

S1000D


ATA e-BUSINESS PROGRAM


AJA
AEROSPACE INDUSTRIES
ASSOCIATION


ASD
AeroSpace and Defence
Industries Association of Europe

Model Based Enterprise

S1000D'S NEXT
top model

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WHAT IS MODEL BASED ENTERPRISE?

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Sharing models across the enterprise



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MBE Defined

- A fully integrated and collaborative environment founded on 3D product definition detailed and shared across the enterprise; to enable rapid, seamless, and affordable deployment of products from concept to disposal.

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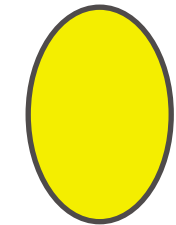
How will S1000D find MBE?



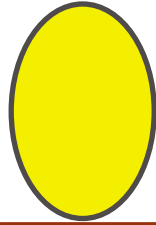
GRAND PRIZES

- **A contract** that includes requirements for delivery of 3D model data
- **A cover** and display in any IETP
- **Cash** savings

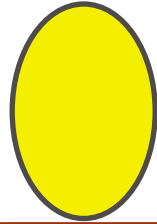
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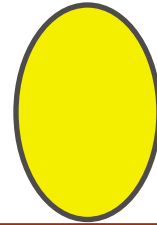
**MIL-
STD-
31000**



STEP



PLCS



**ISO STD
PDF?
JT
OPEN?**

The Judges

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The Contestants

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Selecting the Contestants

- Must be capable of commercial modeling (like referencing a graphic) AND high fashion editorial (the model is tightly integrated – this is not defined in S1000D)
- Must be the total package (i.e., complete)
- Must be attractive
 - Cannot be overweight
 - Have to fit into the designer’s clothing (i.e., display on fielded laptops)
 - Must move quickly
- Must have a “just right” personality
 - Enough information, but not too much information
- Must sign a contract to be on the show
 - Ensuring the contestants meet the standards
 - Ensuring they follow through on their commitments
 - Ensuring intellectual property rights are protected

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topmodel

The Top Model House

- Configuration Managing Models
 - Model cannot be stored in the CSDB multiple times for every time used. A model needs to be defined once and the relevant portions of it must be identifiable and reusable.

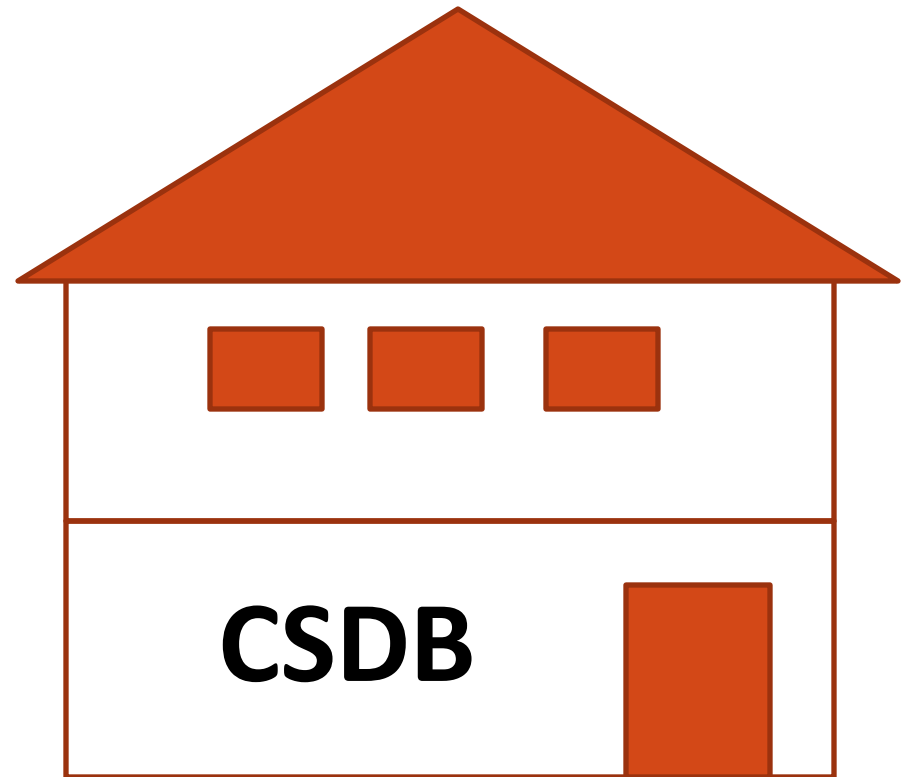
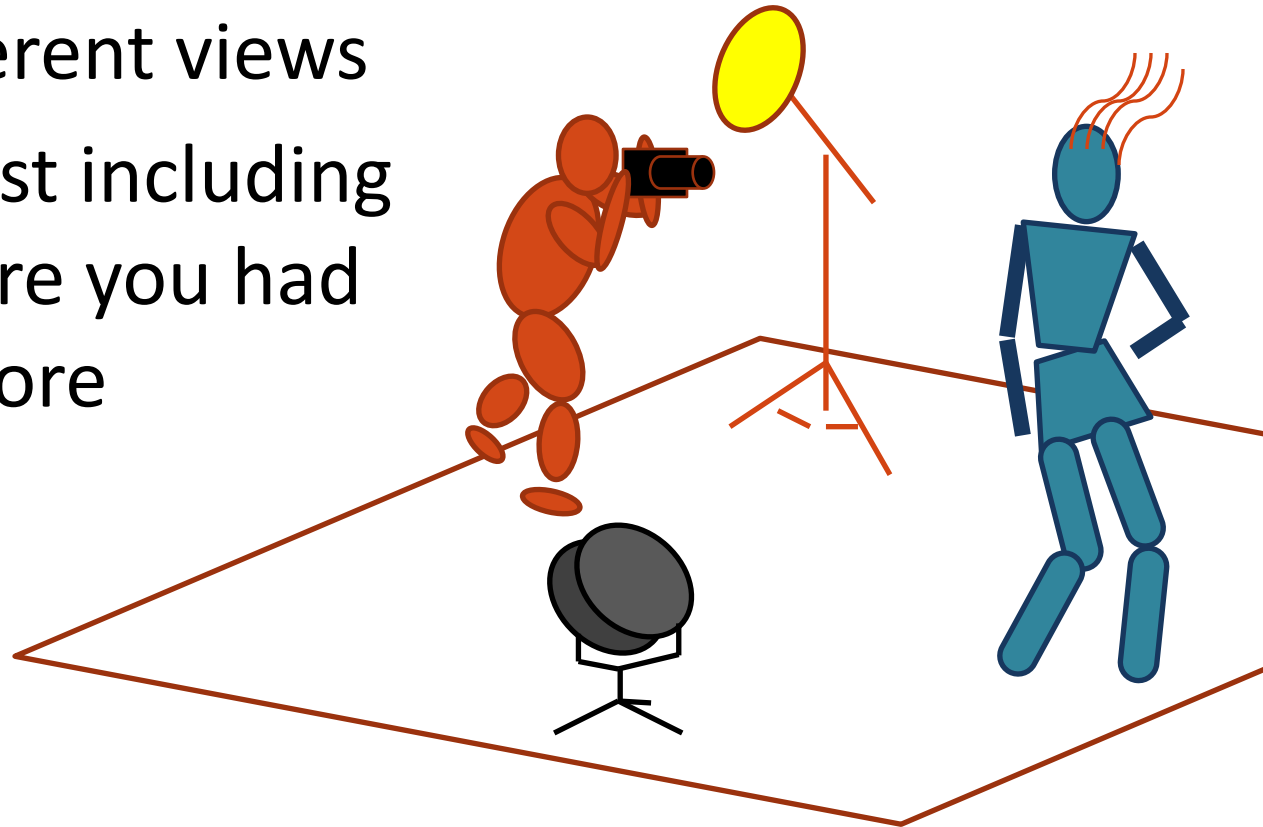


