

Easy Button Security

A Coming of Agile Story

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If you know the enemy and know yourself,
you need not fear the result of a hundred battles.

If you know yourself but not the enemy,
for every victory gained you will also suffer a defeat.

If you know neither the enemy nor yourself,
you will succumb in every battle.

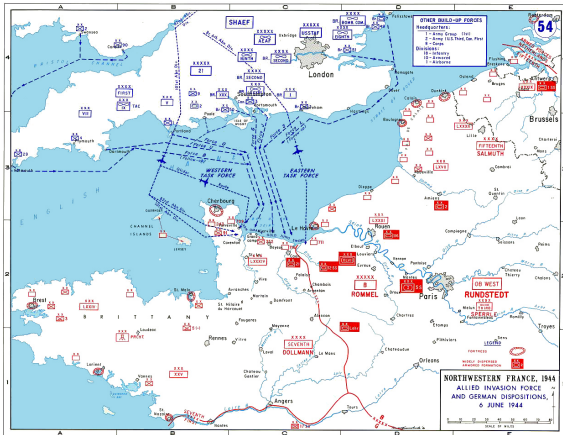
— Sun Tzu, *The Art of War*, 3.18*

Adversaries evolve. So must we.

World War I



VS.



World War II

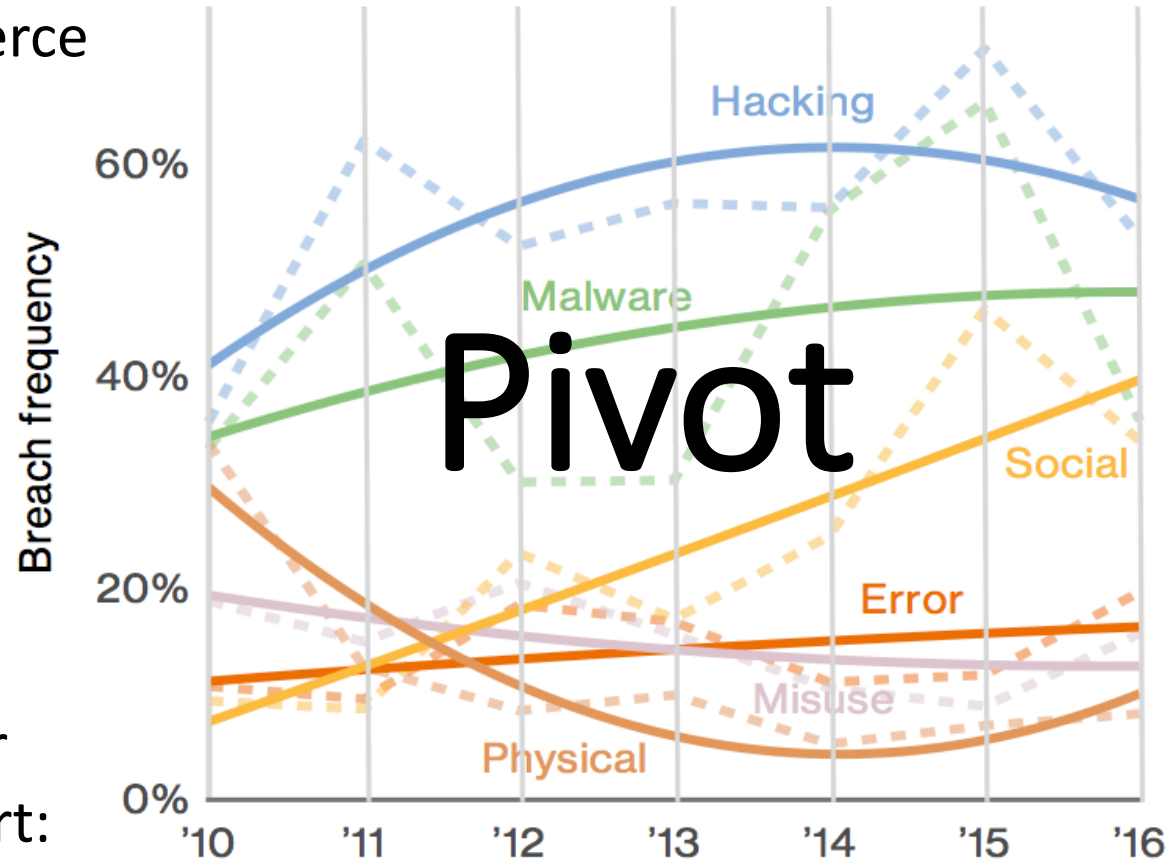


Vietnam



War on Terror

Chip-n-PIN (EMV)
→ attack eCommerce



signature-based anti-virus
→ randomize the code to
get malware through

exfil getting harder
→ encrypt and extort:
WannaCry

applications whitelisted
→ poison the supply
chain: NotPetya

Agile = Great at Changing

Our Evolutionary Disadvantage: *We're Slow...*



“If only they had engaged us earlier...
like in the design phase...”

*If you know neither the enemy nor yourself,
you will succumb in every battle.*

VS.

The Cult of Done Manifesto

There are three states of being.

Not knowing, action and completion

Accept that everything is a draft. It helps to get it done

There is no editing stage

Pretending you know what you're doing is almost the same as knowing what you are doing, so just accept that you know what you're doing even if you don't and do it

