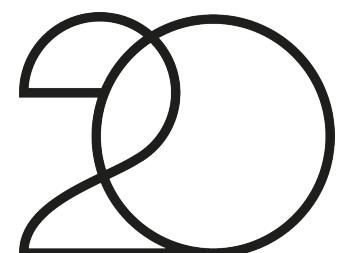


Computer, Stop: why Star Trek only goes so far and we need to try harder than science fiction

Dan Hon



interaction20



Computer, Stop:

Why Star Trek only
goes so far, and we
need to try harder
than science fiction.



Dan Hon / @hondanhon





Computer, Stop.

5

TECH AMAZON STAR TREK

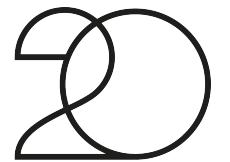
TL;DR

You can finally say 'Computer' to your Echo to command it

Still can't make Tea. Earl Grey. Hot.

By Dieter Bohn | @backlon | Jan 23, 2017, 7:42pm EST

f t SHARE

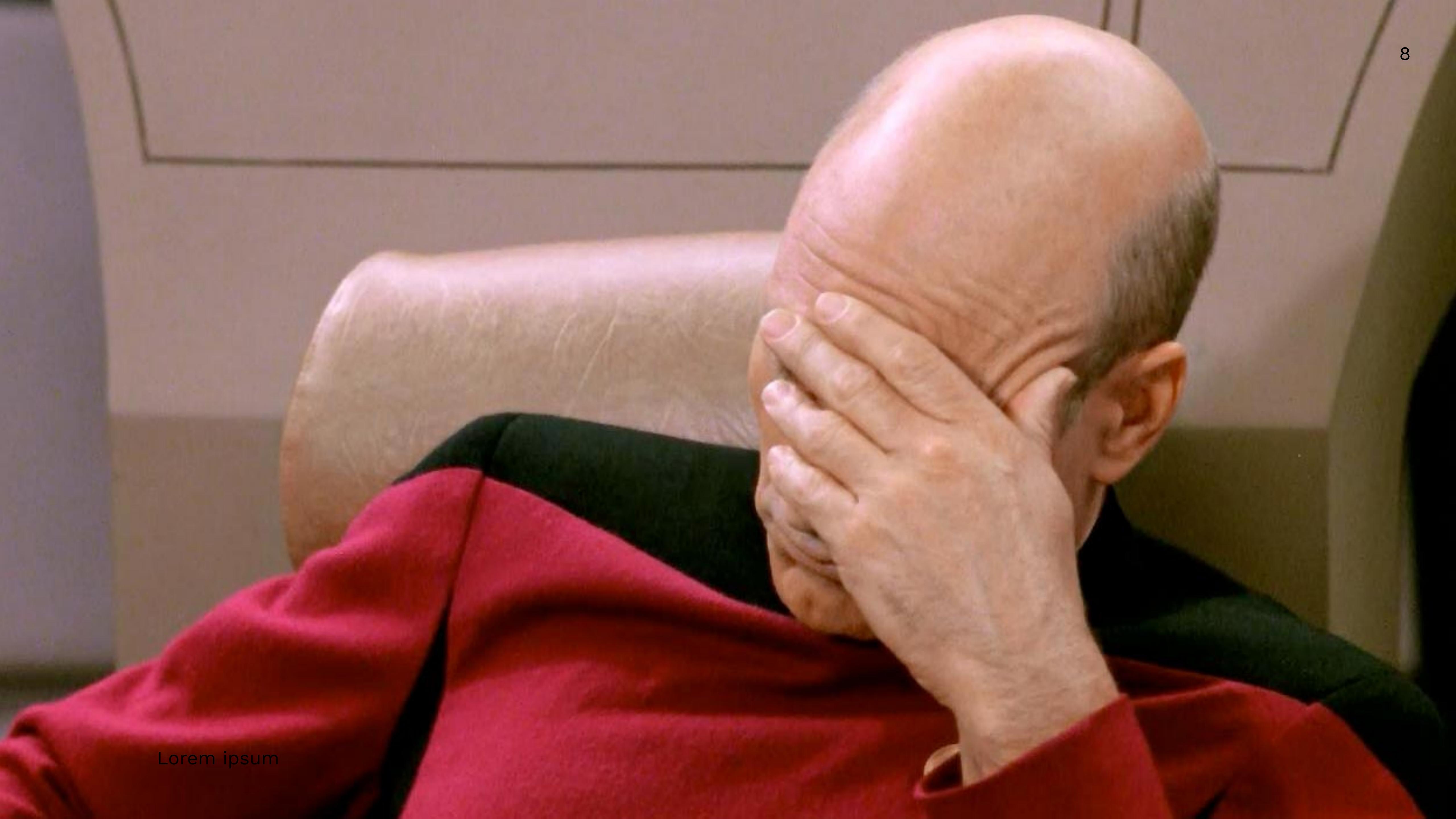


The Verge

Dan Hon | @hondanhon



Actually, *Tea, Earl Grey, Hot* is the name of a 16 million lines of code macro Picard wrote in the Academy to make sure he got a passable hot drink.



Lorem ipsum

Computer, Stop.

9



Computer, Stop.

