



Your business
doesn't have
technology problems



PARIVEDA
SOLUTIONS



Partner
Network

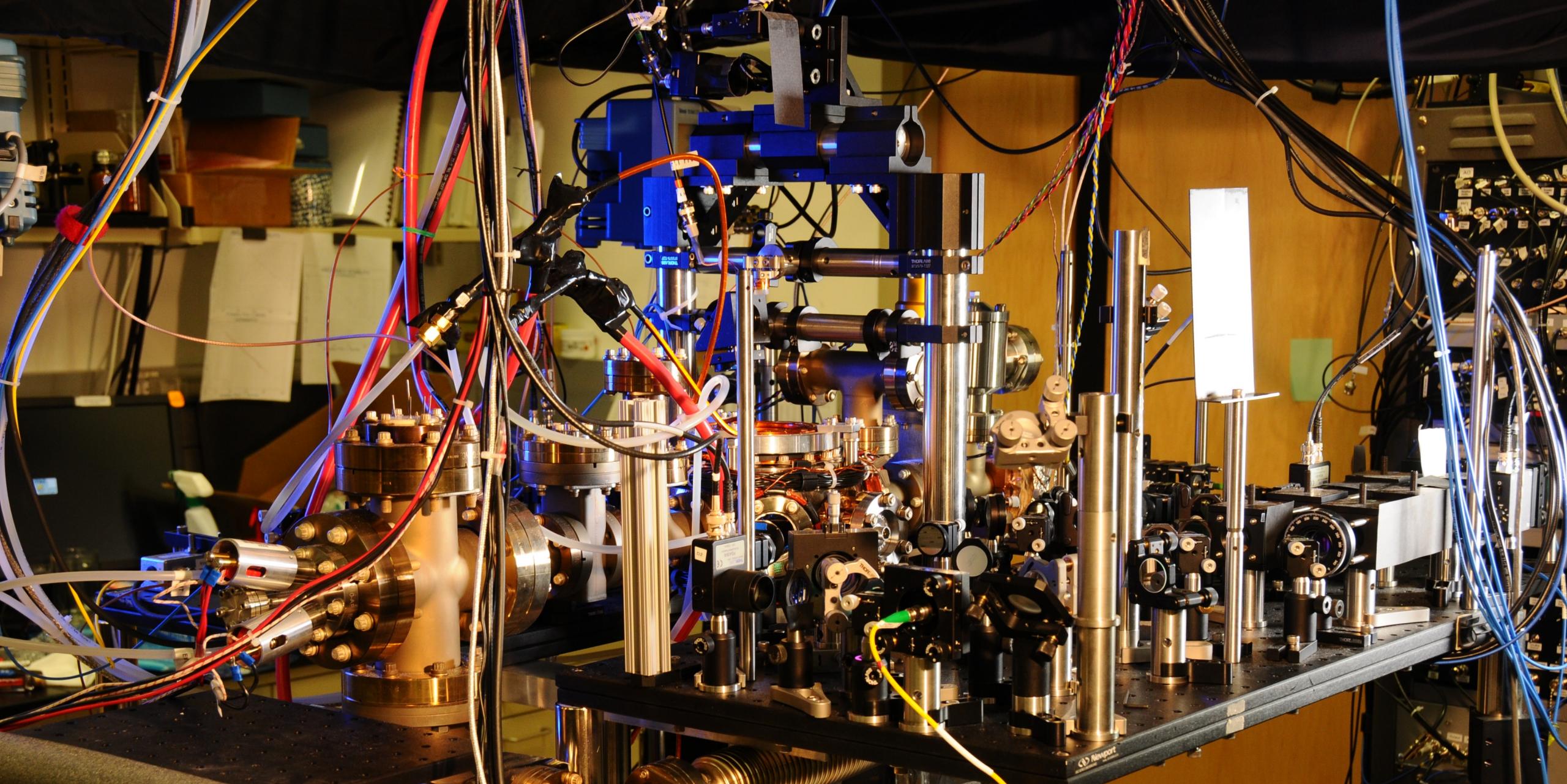




**PARIVEDA
SOLUTIONS**



Partner
Network



PARIVEDA
SOLUTIONS



Partner
Network

You still have
problems



PARIVEDA
SOLUTIONS



Partner
Network



PARIVEDA
SOLUTIONS



Partner
Network





**PARIVEDA
SOLUTIONS**



amazon
web services
Partner Network

solving
technology
You don't have
technology problems
problems isn't
your business



PARIVEDA
SOLUTIONS



Partner
Network

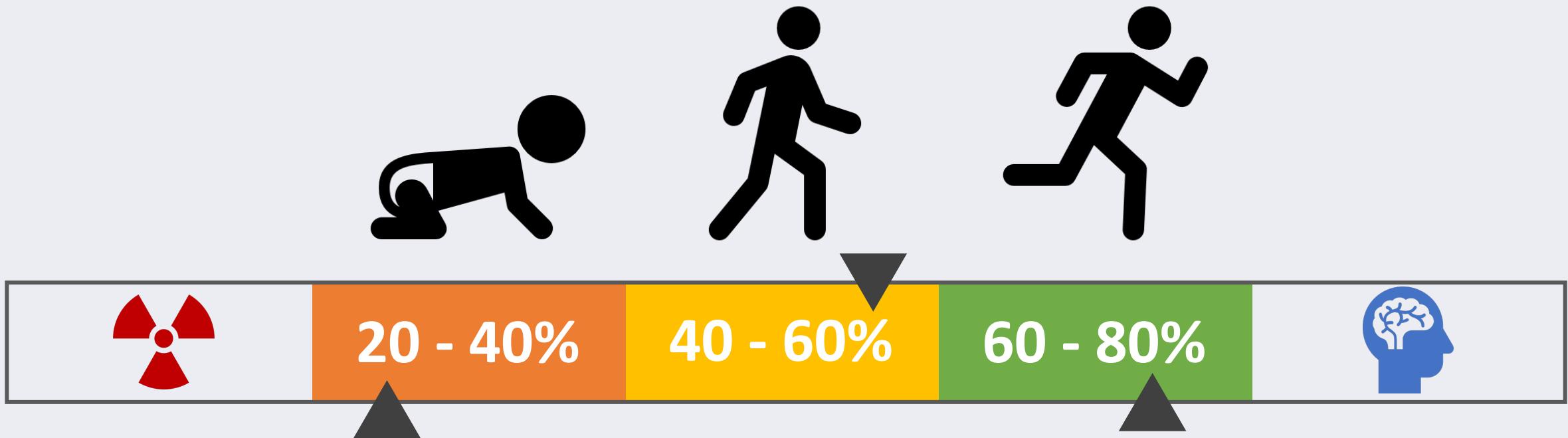
How much time does IT spend on solving business problems?