Banish procrastination

if you wait more than a week to get an idea done, abandon it

The point of being done is not to finish but to get other things done

Once you're done you can throw it away

Laugh at perfection. It's boring

and keeps you from being done

People without dirty hands are wrong

Doing something makes you right

Failure counts as done. So do mistakes

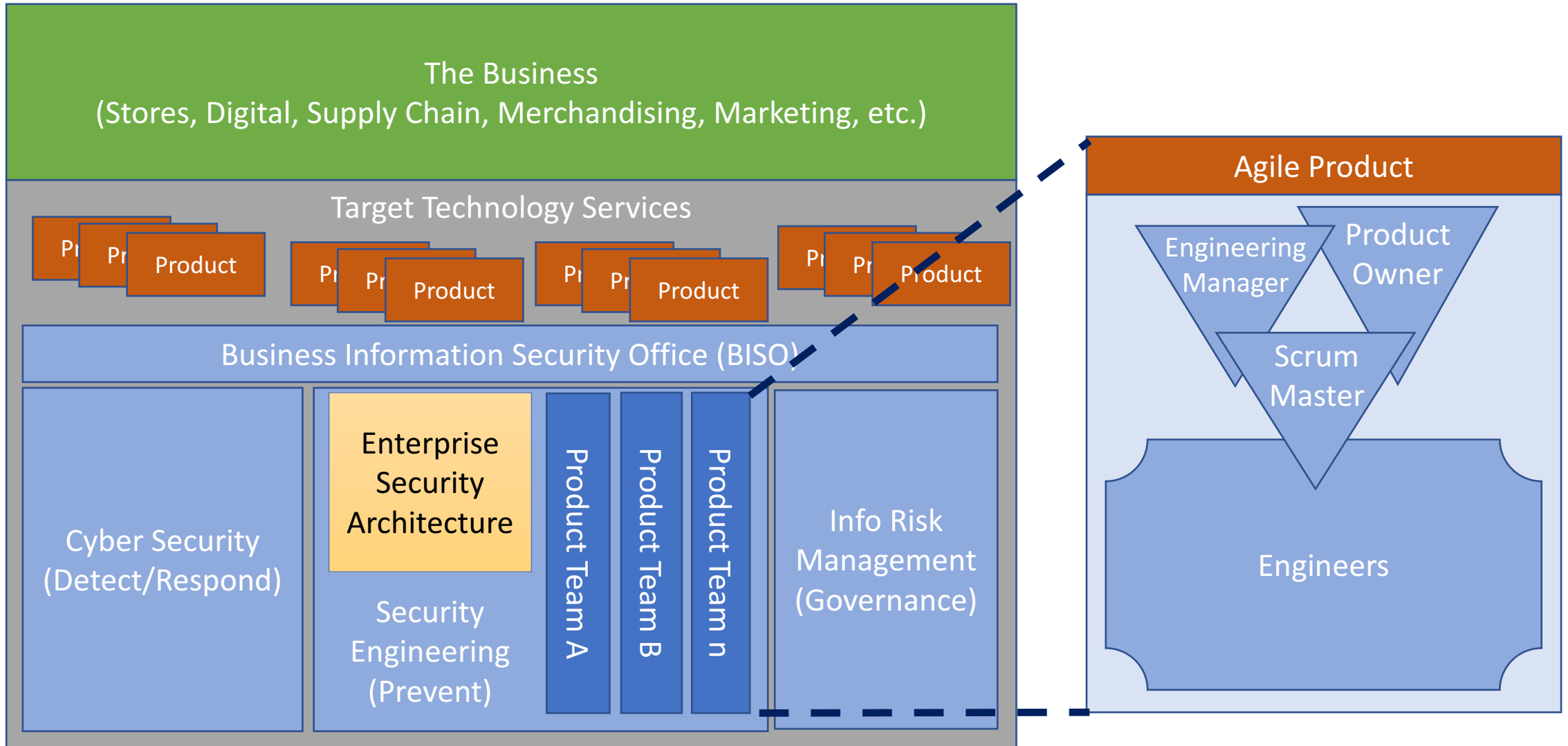
Destruction is a variant of done

If you have an idea and publish it on the internet, that counts as a ghost of done