10



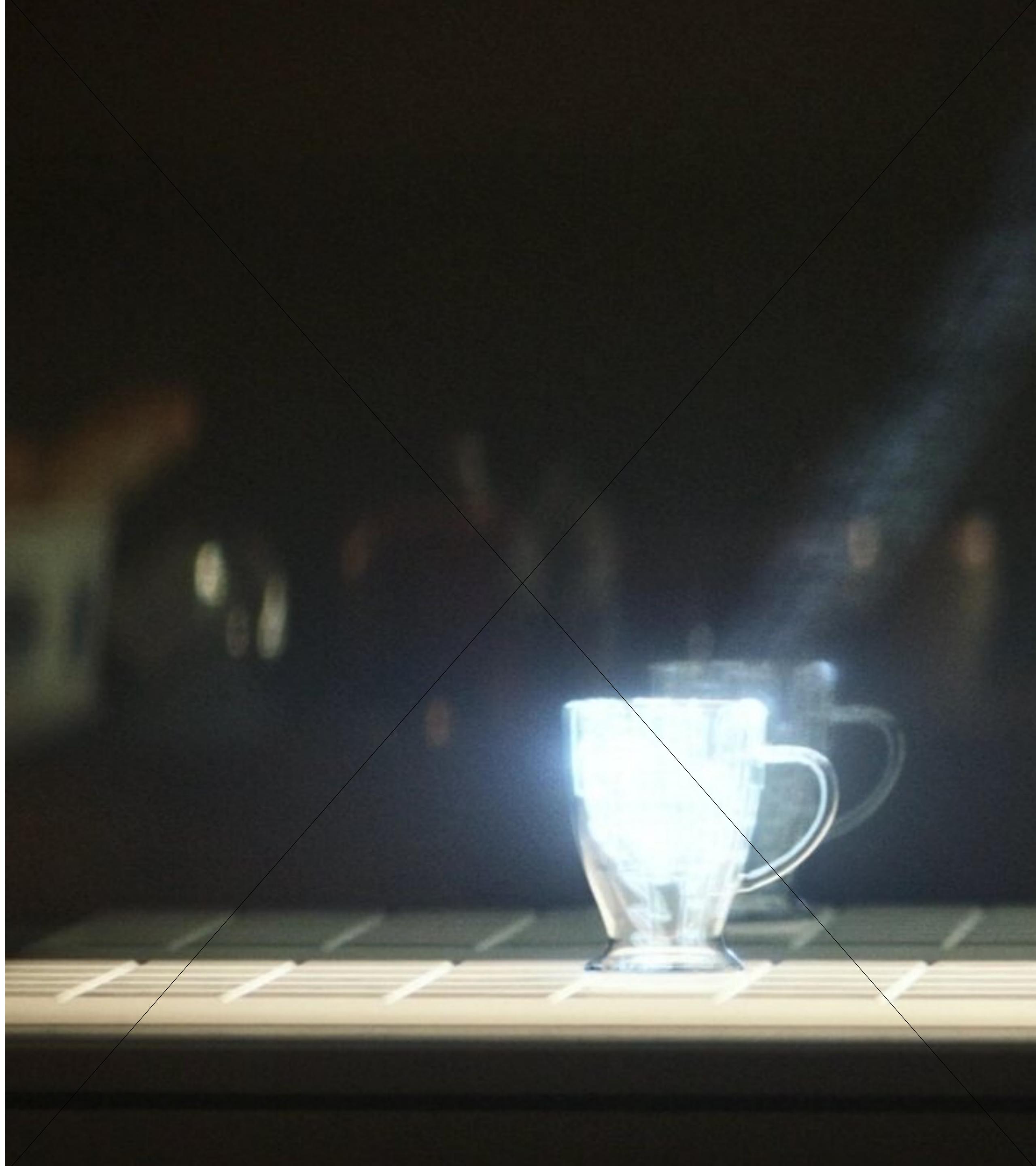
20

Star Trek: Picard, CBS, 2020

Dan Hon | @hondanhon

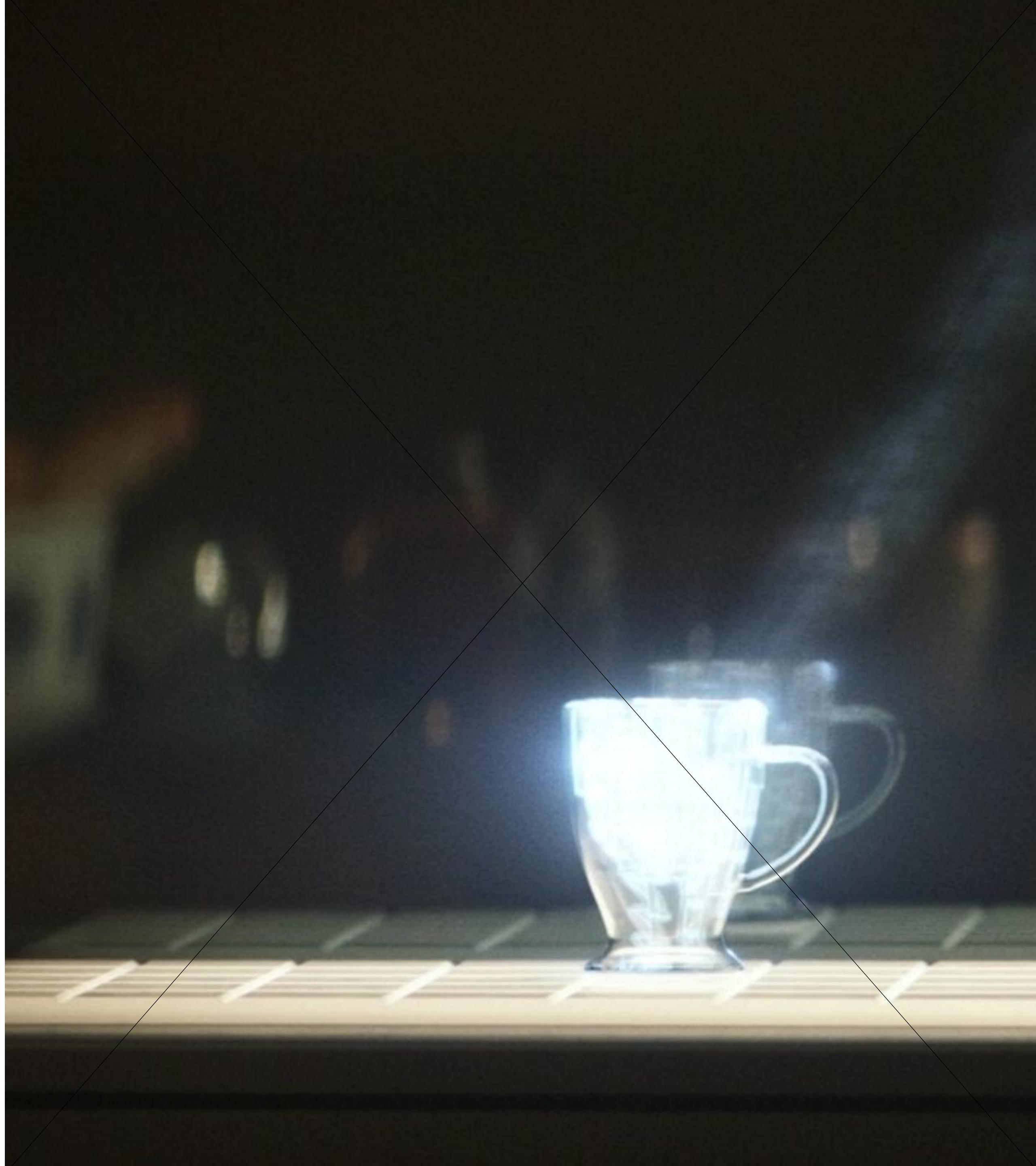
Computer, Stop.

Tea.



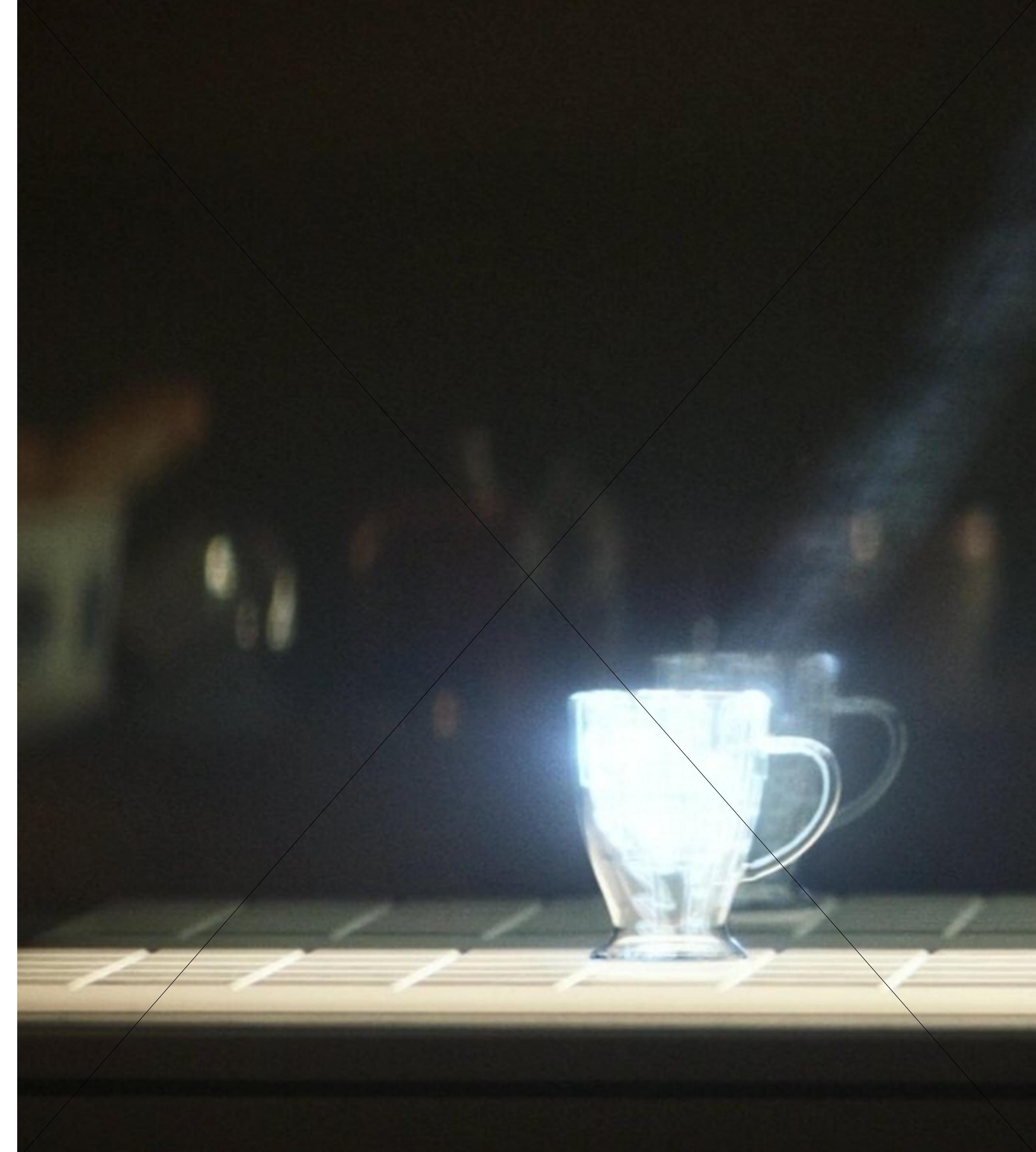
Computer, Stop.

Tea.
Earl grey.



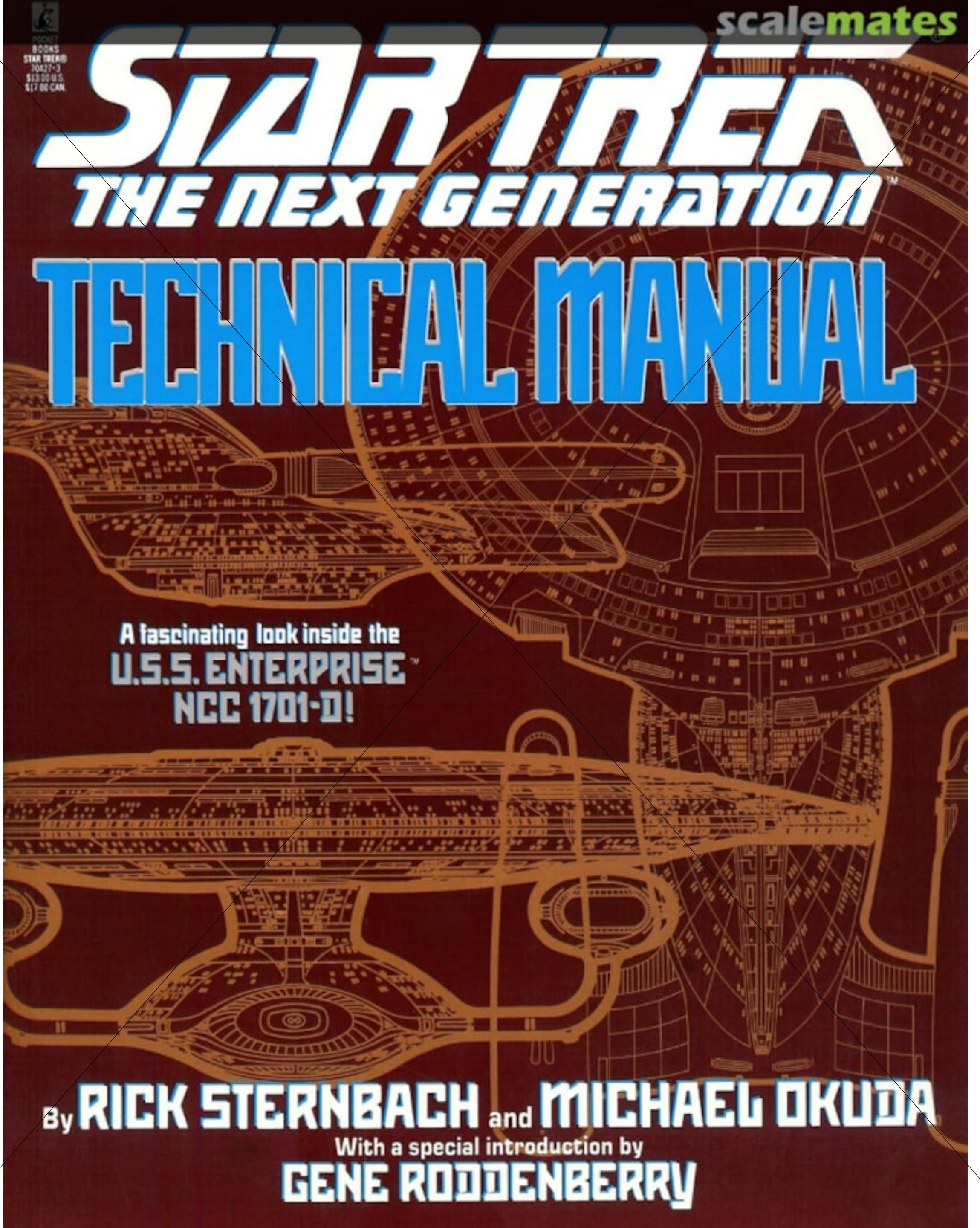
Computer, Stop.