PARIVEDA
SOLUTIONS



Partner
Network

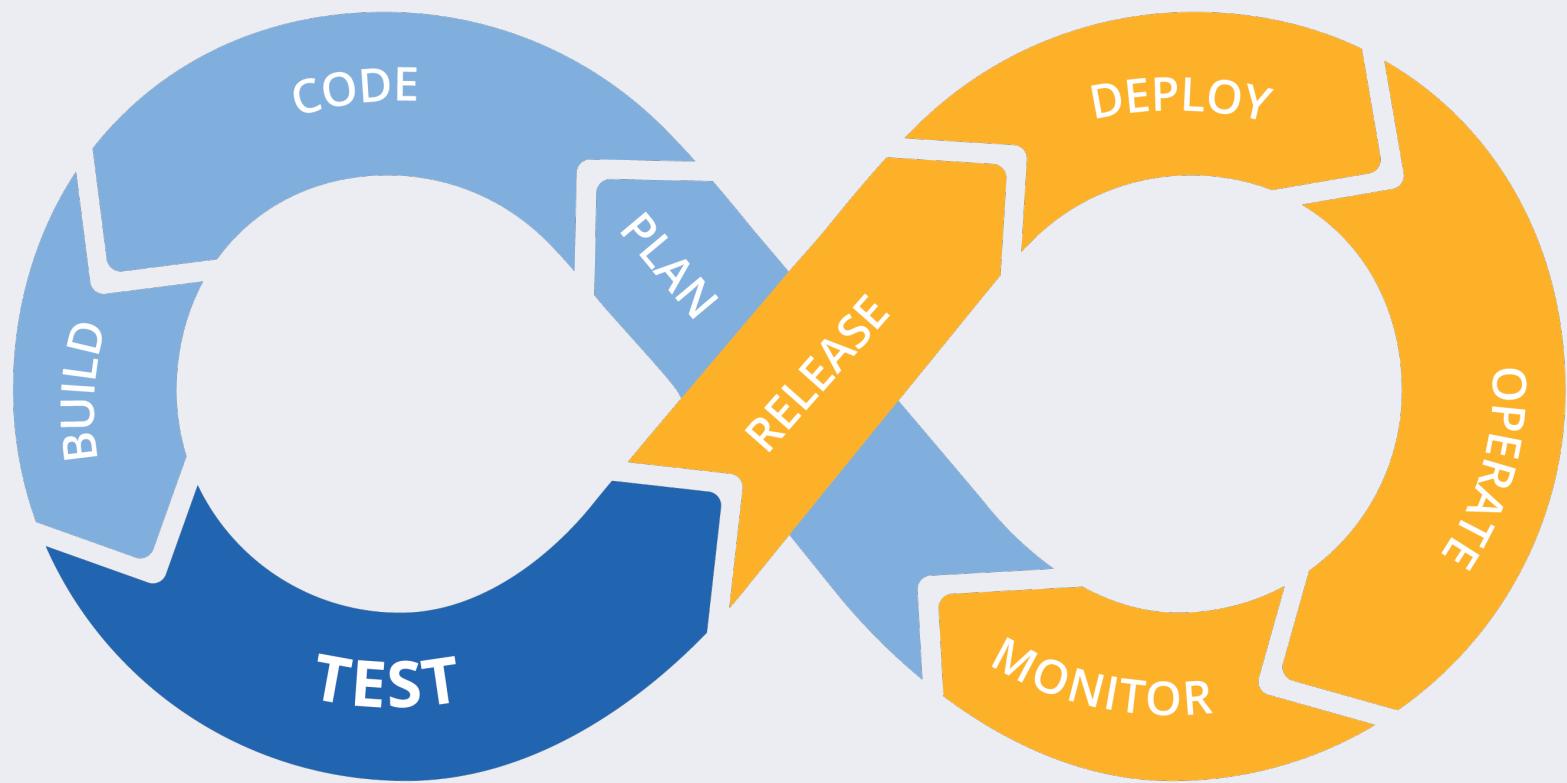


You already know what
you should be doing to
improve this



We have nothing new to
say about what you
should be doing





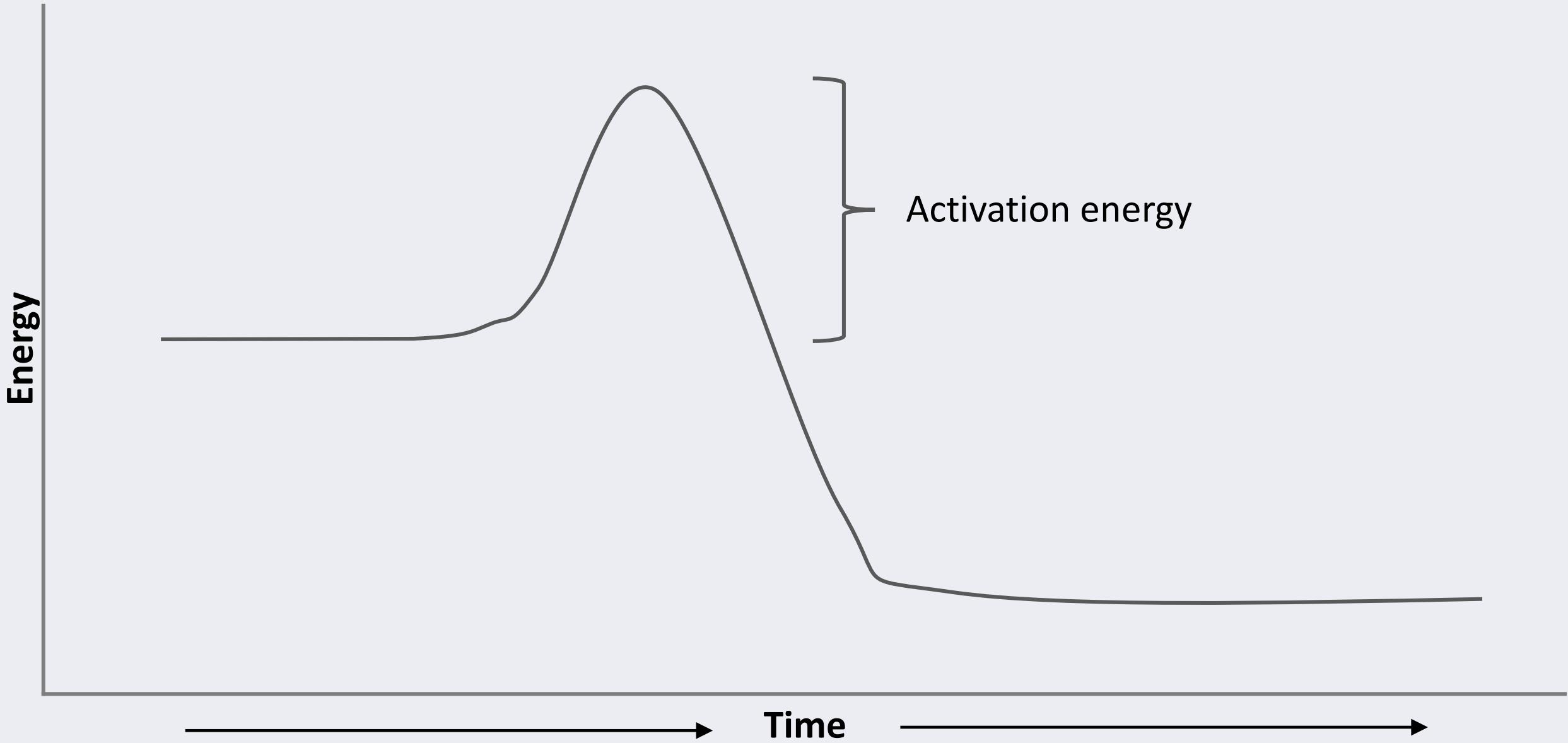
Why have so
few done it?

