



Saga: Analytical Wargaming For Sub-Threshold Conflict

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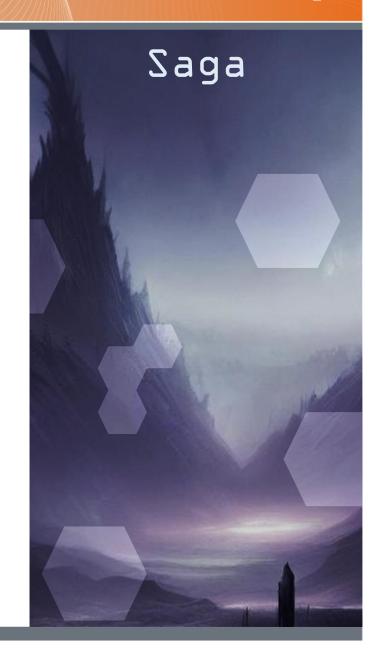


Caveat

This is a teaser presentation.

To see the full details, come along to the Game Fair.

(Or find me around somewhere.)



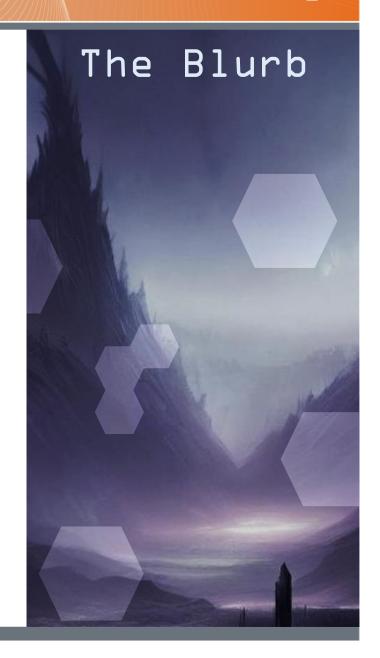
Saga is a wargame which allows you to play through any type of narrative-driven sub-threshold scenario and it combines most of the strengths of unstructured gaming

(minimal set-up, freedom of player actions, intuitive/heuristic adjudication)

along with many of the strengths of structured gaming

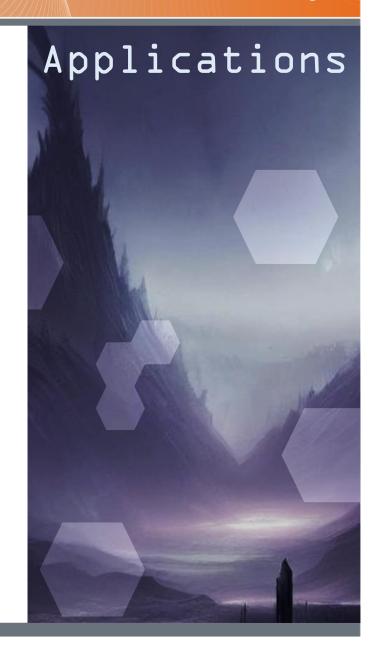
(quantitative analysis, repeatability, identification of cause-and-effect, data collection)

without any (?) of the weaknesses of either.



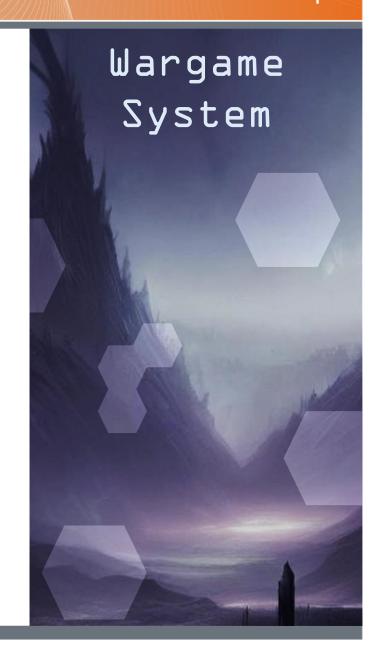
Saga is applicable to Defence, and Whole-of-Government, problems relating to capability acquisition, concepts development and organisational structuring.

For example, a wargame could underpin a decision to invest in the research and development of an exquisite EW or cyber capability. It could investigate how to compete in a grey conflict space against adversaries who are not bound by our same level of strategic rules of engagement. It could explore the trade-offs between centralising cross-domain roles, permissions and authorities versus adopting a more decentralised posture.



Saga is a wargame system; not a wargame.

BYO scenario, teams, effects...



See the *Influence Wargaming Handbook*!

- Information is non-binary
- Asymmetric competitors
- Timings vary by vast orders of magnitude
- Focus is on competition, rather than conflict
- Effects are not necessarily proportionate to actions
- Effects propagate chaotically across dimensions... and many more

