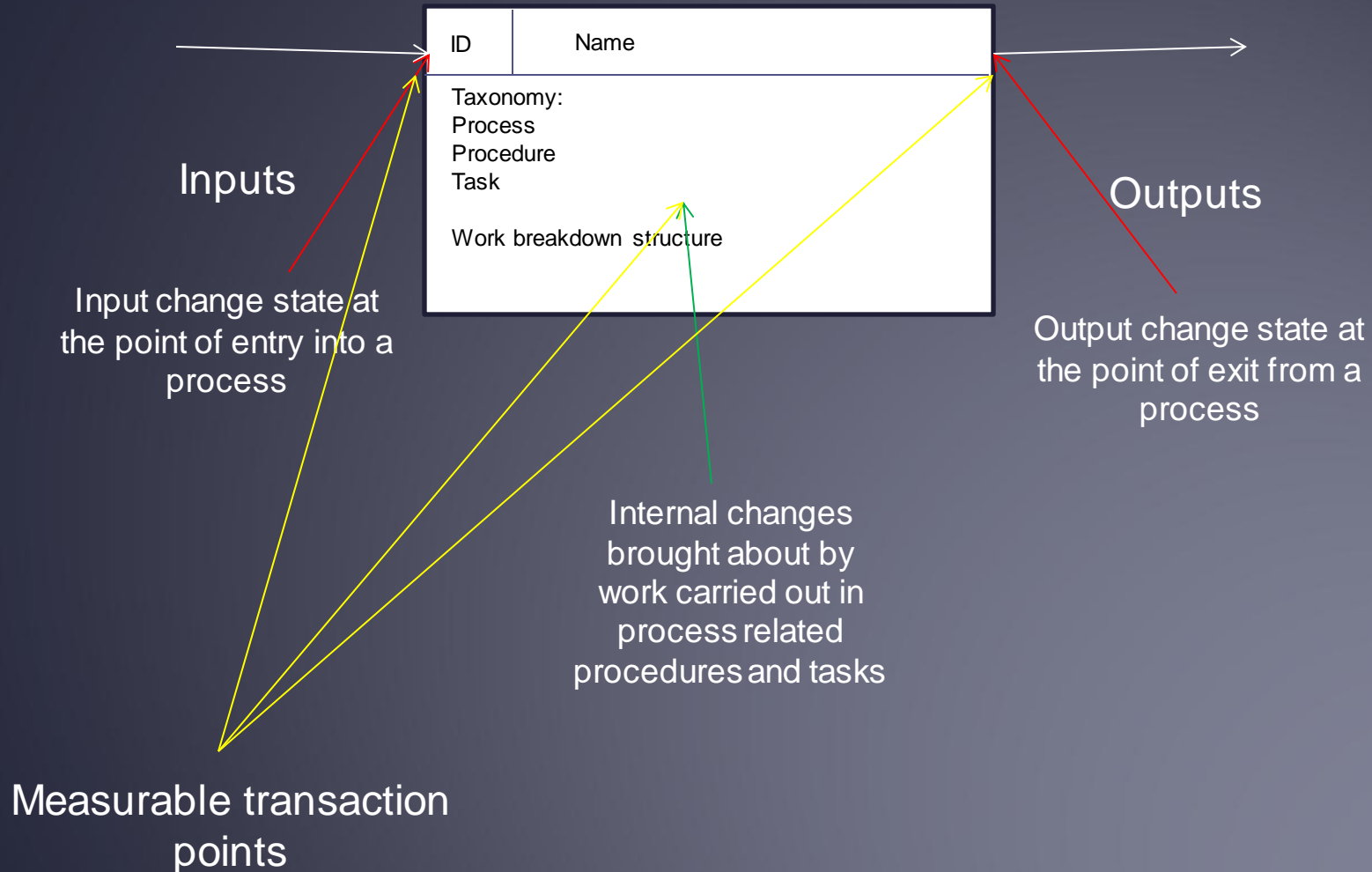


NOTHING crosses the organisation boundary, in or out, without “consent”

NOTHING crosses the organisation boundary, in or out, without “consent”