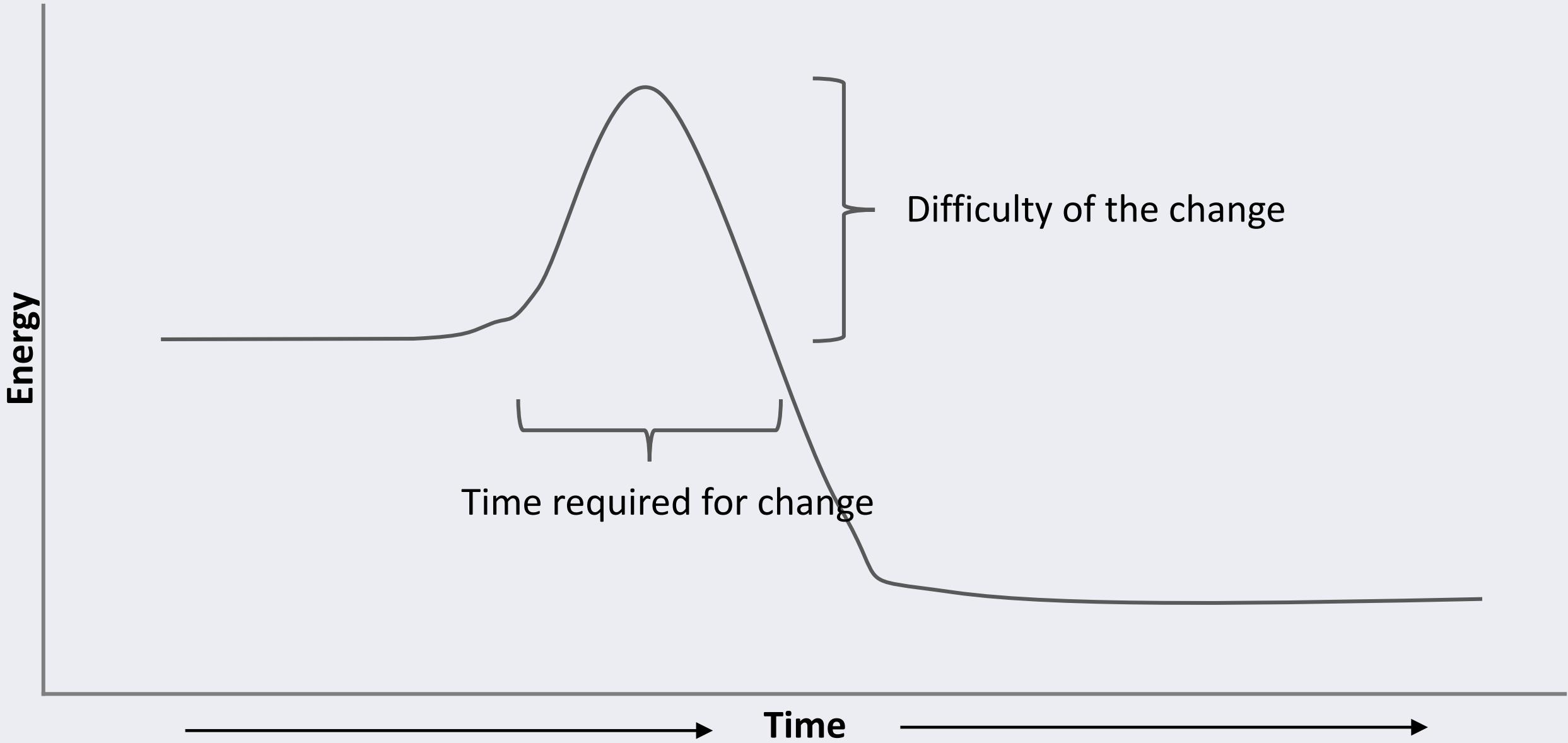


PARIVEDA
SOLUTIONS



Partner
Network

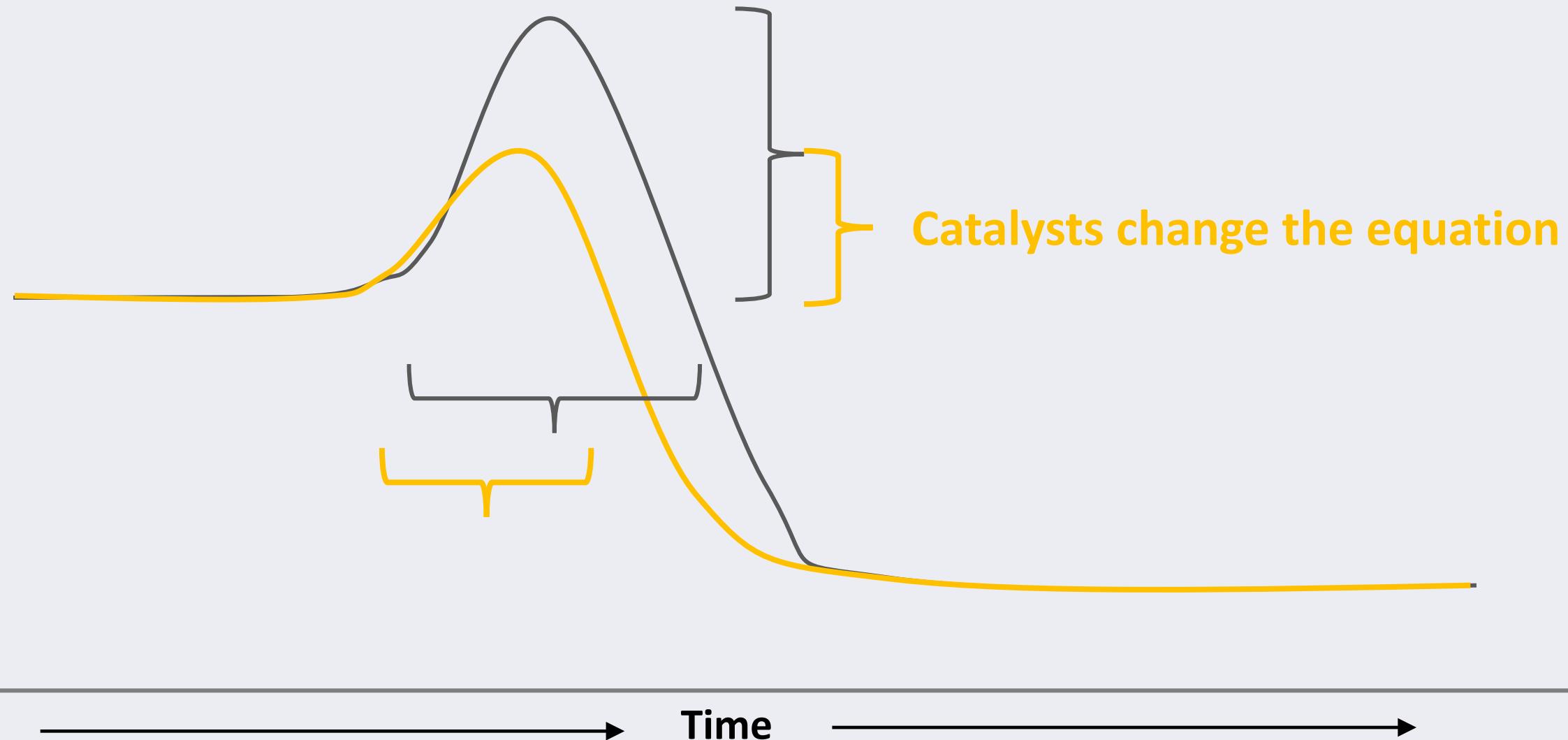






Energy

Time



Energy

Time

serverless
changes the
equation

Catalysts change the equation



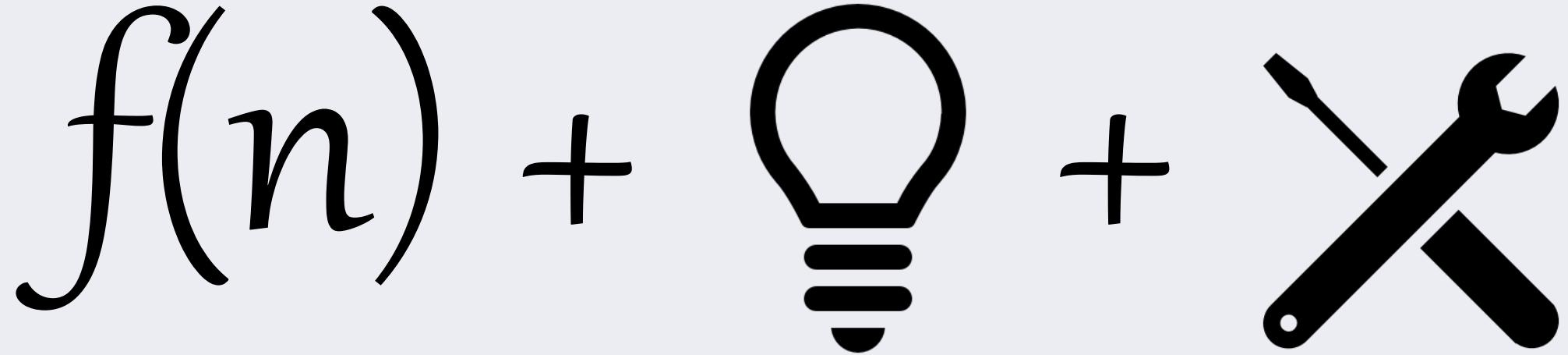
PARIVEDA
SOLUTIONS



amazon
web services
Partner
Network

What is serverless?

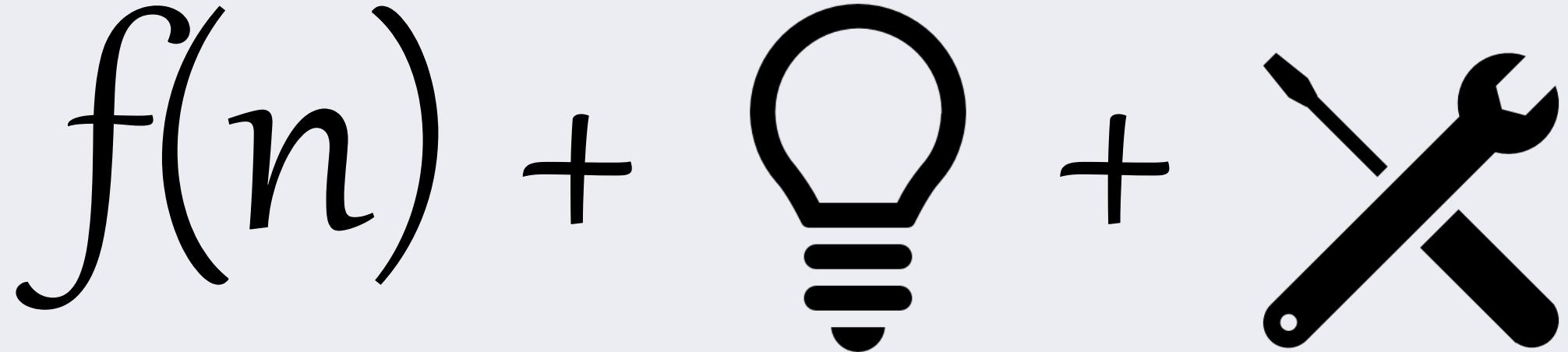




PARIVEDA