Challenge 6, 8 & 15

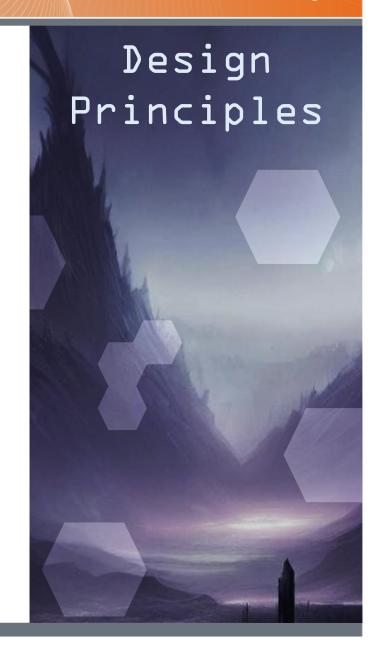
Challenge 1, 2 & 6

Challenge 16

Challenge 3 & 4

Challenge 11 & 12

Challenge 13 & 14

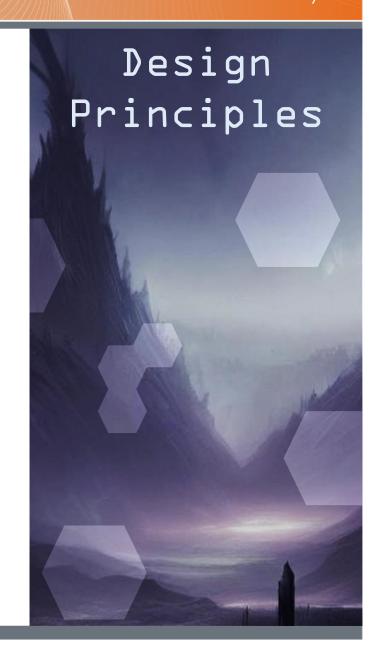


Thus, *Saga* creates a sense of great uncertainty and misinformation and disinformation where you need to operate across the entire information environment.



On the surface, *Saga* looks and operates similar to a seminar or matrix wargame but . .

Planning is opaque
Need to fight for information
Automated data collection
Arguments and adjudication are structured



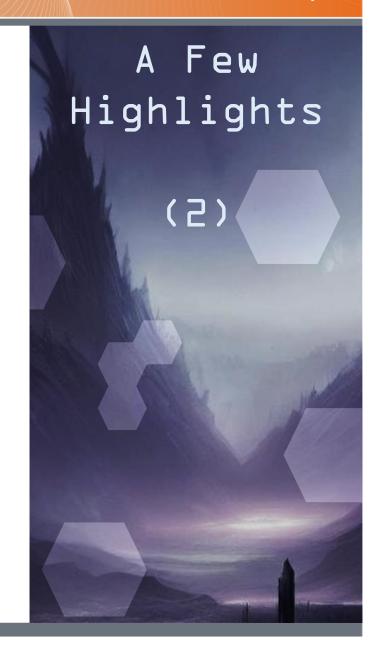
Modelling 'the world' poses some unique challenges:

- The terrain can by anything and often multiple distinct dimensions.
- Entities can 'be' in any of those dimensions; often in multiple at once.
- Terrain is telescopic: you need to zoom from a macro lens to a micro lens at will.



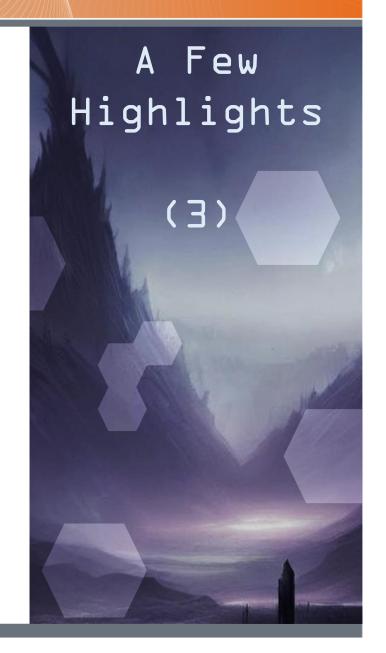
Time is similarly non-linear:

- Sub-threshold conflict consists of windows of chaos scattered between epochs of relative inactivity.
- Regular game Turns don't work.
- Any given timestep will annoy about half of the players.



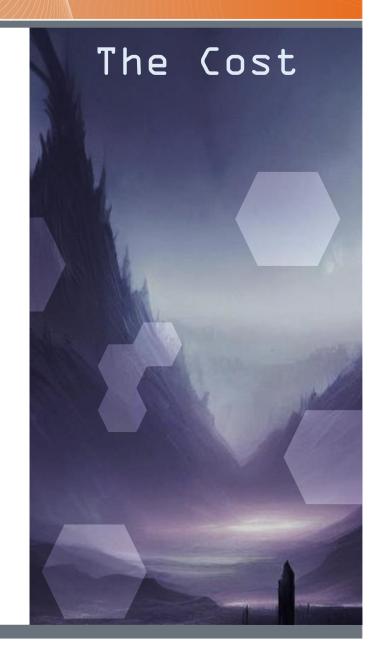
The world is defined by biases and perspectives:

- What is 'ground truth'?
- Misinformation and Disinformation are becoming powerful tools.
- Each team (or even player) needs to have their own bespoke version of reality.



Saga comes with a significant footprint:

~15 - 30 Players 3 - 10 EXCON Days - Week to play Saga software

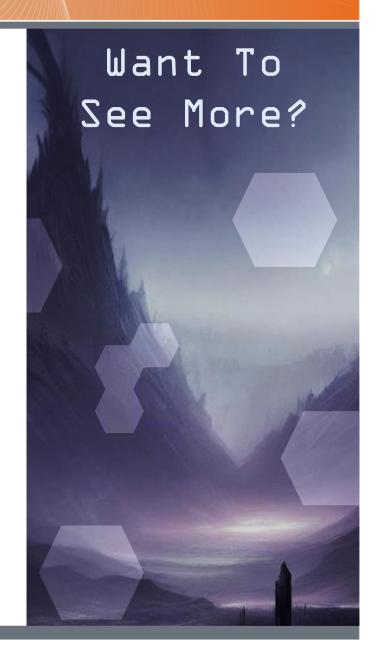


Note: Saga can be run distributed spatially and temporally!

Games Fair Exhibitions

Not a proper game!

~45 min deep dive presentation Demo of interfaces and game mechanics



Find me around Connections or at the Premier Inn over dinner.

Saga

For when the journey is more important than the destination.

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