Tea.
Earl grey.
Decaf.



Computer, Stop.

Tea.
Earl grey.
Decaf.



Computer, Stop.

2/ Why do we keep borrowing?



Computer, Stop.

Make It So

Nathan Shedroff &
Christopher Noessel, 2012

<https://scifiinterfaces.com>

20



Science fiction creates interface as by-product. Its focus is entertainment, and this affects the interfaces that come from it.

Make It So Schedroff and Noessel

1/ We love stories set in believable worlds



Quietus

You Decide When

p to £2.00





The image shows a composite screenshot of a web-based air security system interface and a terminal window displaying a root shell session.

Left Side (Web Interface):

- Header:** U.S. Air Security & Border Protection
- Navigation:** Employees, Access verification, Secure access
- Passport Clearance Checks:**
 - LHR (London Heathrow):** Ticket Check (Cleared), US VISA Check (Cleared), UK Customs (Cleared)
 - LAS (Las Vegas McCarran Intl):** Facial Recognition (Pending), Passport Status (Pending)
- Passenger Details:** Surname: MICHAELS Given Names: CHRISTOPHER, Nationality: UNITED STATES OF AMERICA, Date of Birth: 27 SEPT 1978

Terminal Window (Root Shell Session):

```
heatherjee@cia-cyber: ~ $ ssh root@199.256.09.21
root@199.256.09.21's password: *****
[root@TSACONTROLSRV-]# cd/bin/database
[root@TSACONTROLSRV-]# access LAS DATABASE
LAS VEGAS McCARRAN PASSPORT CONTROL
[searching]: 1 result returned
1071587USA MICHAELCHRISTOPHER482852111
CHRISTOPHER MICHAELS
```

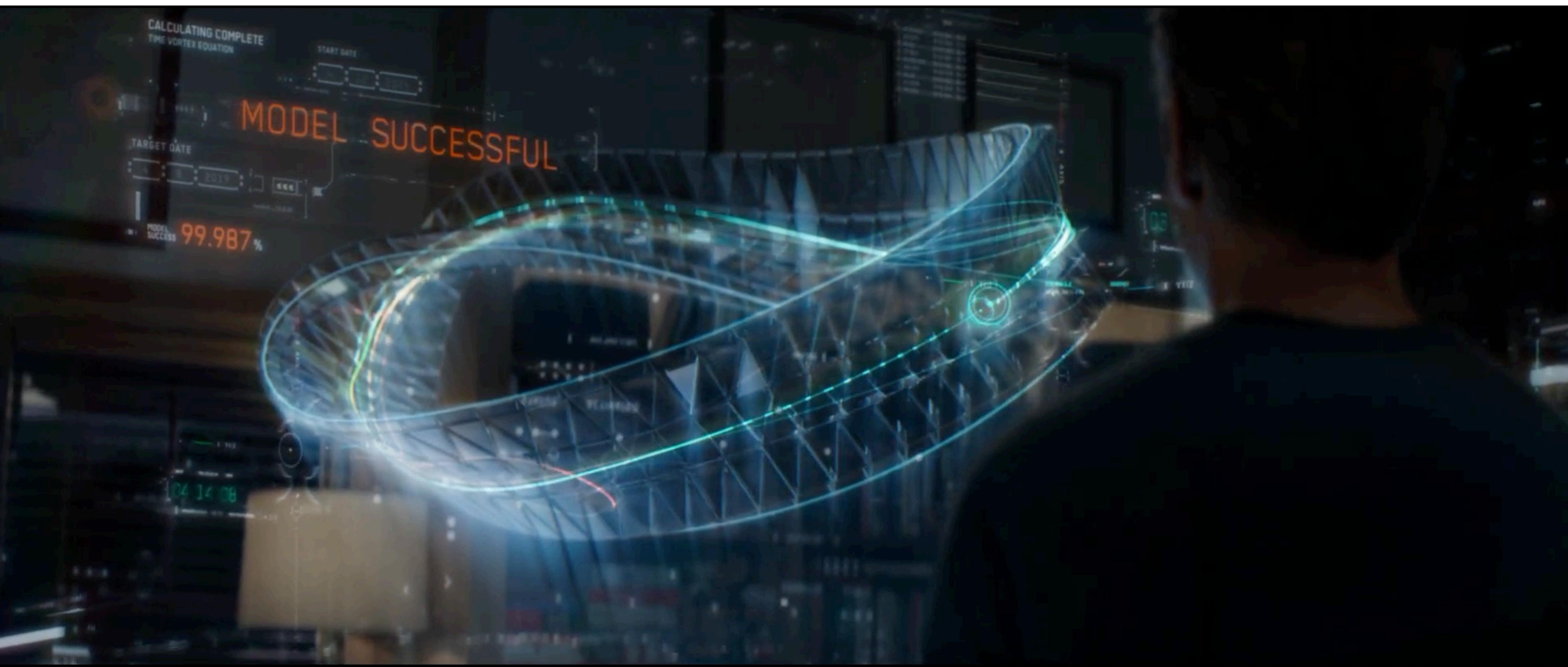
Flight Manifest (Right):

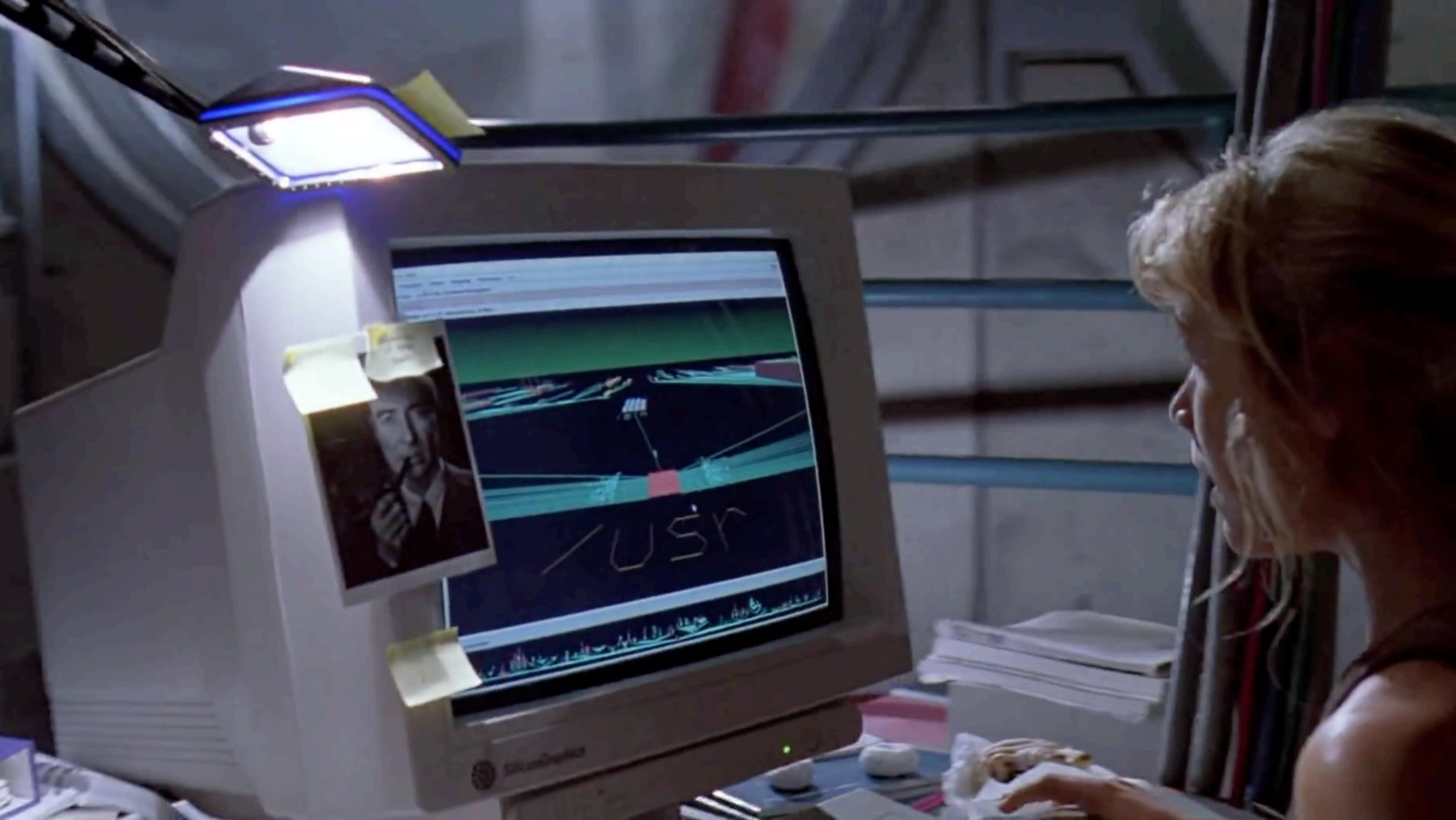
NAME OF PASSENGER	FLIGHT NUMBER	DEPARTURE DATE	ARRIVAL DATE
MICHAELS / CHRISTOPHER	GMSLW1	20 OCT	