SOLUTIONS



Partner
Network



SERVERLESS

Serverless as catalyst



PARIVEDA
SOLUTIONS



Partner
Network



PARIVEDA
SOLUTIONS



Partner
Network



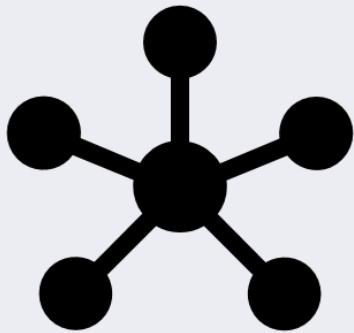
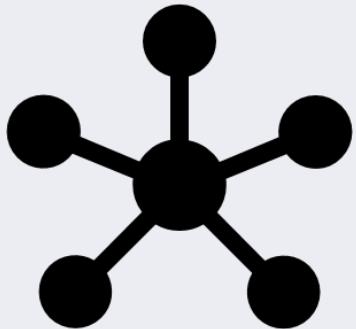
Data driven decision making



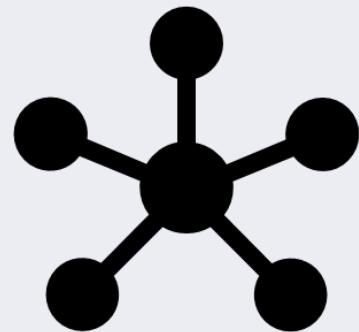
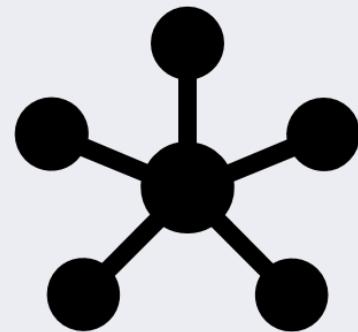
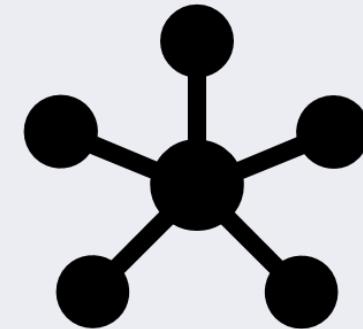
PARIVEDA
SOLUTIONS



