

***S1000D. An international specification divided by interpretation.***

**S1000D User Forum**

**Montreal, Canada**

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**Presented By: AJ Wilkinson**

**Manager, Projects and Channel Services**

**Absolute Data Group**

# Who am I

- Absolute Data Group
- Brisbane, Australia
- Ex Royal Australian Air Force
- Business Rules and Implementation Guide Task Team
- Various Projects
- Speak with a funny accent

# Global Outlook

Distance Brisbane to Montreal:

Miles: 9608.19

Kilometres: 15462.45



# Today's focus

- the characteristics of implementing an S1000D project, and how it can vary just by interpretation.

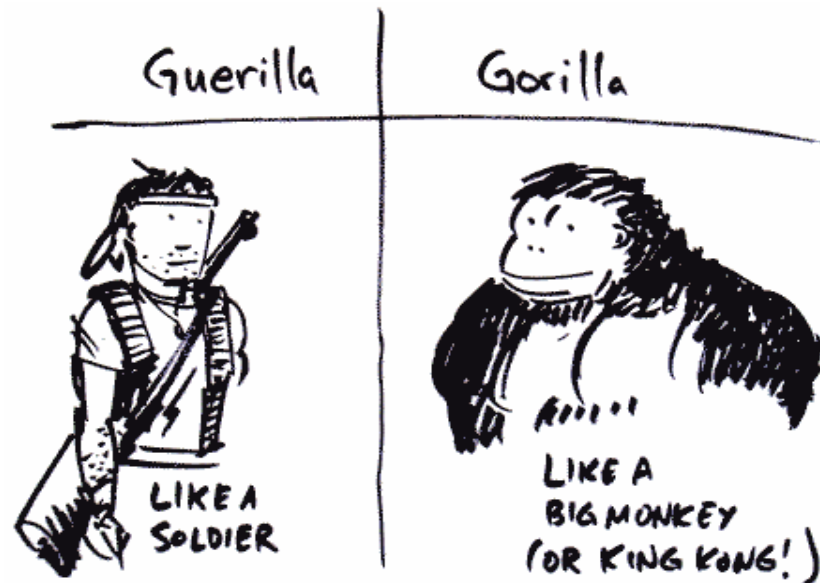
Same language  $\neq$  Same meaning



# Definition

- Interpretation

**The action of explaining the meaning of something - the *interpretation* of data**



# 1<sup>st</sup> Example

- Meaning of words are interpreted in different ways.
- Everyday words can make some of us blush.
- If I said, “My thong is uncomfortable”, what would this mean to you?



# In the beginning

- The tale of four projects
  - One aviation operation
  - One new destroyer
  - One new patrol boat
  - One UAV
- Several commonalities:
  - Migrating to S1000D
  - Understanding of S1000D
  - Differing interpretations of S1000D



# Interpretation of requirements

- Who should be included in the decision process?
  - The end user
  - Support services
  - Project teams
  - Contracts
- Why are these people involved and what role do they play?
  - Are they content creators?
  - Are they end users?



# Example of interpretation

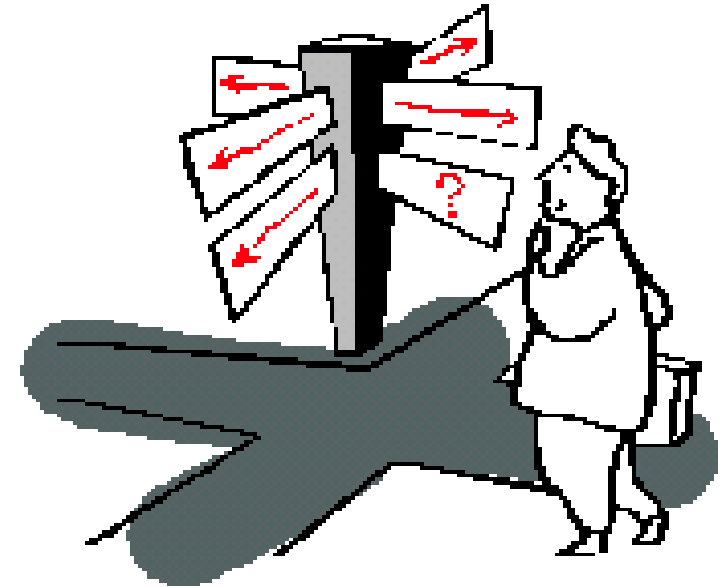
- Industry Participants must, in accordance with CDRL Line Number #####, design, develop, or acquire the Interactive Electronic Technical Manuals (IETM) identified in the Approved TDL. **The IETMS to be delivered will be Class 1 as a minimum.**
- Class I/II - Page turners and scrolling documents with some indexing and hyper linking. End-user searches for data.