Flight manifest details:
Seat Number: 35, Class: Y, Checked Luggage: 0
Seq. No.: 146, Zone 1: 1-10, Zone 2: 11-21, Zone 3: 22-38, Zone 4: 39-47
Flight OPS POS: 0, Total Checked: 0

**2/ I have superpowers
I'm a heroine
I have mastery
I have agency**

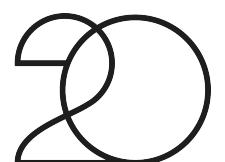
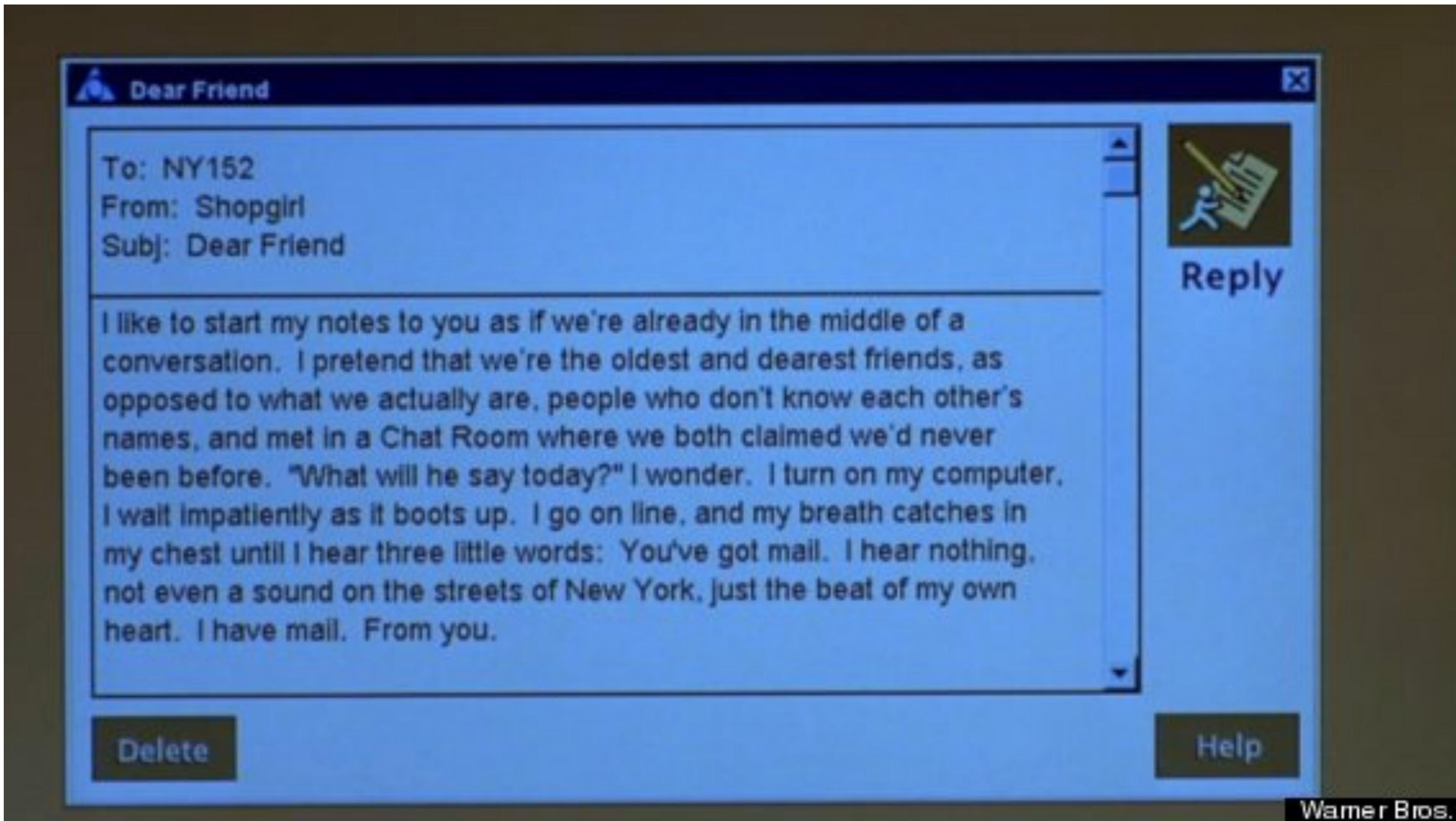
Computer, Stop.