Partner
Network



Small, product
focused teams





Cloud adoption & automation





Discovery through
experimentation

Unique value proposition to DevOps laggards



(Not so) Bold Predictions



PARIVEDA
SOLUTIONS



Partner
Network

You can do it with the
people you have now



PARIVEDA
SOLUTIONS



Partner
Network

You can start today
(there will be a
framework for that)



Enterprise-grade tools
are right around the
corner



PARIVEDA
SOLUTIONS



Partner
Network

Environments as Cattle



PARIVEDA
SOLUTIONS



Partner
Network

No More “IT Lever Pullers”



PARIVEDA
SOLUTIONS



Partner
Network

Faster Time-to-Market



PARIVEDA
SOLUTIONS



Partner
Network

Slightly Bolder Predictions



PARIVEDA
SOLUTIONS



Partner
Network

Invalidate the Mythical Man Month



PARIVEDA
SOLUTIONS



Partner
Network

IT Governance, Security & Ops as a constant cost...

...all while your IT
ecosystems becomes
more diverse



Customer-centric IT purchase model? Table-stakes

Decline of the IT PMO



PARIVEDA
SOLUTIONS



Partner
Network

Software & Services
Assemble themselves
(serverless + usage data
+ ML)

Level pullers transform into experimenters



PARIVEDA
SOLUTIONS



Partner
Network



**PARIVEDA
SOLUTIONS**



amazon
web services
Partner Network

A large, high-resolution photograph of actor Dwayne "The Rock" Johnson. He is shirtless, showing off his muscular physique and extensive tattoo work on his left shoulder and chest. He has a serious, intense expression and is looking directly at the camera. The background is plain white.

