

- [Regan Robertson](#) Mod • [14 days ago](#)

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[Stuart Card](#) • [14 days ago](#)

Welcome to the 2nd talk in our session! Virtualization atop seL4 is essential short term until applications are componentized, and longer term for general purpose computing. So let's see what Cog Systems has been doing...

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[Carl Nerup](#) • [14 days ago](#)

Or me - and to think of all the work that I put into it (grin).

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[Jason Sebranek](#) • 14 days ago

Anyone want to bet just how old that pic is? :)

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[Carl Nerup](#) • 14 days ago

If you want to use another way to talk to value in government language - go with SWaP-C. Size, Weight, Power, and Cost.

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[Renato Levy](#) • 14 days ago

Don't forget tracking mice capability

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[Carl Nerup](#) Renato Levy • 14 days ago

Perfect - the over/under on snarky comments is 4. Getting there...haha

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[Renato Levy](#) Carl Nerup • 14 days ago • edited

snarky is my specialty, because according to my engineers, I can't write code anymore...this is probably why I teach 8^)

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[Jason Sebranek](#) • 14 days ago

Thanks Carl. I think it's important for the community to start thinking a little more beyond the technical and into business cases. There's lot of great stuff being researched and built, but someone will need to find the value in purchasing/deploying it.

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[Stuart Card](#) • 14 days ago

To your point about customer focus on architecture: in which parts of the architecture of your "holy grail" device do you believe customers will insist upon full formal verification, and in which parts do you think they will accept (for now) unverified but jailed components?

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[Jason Sebranek](#) [Stuart Card](#) • 14 days ago • edited

The short answer is "none of them". This dovetails into my talk from yesterday. The device we're building is meeting immediate needs, and isolation via virtualization alone without verification is already overkill. That's the reality. Adding verification as time goes on will be the next major leap, but no one is sitting around waiting for the proofs before they buy. Not at this stage.

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[Regan Robertson](#) Mod • [14 days ago](#)

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[Jorge Pereira](#) • [14 days ago](#)

Thanks Carl, is the talk recorded? unfortunately I got here at the very end.

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