3/ You understand me, you really understand me



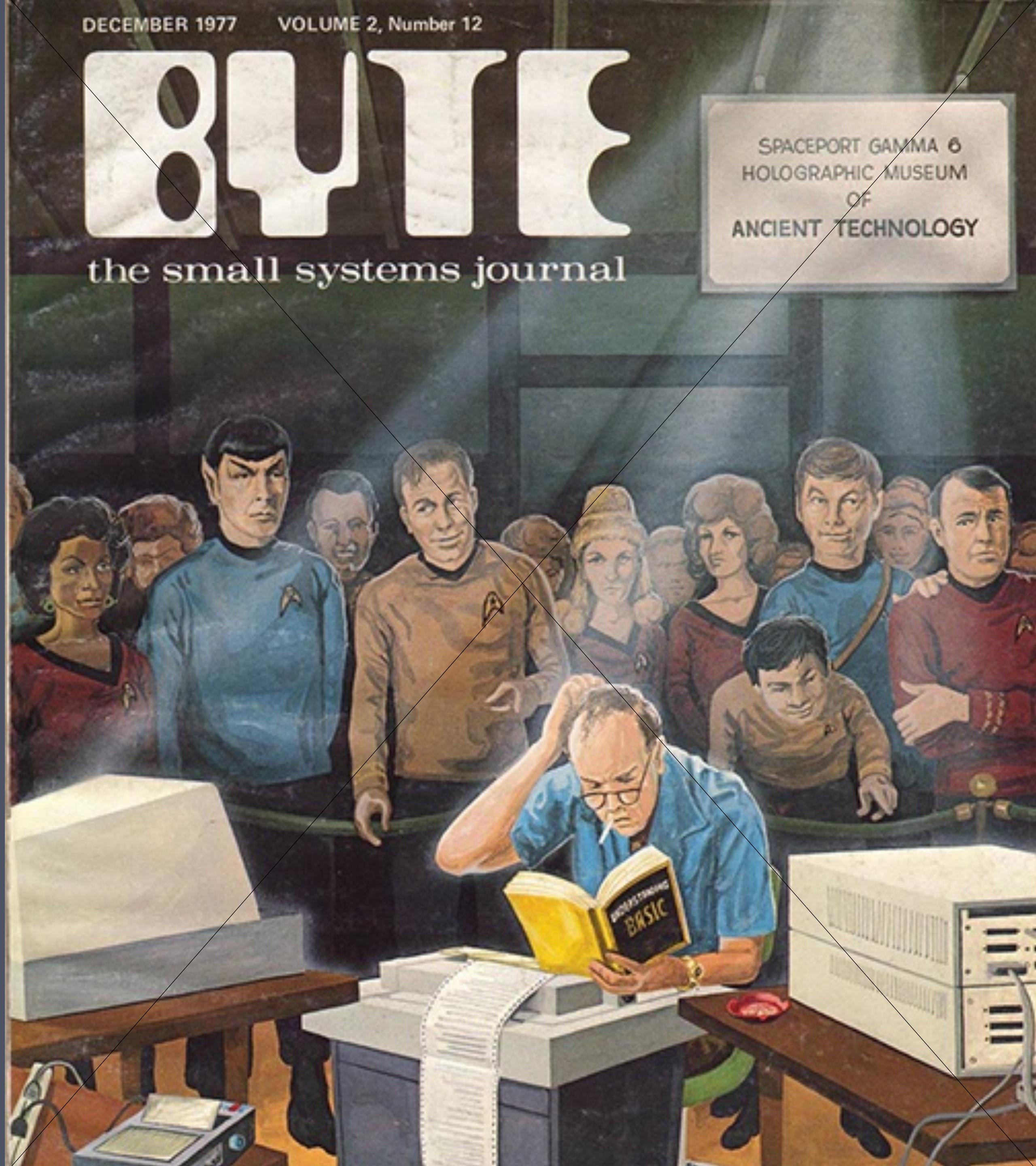




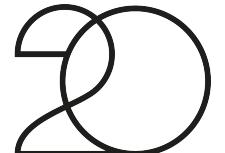
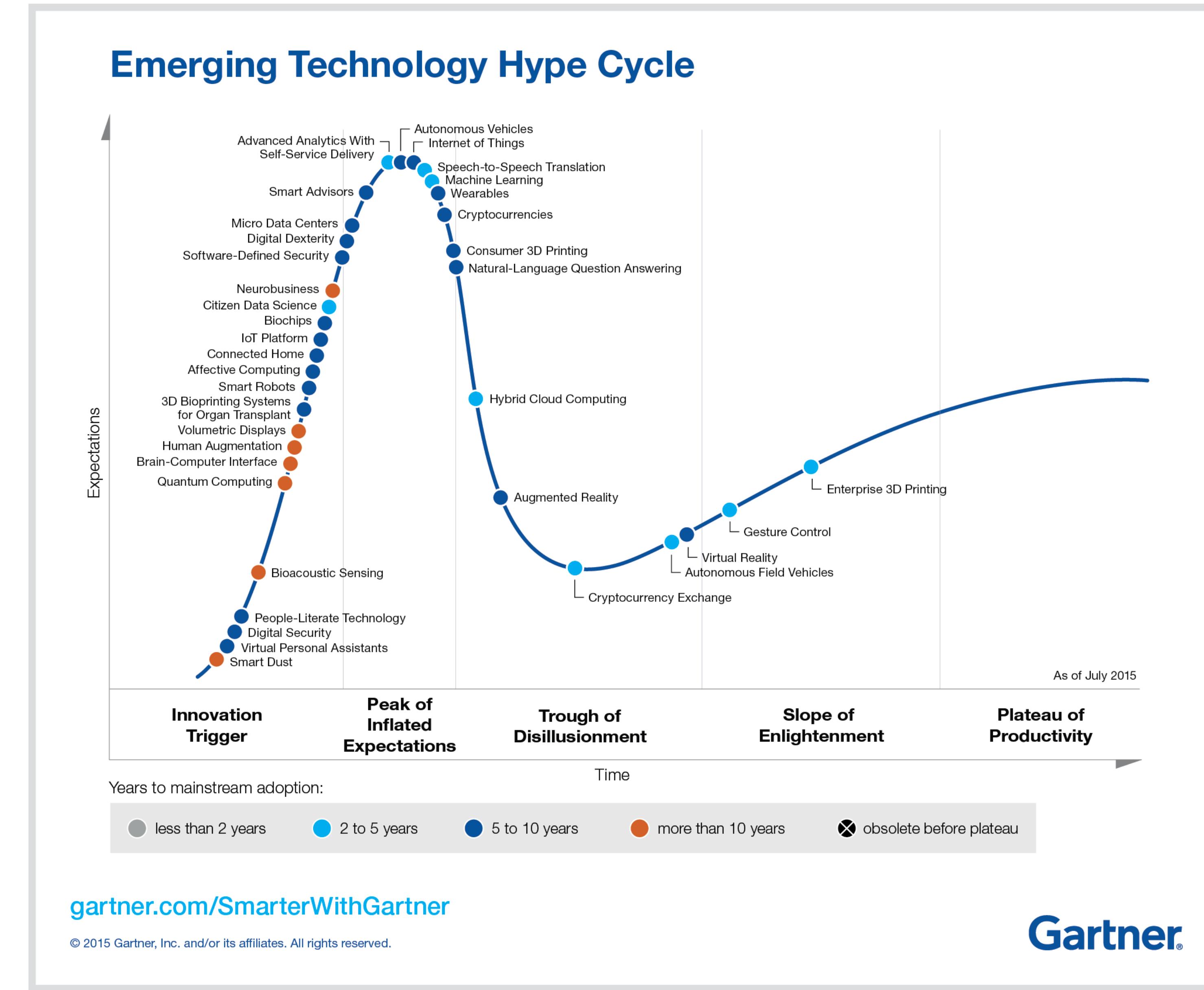
Computer, Stop.

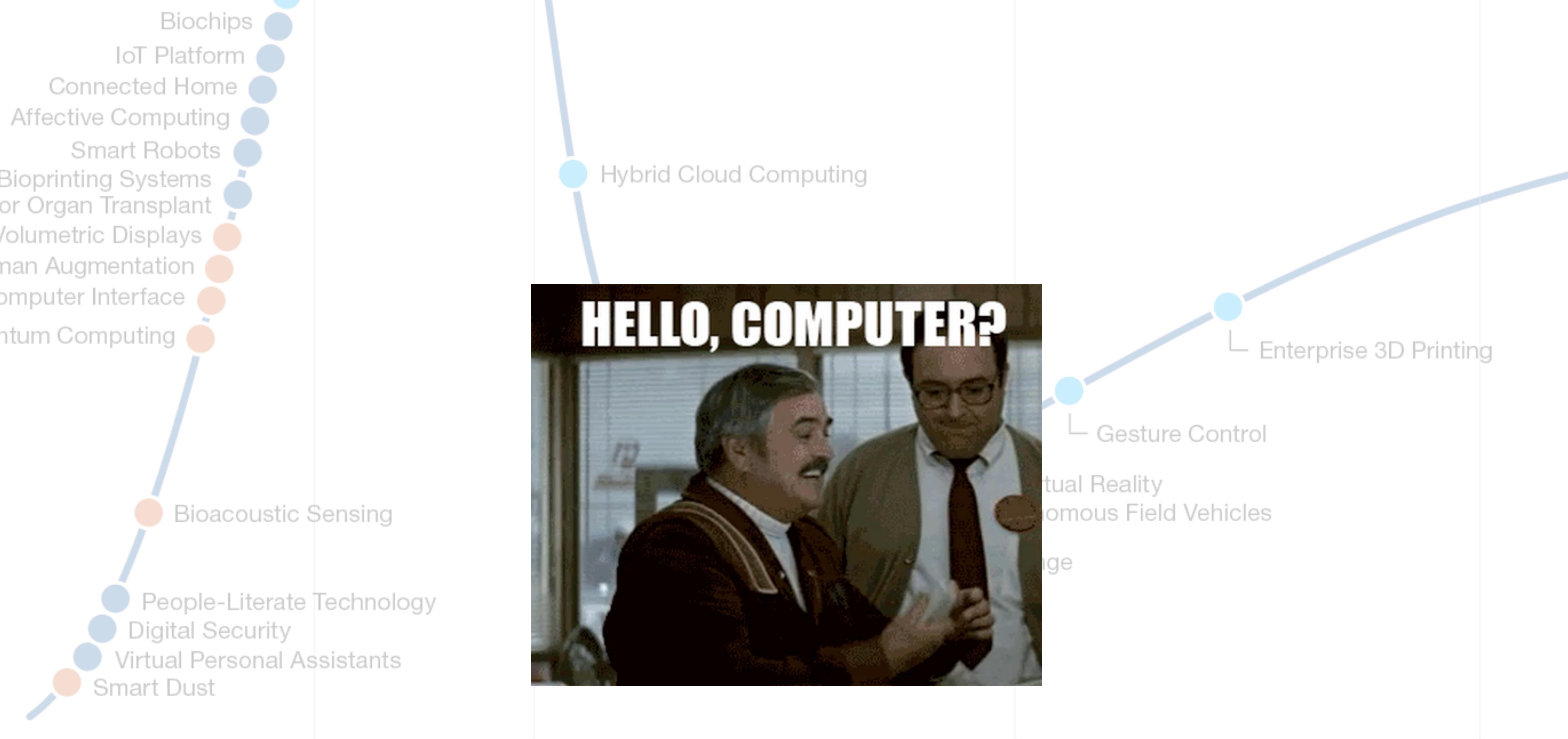
3/ The undiscovered country of missed expectations and unforeseen consequences

20



1/ We lose trust





Innovation
Trigger

Peak of
Inflated
Expectations

Trough of
Disillusionment

Slope of
Enlightenment





Computer, Stop.

35



**2/ Without interrogation,
it presents a happy
path of social
outcomes**

Computer, Stop.

37



3/ Science fiction has its own issues of diversity, equity and inclusion

Computer, Stop.

4/ Responsible inspiration



1/ **Science fiction isn't design fiction**

October 2019

Near Future Laboratory

Julian Bleecker, Nick Foster, Fabien Girardin,
Nicolas Nova

Creating an artifact forces you to get into the details of your future world in a way that writing a story does not.

Near Future Laboratory, October 2019

When writing, it is easy to skip over uncomfortable details in favor of the “big picture”. Design Fiction makes you sweat the details. Good design sweats the details through-and-through.

Near Future Laboratory, October 2019

2/ The Case For Mundanity: You Might Not Be The Hero

Computer, Stop.

44



Computer, Stop.