Challenges

Where it's already started



NORDSTROM

Coca-Cola



StanleyBlack&Decker



MAJOR LEAGUE BASEBALL

The Seattle Times



PARIVEDA
SOLUTIONS



Partner
Network

GameStop®

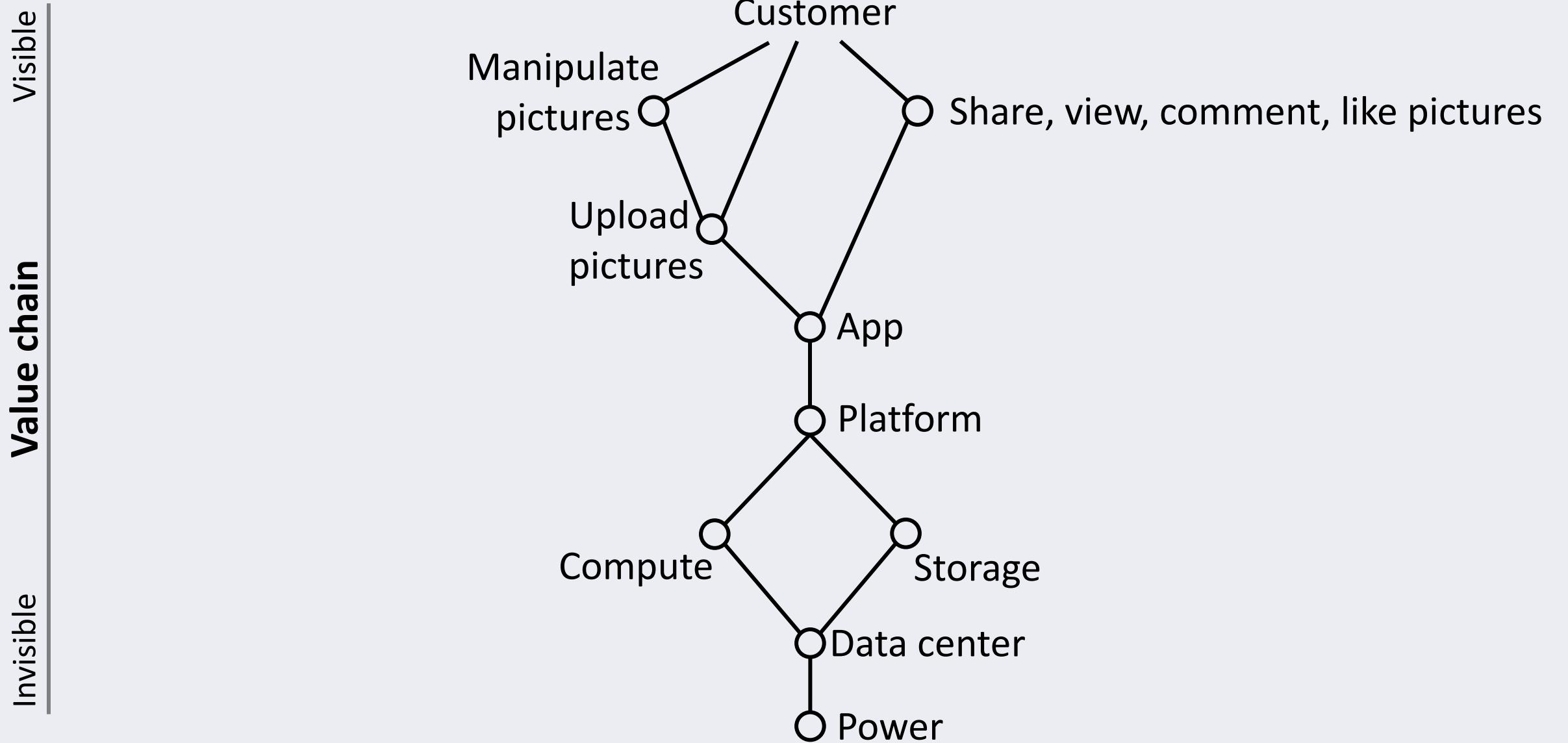
POWER TO THE PLAYERS®

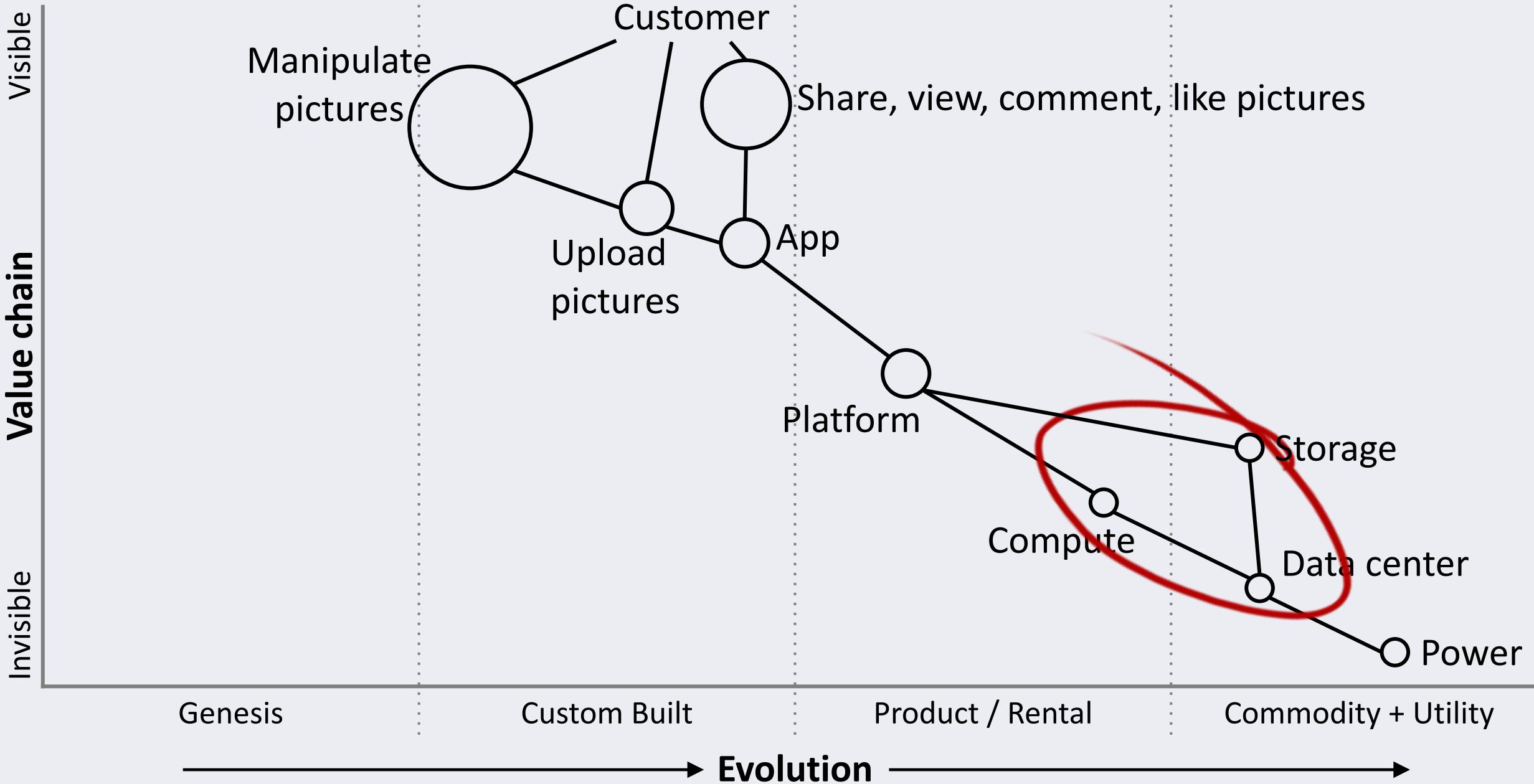


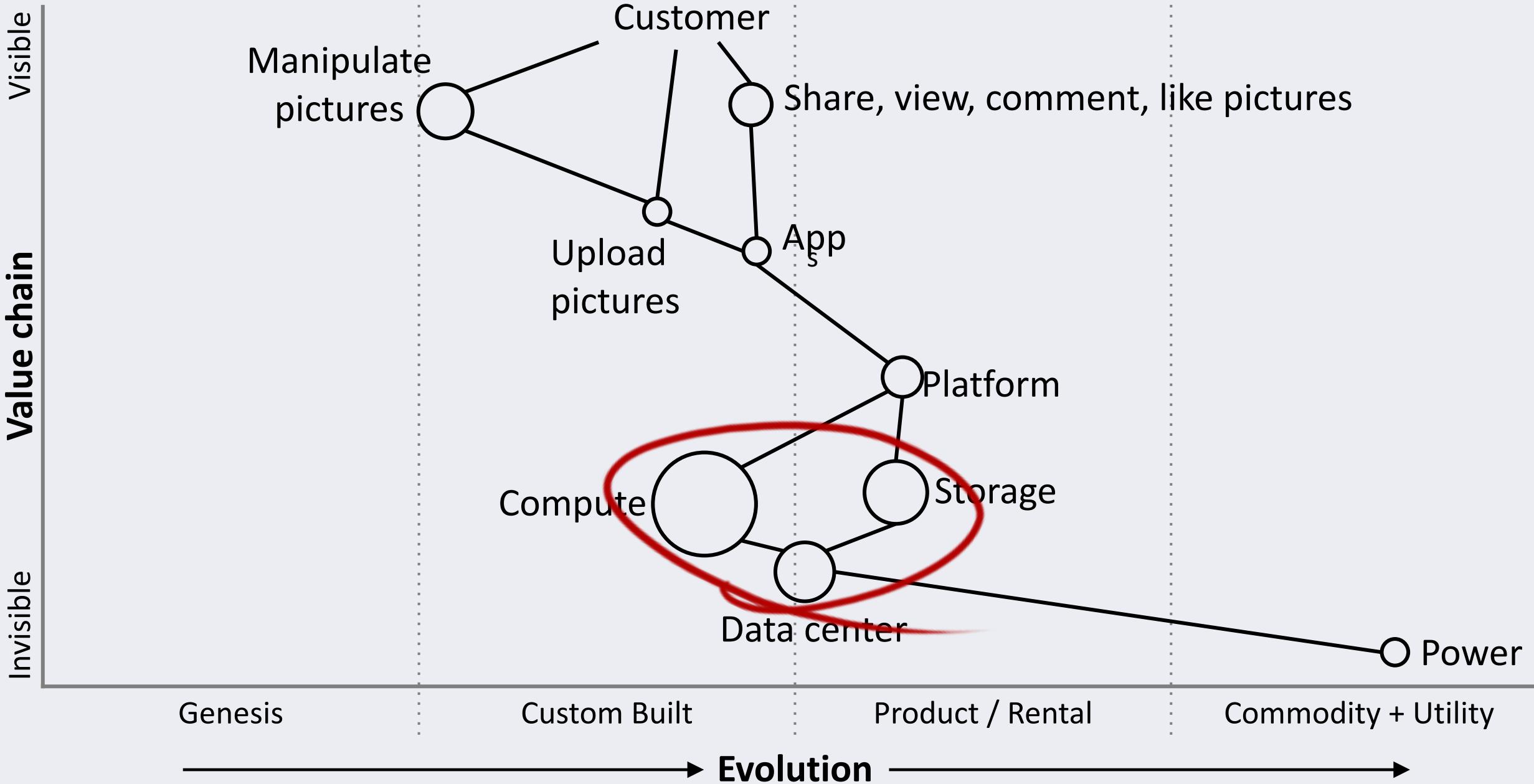
PARIVEDA
SOLUTIONS



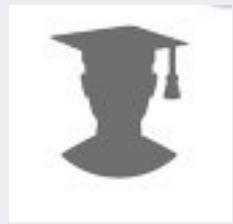
Partner
Network







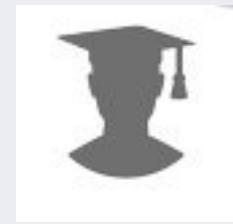
What does it mean for my people?