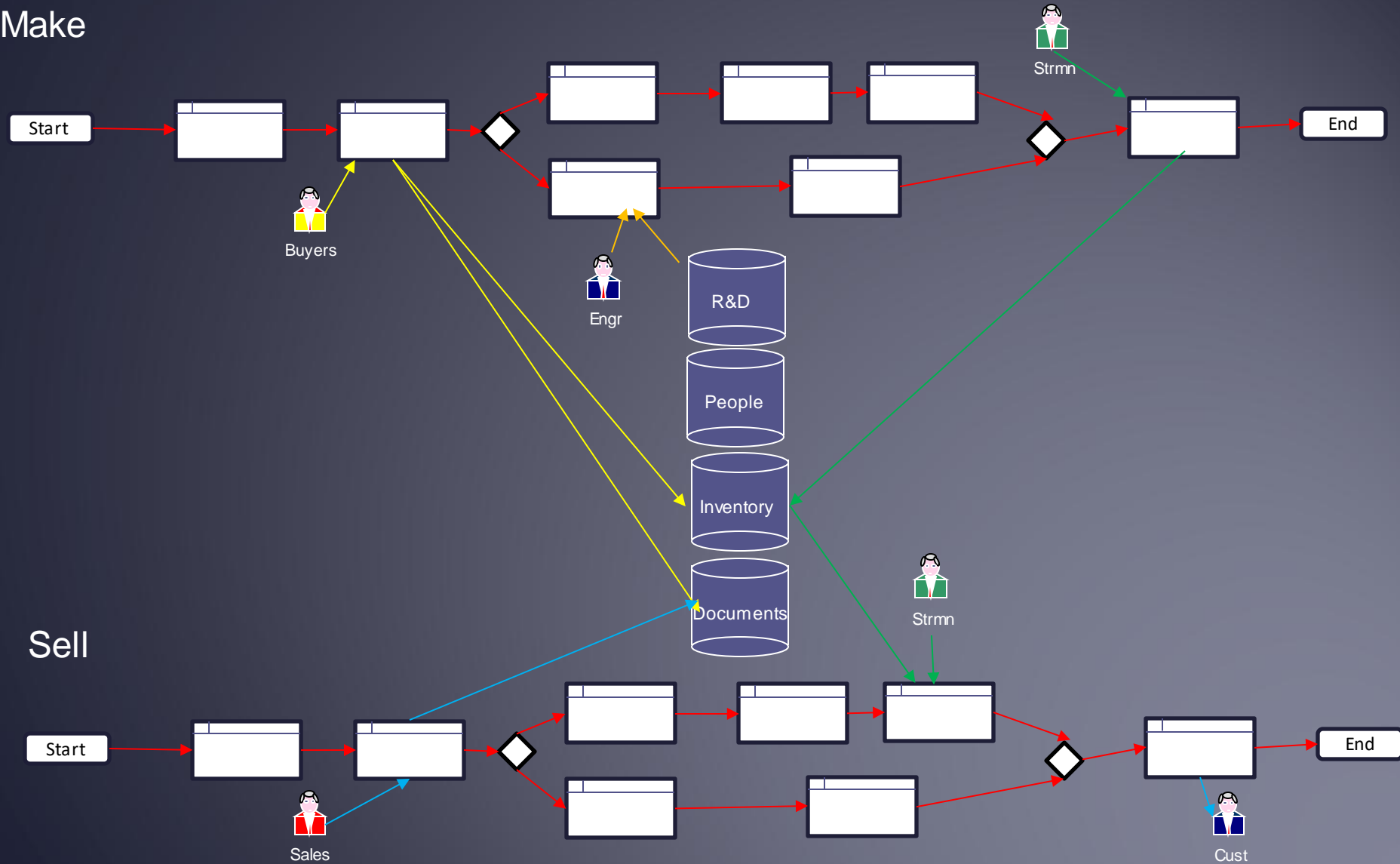
# The First Transition – Capture and Validation

## Operational Process Level



# The First Transition – Data Capture and Validation

Composite operational data collection and use  
Make



# The First Transition – Data Capture and Validation

First level reporting: Operational performance

Qualitative or Quantitative Scale



Moving Range Performance Measurement

The Old Geeks Shed

# The First Transition – Data Capture and Validation

People do what people do. *My Numbers are not your Numbers*

Validation is in three general stages.....

Stage 1 – programme defensively with one of the primary aims being to reduce keyboard finger trouble

Stage 2 – “clean” the data. That is to say remove detectable anomalies in preparation for subsequent transitions

Stage 3 – Delete redundant data



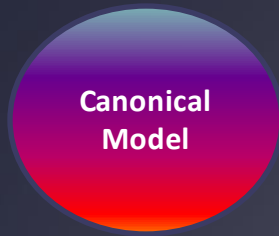
There is a complex data management architecture....



Data tables, indexes, stored procedures..



# The First Transition – Data Capture and Validation



The first component – a data dictionary

A data dictionary contains the details of descriptive attributes of “things”.

Descriptive attributes include descriptors like....

A name

The type of data it normally holds

Some form of range of value indication

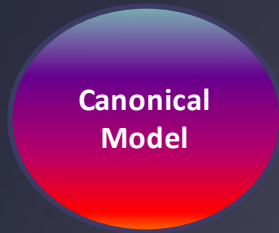
What happens to it during its life cycle

Descriptions of what it does.

What it is used for in terms of range of uses and who  
it is used by where, when and how

Without it, validation becomes a bit of a guess....

# The First Transition – Data Capture and Validation



Data Dictionary Entry

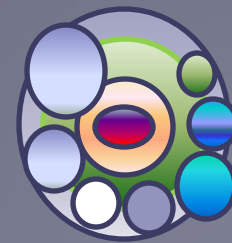


Inventory Class	Item Part Number	Item Description	Item Class or Platform
Z1	960 0101	Car	Sports

Other attributes as granularity demands and “need to know” is refined



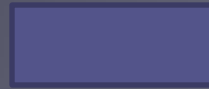
Golden Record



If its done right..... And Referential Integrity is Robustly Maintained.....

Brilliant.....

# The First Transition – Data Capture and Validation



The Desktop

# The First Transition – Data Capture and Validation

- Data has legs
- People do what people do
- Computers are, by their nature, binary, they are not very good at “untidy”
- Without robust validation, garbage in, garbage out
- “information” is a derivative of operational data
- My numbers are not your numbers
- Data collection is usually at process level and linear
- Reporting tends to be multi purpose and viral
- Minimise the impact of inferential distance
- Those who get this right have a firm foundation for the other transitions
- Beware of geeks bearing gifts....

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The Performance Organisers