45



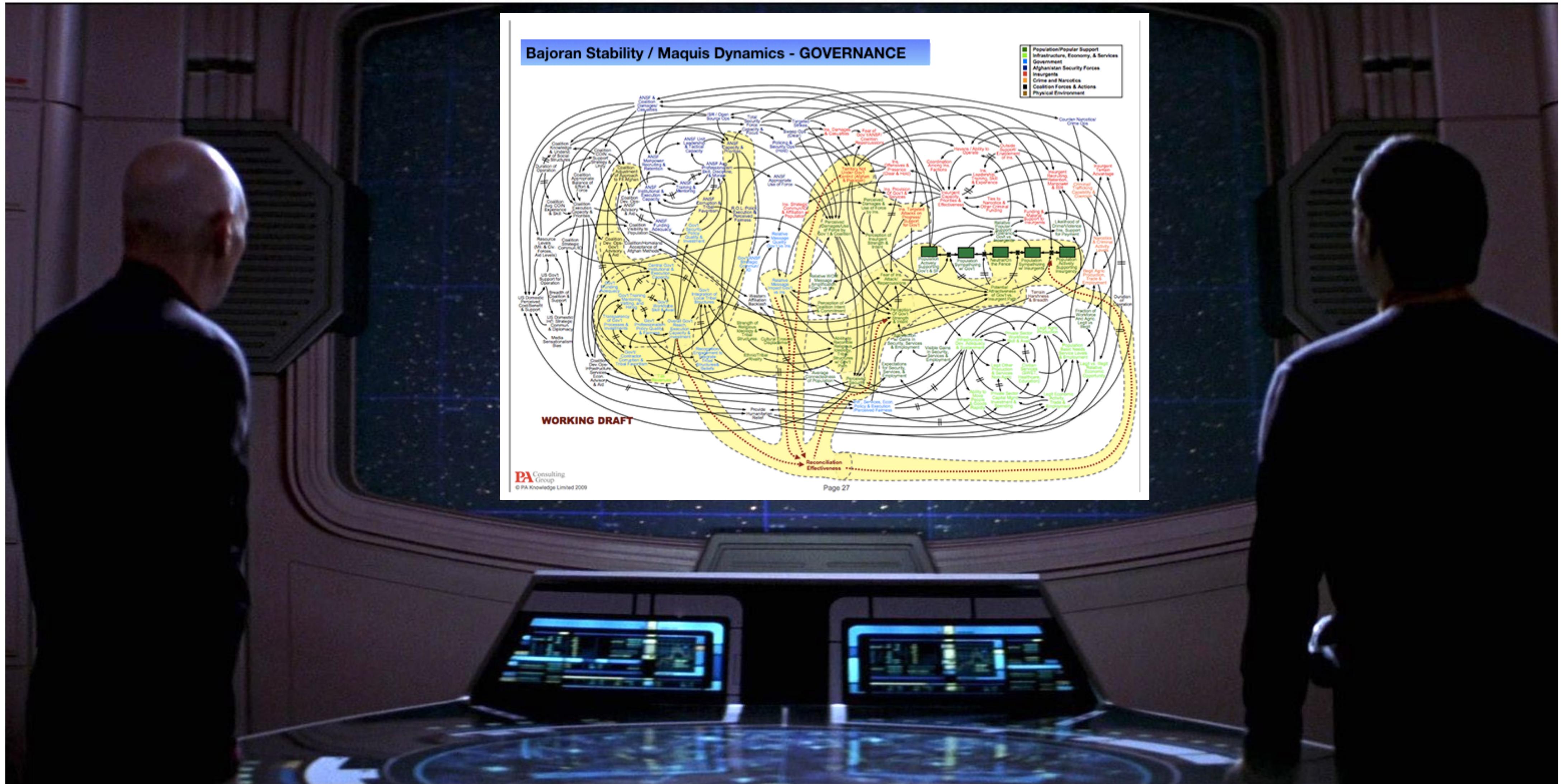
20

Dan Hon / @hondanhon

Computer, Stop.

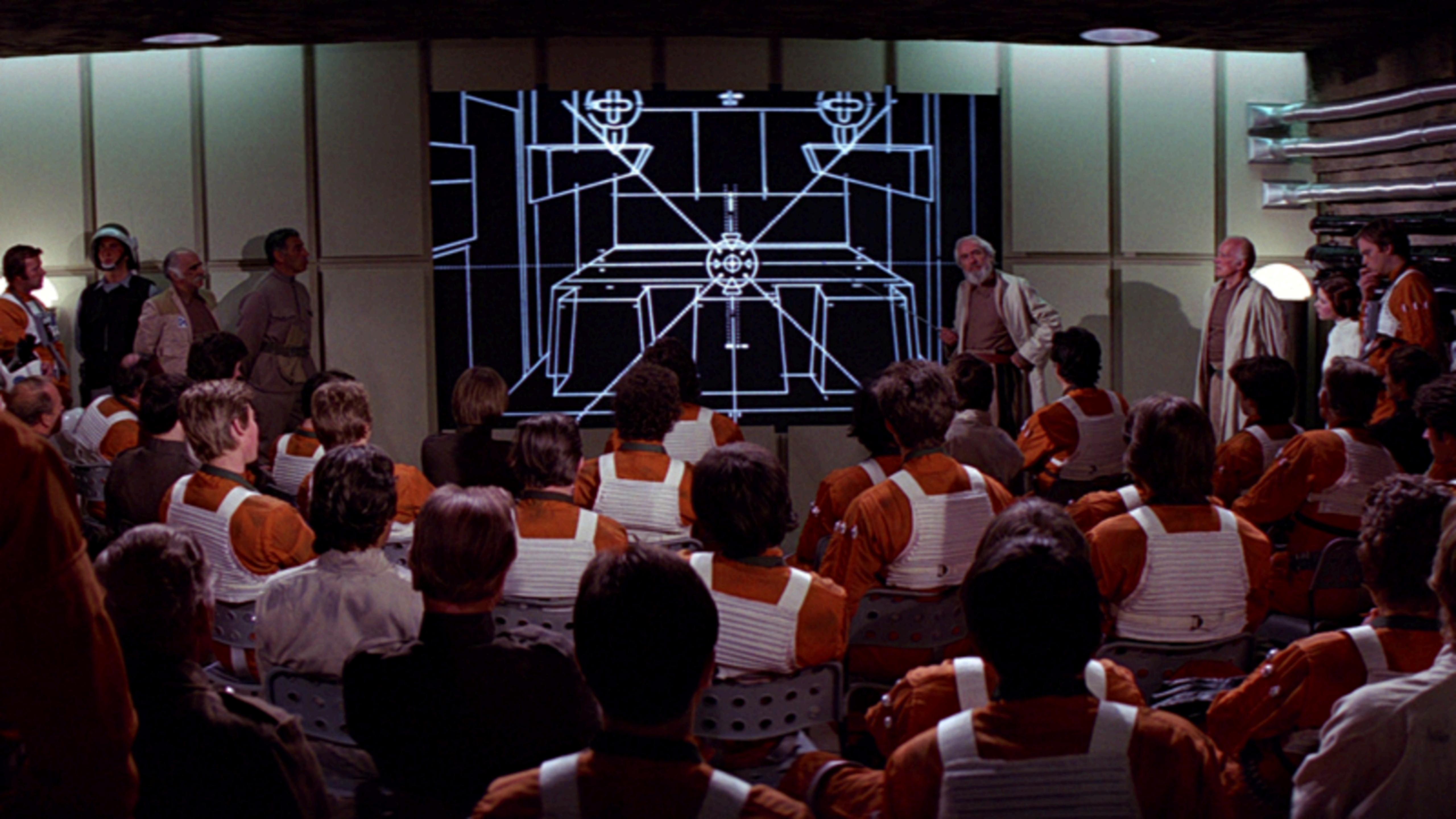
46

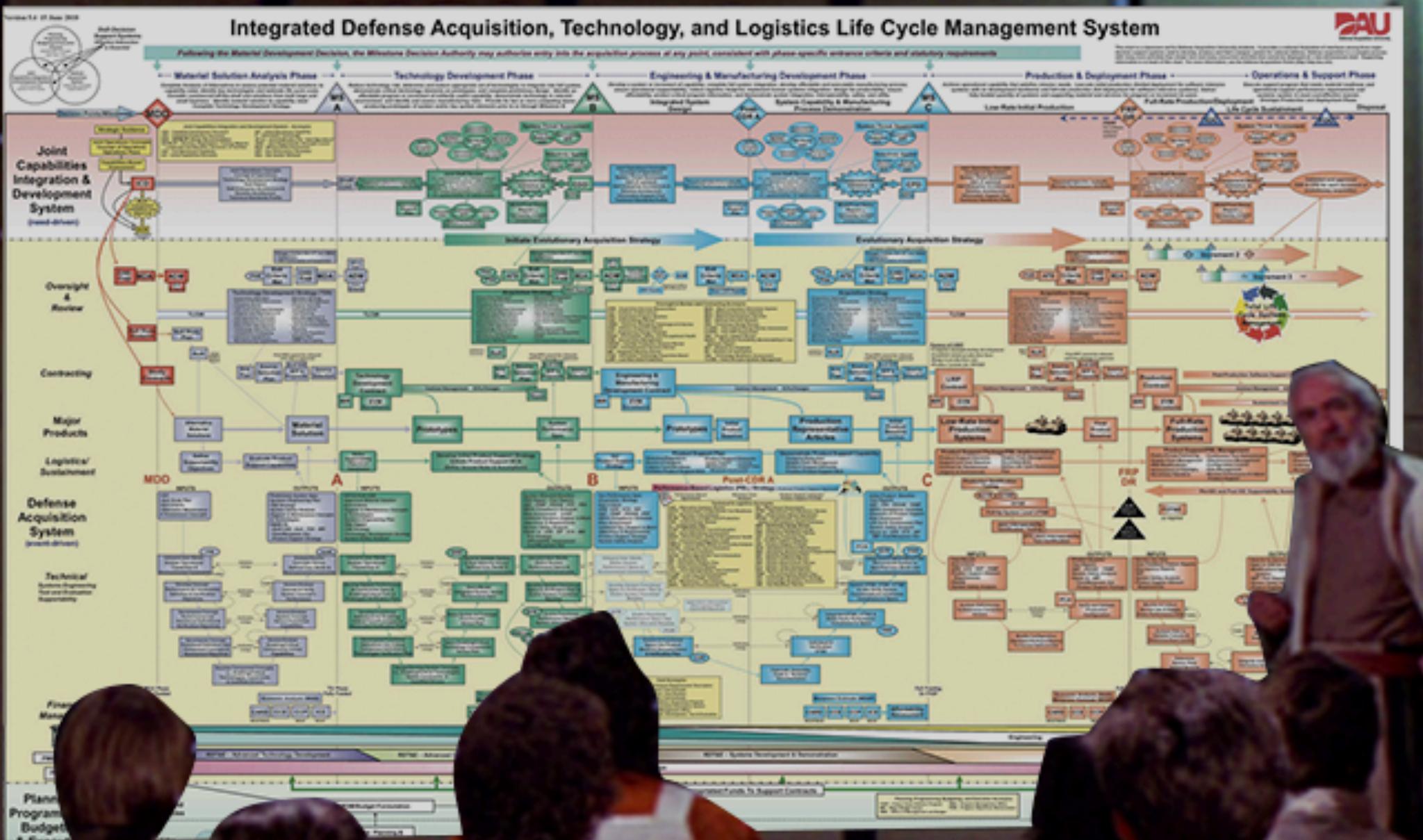












3/ The Case For Mundanity: Can You See It Now?