Solutions Architect
(Bit blueprint creator)



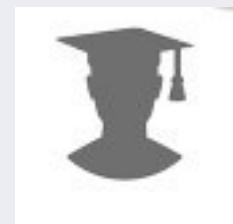
Data Architect
(Stores bits, manages access)



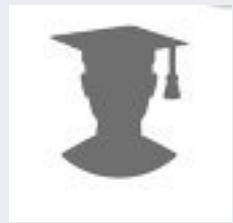
Developer
(Describes how to move bits)



Team Lead
(Keeps bit machine well-oiled)



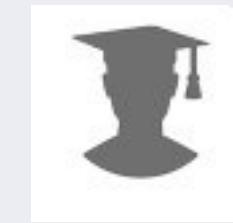
Product owner
(Talks to customer, attempts to talk to bit-team)



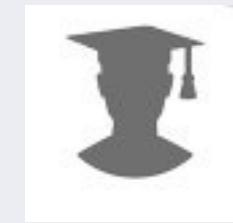
Release Engineer
(Moves bits)



Ops Engineer
(Watches bits)



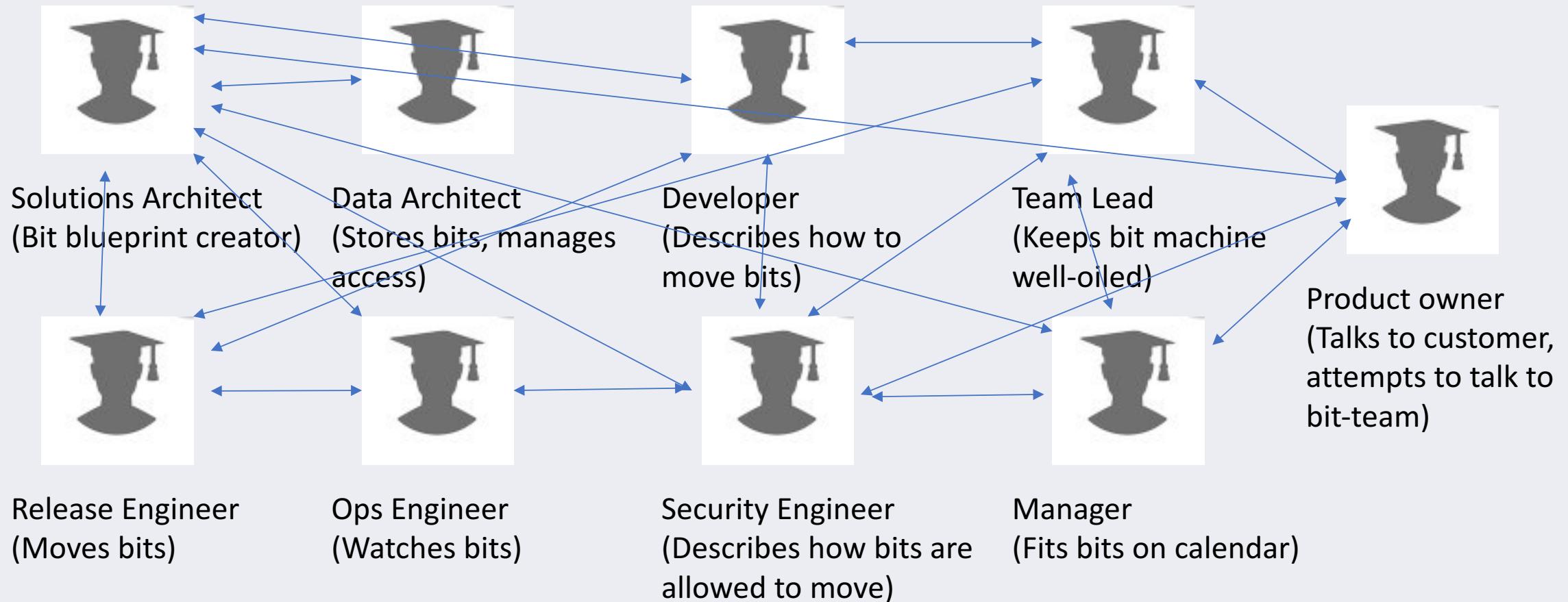
Security Engineer
(Describes how bits are allowed to move)



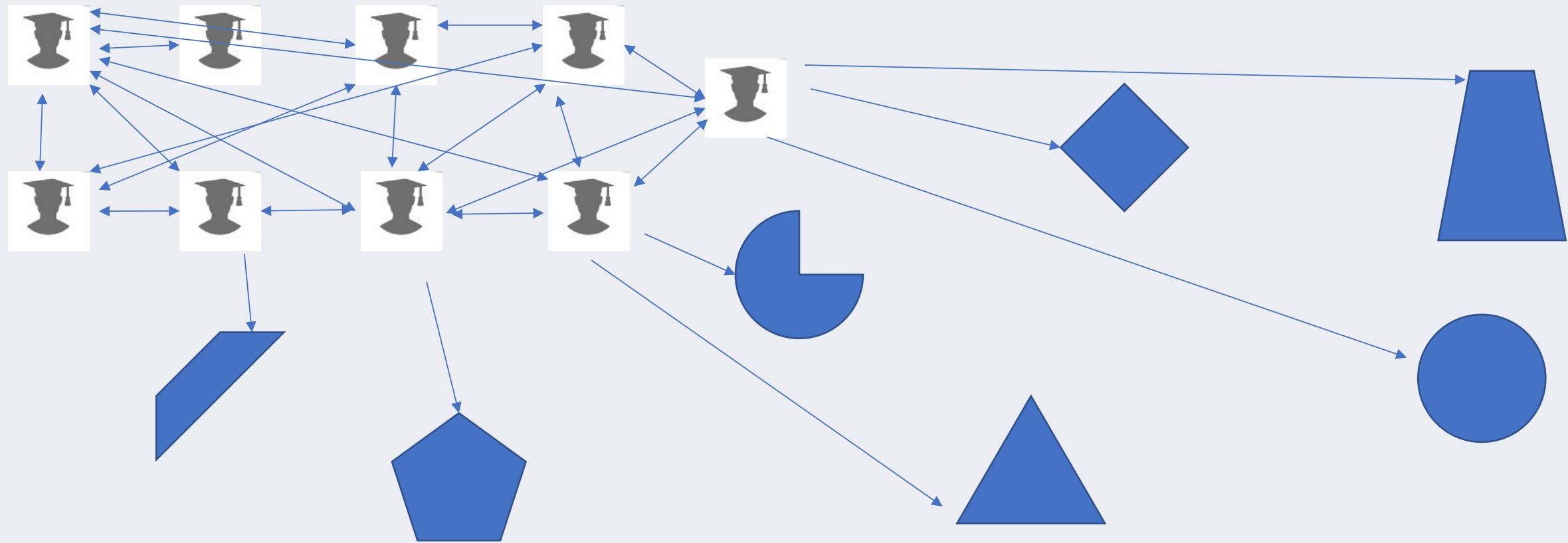
Manager
(Fits bits on calendar)



And how they communicate?