# Example continued

- The format and style of the presented information is to be optimized for window presentation to assure maximum comprehension; that is, the presentation format is "**frame-oriented**", not "**page-oriented**".
- The elements of technical data constituting the IETM Class 5 are so interrelated that a user's access to the information required is facilitated to the greatest extent possible, and is achievable by a variety of paths. Support System constituent capability activity information may be displayed to illustrate operating support, engineering support, maintenance support, supply support, or training support.

# Example continued

- **The computer-controlled IETM display device should function interactively (as a result of users request and information input) in providing procedural guidance, navigational directions, and supplemental information; and also in providing assistance in carrying out logistic-support functions supplemental to maintenance.**



# Functionality and interpretation

- Chapter 6.4.1 Functionality Matrix
  - Functionality
  - Complexity
  - Requirement

Functionality	Complexity – Page	Complexity – (ETP)	Requirement
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- Knowing the technical requirements prior to contracting
- Is it technically possible to implement the function

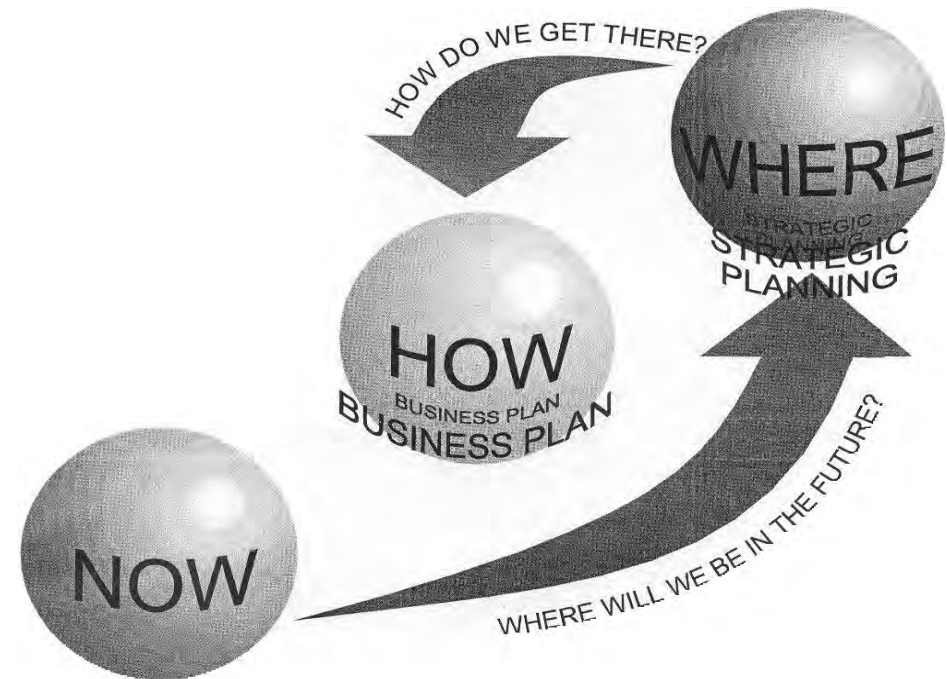
# Understanding what's involved

- Implementing change in the organisation
- That's not how it's done here
- Them and us
- Keep it a secret and we will tell once it's complete
- Duck here we come and we want it yesterday



# Planning for the move

- Understand the difference between the I need and I Want
- Work with the support functions
- Write the S1000D business rules
- Write the contract
- Start the project



# Summary

- Start the education early
- Work together as a team.
- Try to avoid the way it has always been done
- Try not to cross pollinate the old with the new
- Read the words on the page of the specification

# Questions