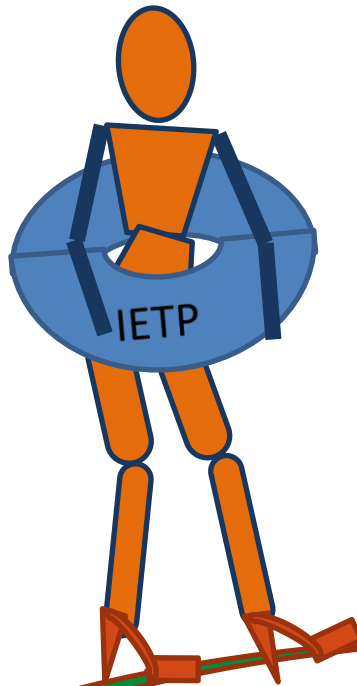
Photo Shoots

- Creating different views
- More than just including a model where you had a graphic before



Runway

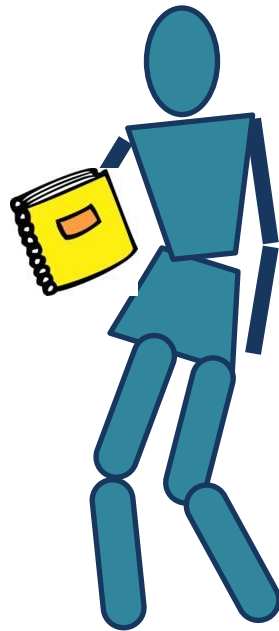
- Narrow bandwidth
- Physical media is bulky
- Security makes it difficult



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Go Sees

IETP Modeling
Agency



- Must have a portfolio – Presentation View
 - Must be consistent, repeatable, and what the customer needs (no more, no less) – accurate.
 - Standard portfolio shows what the model has
 - The structure of the model needs to be known in a standard way and the definition of how it integrates with the IETP needs to be defined in S1000D.
 - Model has to be presented in a way that the IETP designer can envision and wants to hire

Commercials

- 3D Animation



Surviving the Cut

- Maintaining growth throughout the competition
 - Judges are looking for models that get better as the cycle progresses.
 - If you don't update your models, don't improve, you will NOT be in the running to become S1000D's Next Top Model.

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Getting the show on the air

- We need judges/standards
 - We must be very clear about how models can be reused within IETPs to ensure the data can be reused and exchanged.
- We need investors to back a successful first season and gain advertisers
- We need producers to create the right structure
- We need successful models
- We need to plan for syndication (adopt standards that ensure long term storage and retrieval)

Next Episode



- Ian
“Zoolander”
Proctor
- Technical Track
Presentation
on MBE at
2:30pm