20

Lorem ipsum

Dan Hon / @hondanhon

Computer, Stop.

54



20

Lorem ipsum

Dan Hon / @hondanhon

Computer, Stop.

55



20

Lorem ipsum

Dan Hon / @hondanhon

Computer, Stop.

56



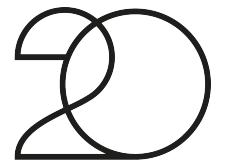
20

Lorem ipsum

Dan Hon / @hondanhon

Computer, Stop.

57



Lorem ipsum

Dan Hon / @hondanhon



dan hon is at Interaction20
@hondanhon



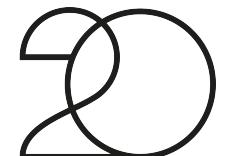
CRUSHER: "Sir, the nebula is emitting readings we've never encountered before."

RIKER: "On screen, Ensign."

CRUSHER: *takes screenshot of his LCARS terminal and DMs it to @bridgemainscreen*

DATA: *facepalm*

7:35 PM · Jul 11, 2019 · [Twitter Web Client](#)



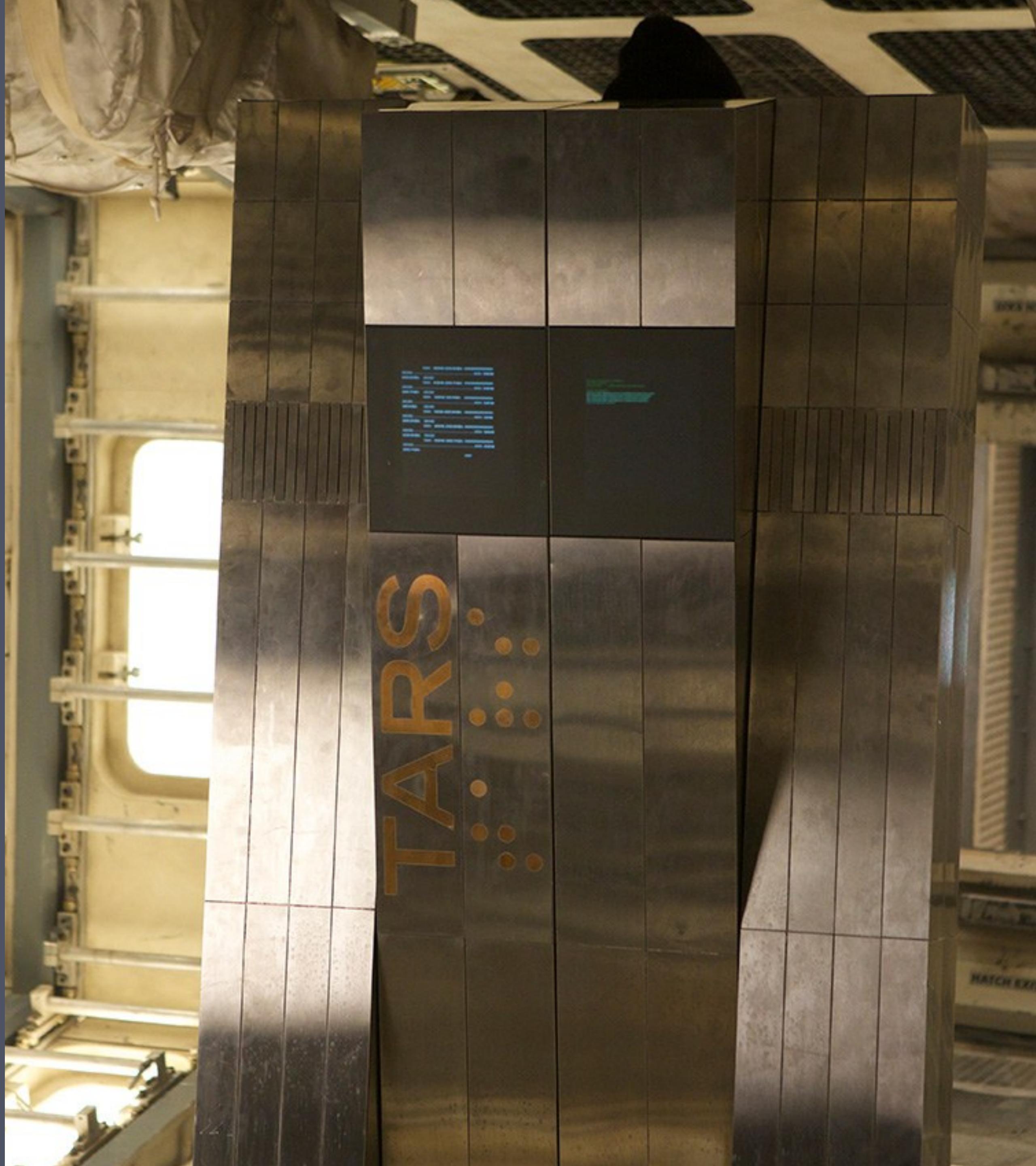
Lorem ipsum

Dan Hon / @hondanhon

Computer, Stop.

5/ Two short examples

20



Computer, Stop.

GERTY Moon (2009)

20





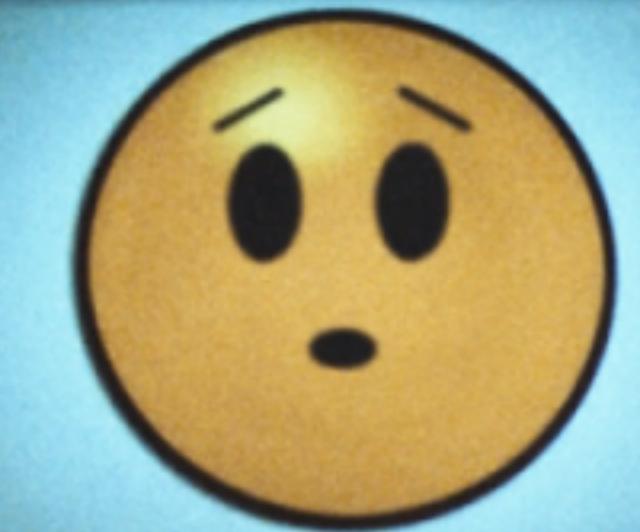
LUNAR
INDUSTRIES INC.

