DOs and DON’Ts of introducing MBSE to your enterprise

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Chief Engineer
Who am I?

First time attendee, long term advocate
...hidden down under

Senator the Hon David Fawcett

“...I increasingly believe that the discipline of systems engineering should underpin all of the decisions taken in the Parliament — perhaps fewer lawyers and more engineers would make our parliamentary processes more effective!”
Shoal supporting the digital transformation

At the organisation level
At the project level
At different points of the lifecycle
In Defence and transport
In industry and government
Dos and Don’ts of introducing MBSE to your enterprise
You need a champion

Who is going to sell your cause internally?
The earlier the better

Goes without saying, right?
Minimal viable model

What level of fidelity do you need?
Avoid scope creep

When they get it, the REALLY get it!
Don’t forget its an organisational capability

Organisational change needs to be catered for.
Don’t rely on the model for a shared understanding

*Richer information, but only if its understood.*
Don’t ignore the documents

We still live in a document centric world.
Don’t think it’s quicker

The outcome should be better.
INCOSE IW 2020 Lightning Round: DOs and DON'Ts

Conclusion

- Champion
- Early
- Viable model
- Scope creep
- Organisation
- Understanding
- Not quicker
- Documents
Questions
Answers