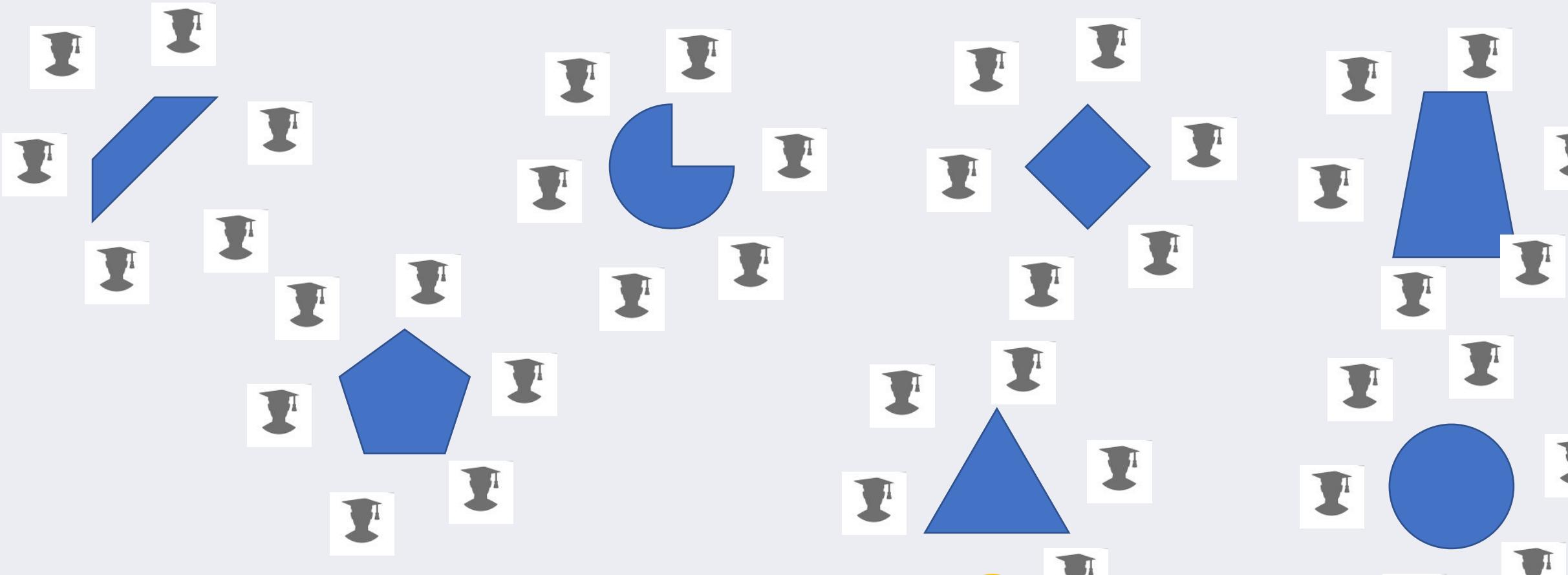


And what products do they support?



Is this customer-centric?

Product Teams



More customer-centric, means ☺'er customers



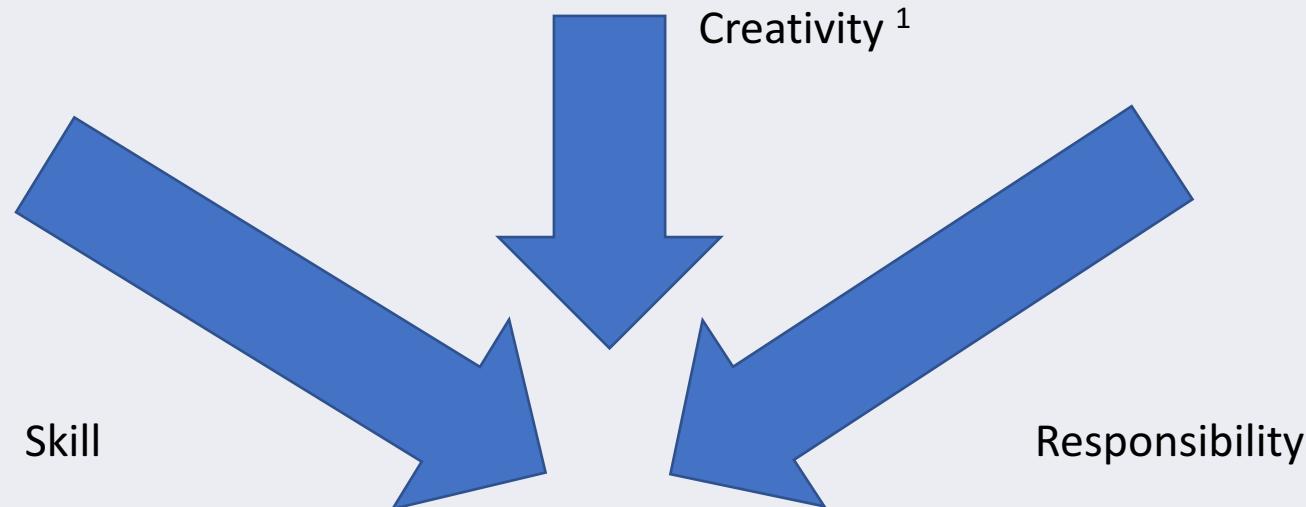
PARIVEDA
SOLUTIONS



Partner
Network

Don't fire your way to innovation

- Instead, seek to merge skill with responsibility
- Your people, instead of being glorified bit managers, can do what they are good at – injecting creativity



¹ what people are still better at than computers, for the time being



But what about governance?

- “We standardized on Java!”
- “We only run [insert OS here]!”
- “We only use [insert framework here]!”
- The above are the result of trying to solve the Principal-agent problem: “the agent knows some things that the principal does not, and it is too costly for the principal to monitor every action that the agent takes” (“Misbehaving: The Making of Behavioral Economics.”)
- So instead of monitoring every action, the principal (IT Governance) reduces the jurisdiction(?), and thus cost, to govern.



The dark underbelly of limiting choice

- By being prescriptive about standards, you've succeeded in reducing the governance cost
- (Applause!)
- But you've prohibitively raised the cost of experimentation.
- Your talented high-dollar developers can only use the hammer you've provided.
- (Insert Hammer/Nail)
- Don't be surprised if your talent leaves
- Or worse, your talent only starts to see nails.



So you are proposing the wild west, except with modern weapons?

- No.
- With evolutionary architectures, strict data access policies, serverless technologies, and infrastructure-as-code, you can simultaneously allow variation and have cheaper, more reliable IT governance than you ever imagined possible.
- The tools aren't here yet, but they're coming quick.



Adoption Paths

- Build vs Buy equation begins to change
 - If you have to customize *anything*, you may want to build
- Come back to activation energy
 - Experiment with internal tools
 - Greenfield “Shining City on the Hill” model
 - Skunkworks
 - Others?