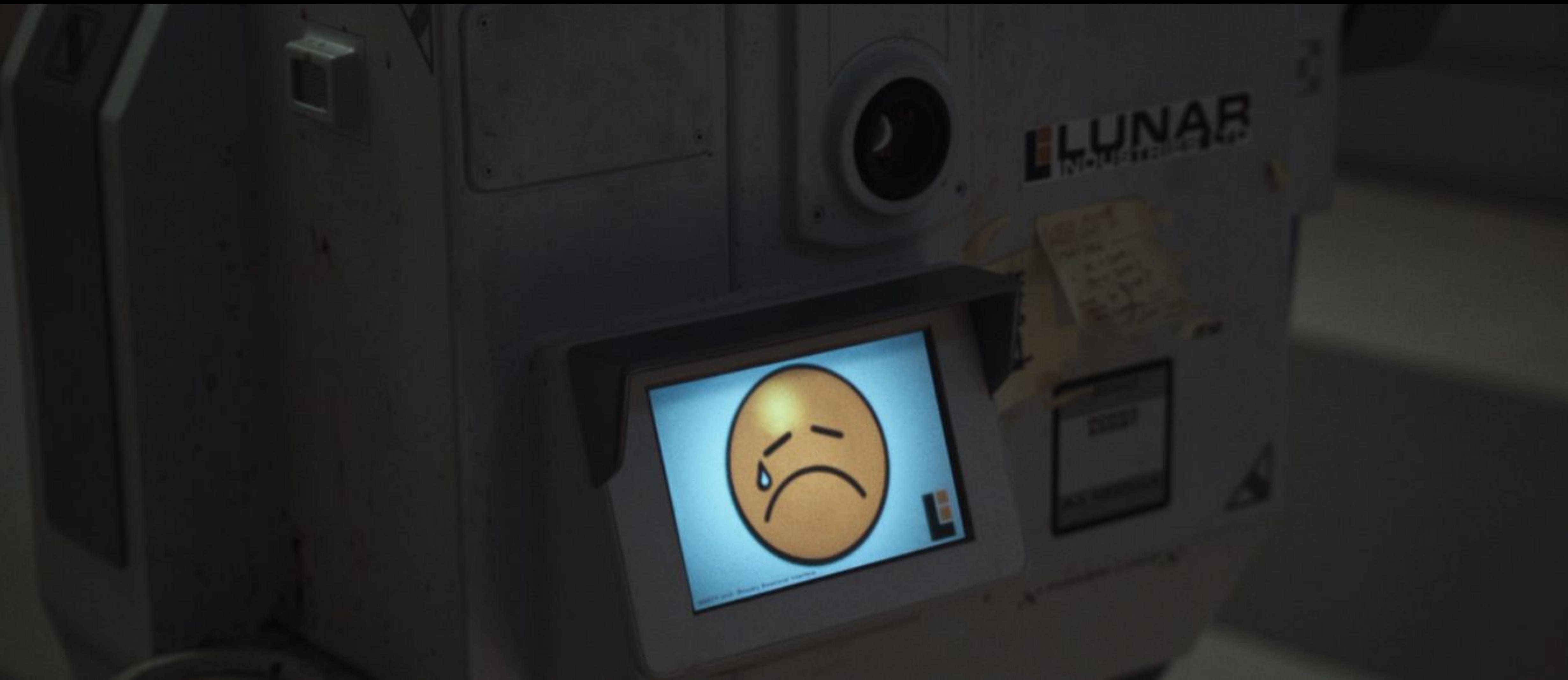
SERVICE
ROVER 3
BOOM

CHECK POWER
ASIST UNIT IN
MAIN DECK
OK - BANK 1
OR
POWER 2
POWER 3
TOWER 1
TOWER 2
TOWER 3
SOLAR 1
SOLAR 2
SOLAR 3

300HZ
POWER ASSIST
A.I. MODULE

POWER LOCK

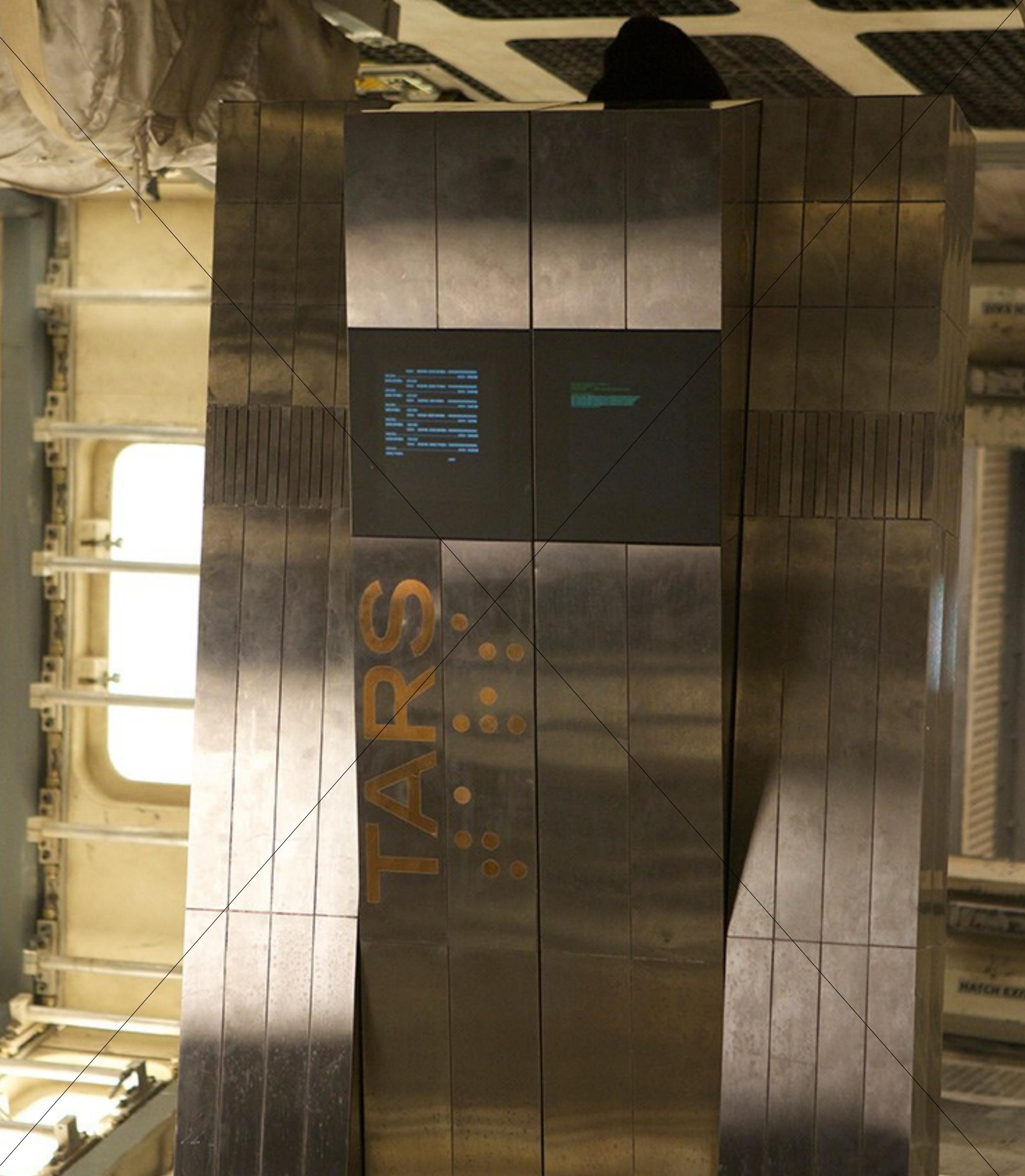




Computer, Stop.

TARS and CASE Interstellar (2014)

20



Computer, Stop.

Baxter (2011)



Computer, Stop.

Star Trek communicator badge (1987)

20



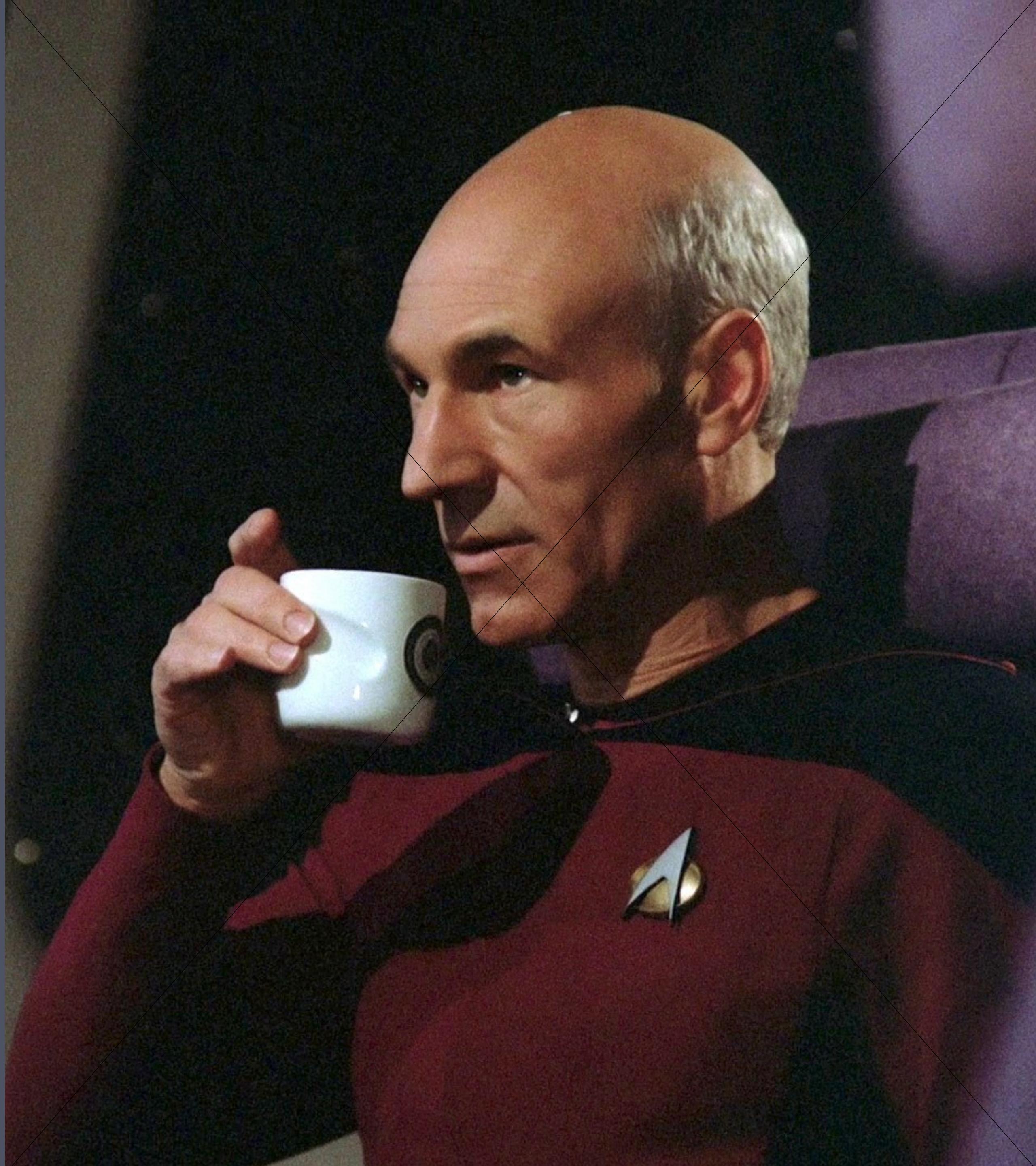
Computer, Stop.

Withings Activité



Computer, Stop.

6/ Wrapping up



1/ Inspiration from science fiction is rooted in storytelling

2/ These storytelling artifacts have specific goals

3/ Interrogate by creating actual artifacts, not by telling stories

**3/ Interrogate by creating
actual artifacts, not by
telling stories**

**... and by being bloody-
mindedly stupid.**

Dan Hon
danhon.substack.com
@hondanhon

Thank you.