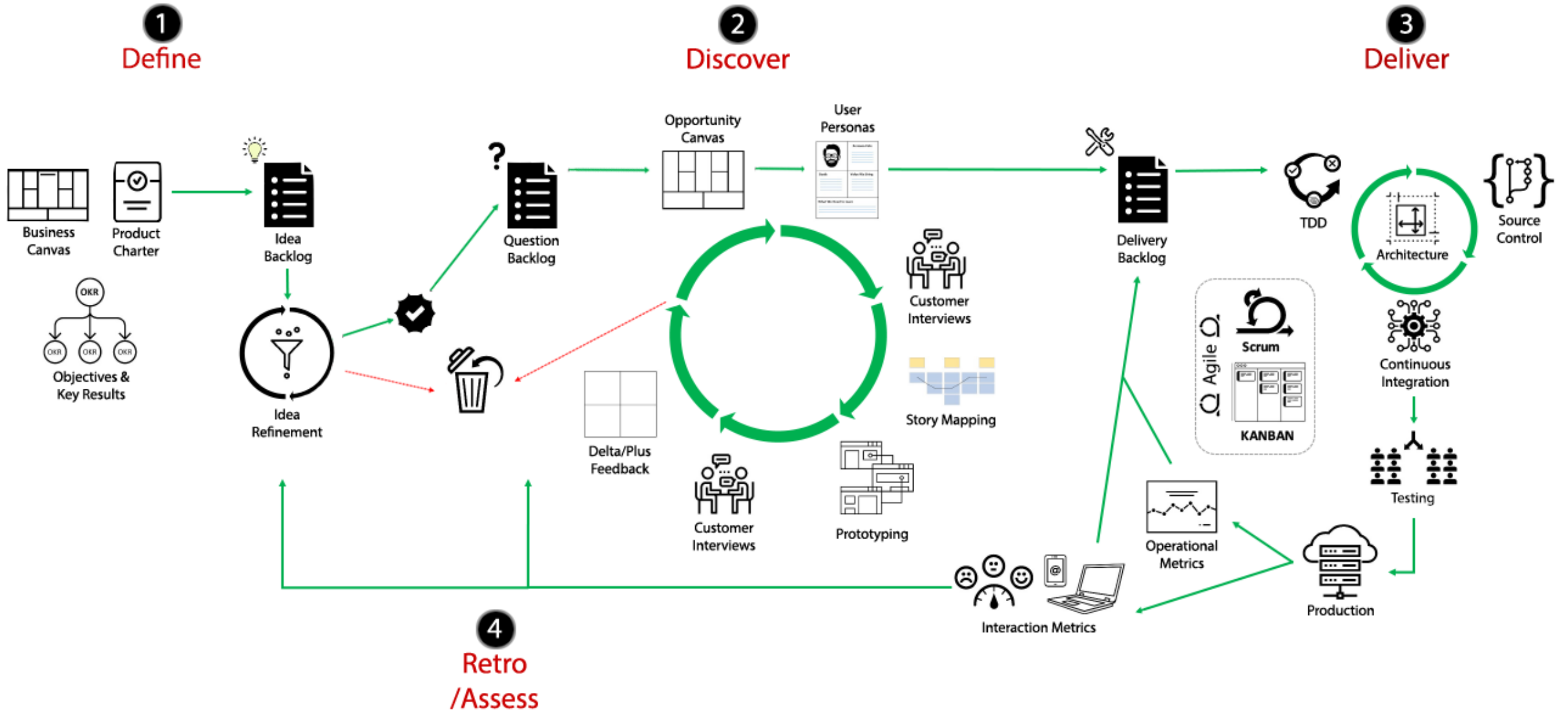
Done is the engine

of more

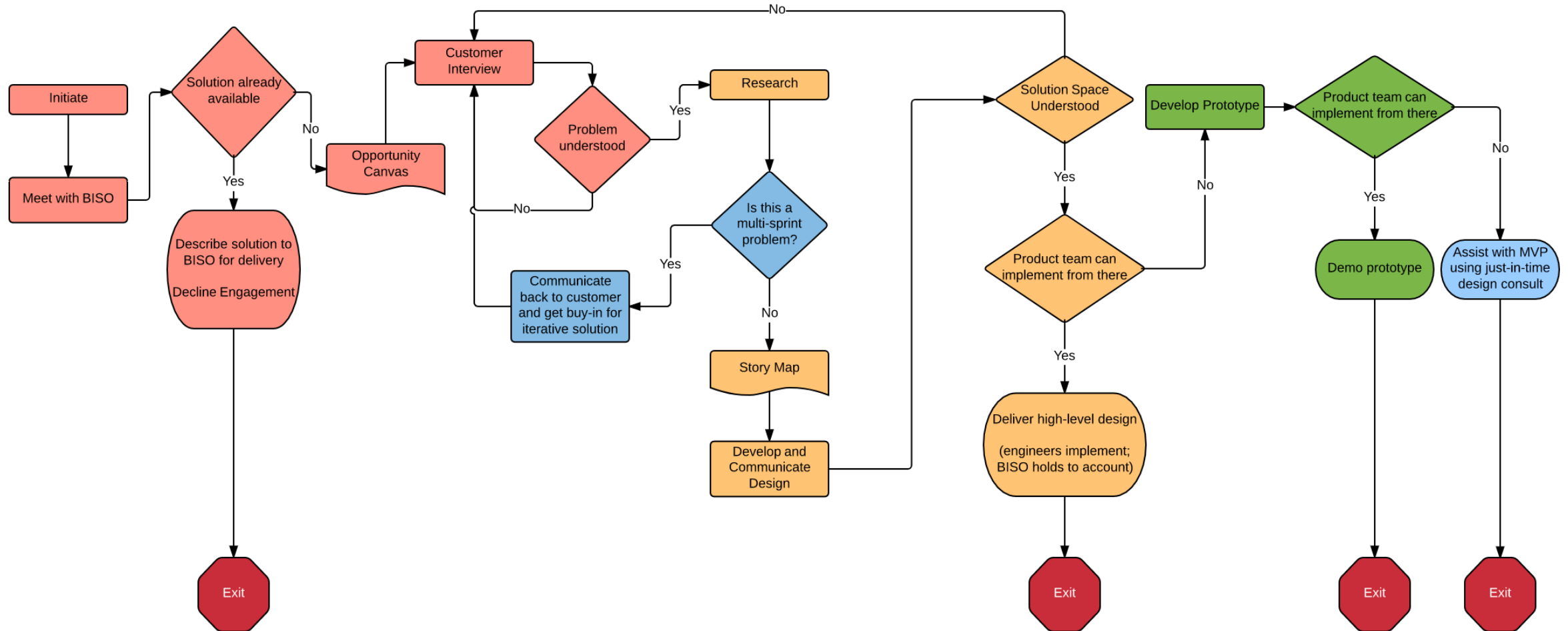
From “Project” to “Product”



Product Discovery Intensive



The “It’s Not Rocket Surgery” Surgeons’ Guide to Rockets™



The Dojo Throwdown



dojo.target.com

Outcomes

Project “Capstone”

3 architects, 5 weeks...

“If you had spent 3 or 4 months on this, that would have been fast.”

SDN Segmentation

2 architects, 6 weeks...

Prepping to pilot first customer

Blockchain Authorization

2 architects, 4 weeks...

Finalist for “Best Of” during internal hackathon

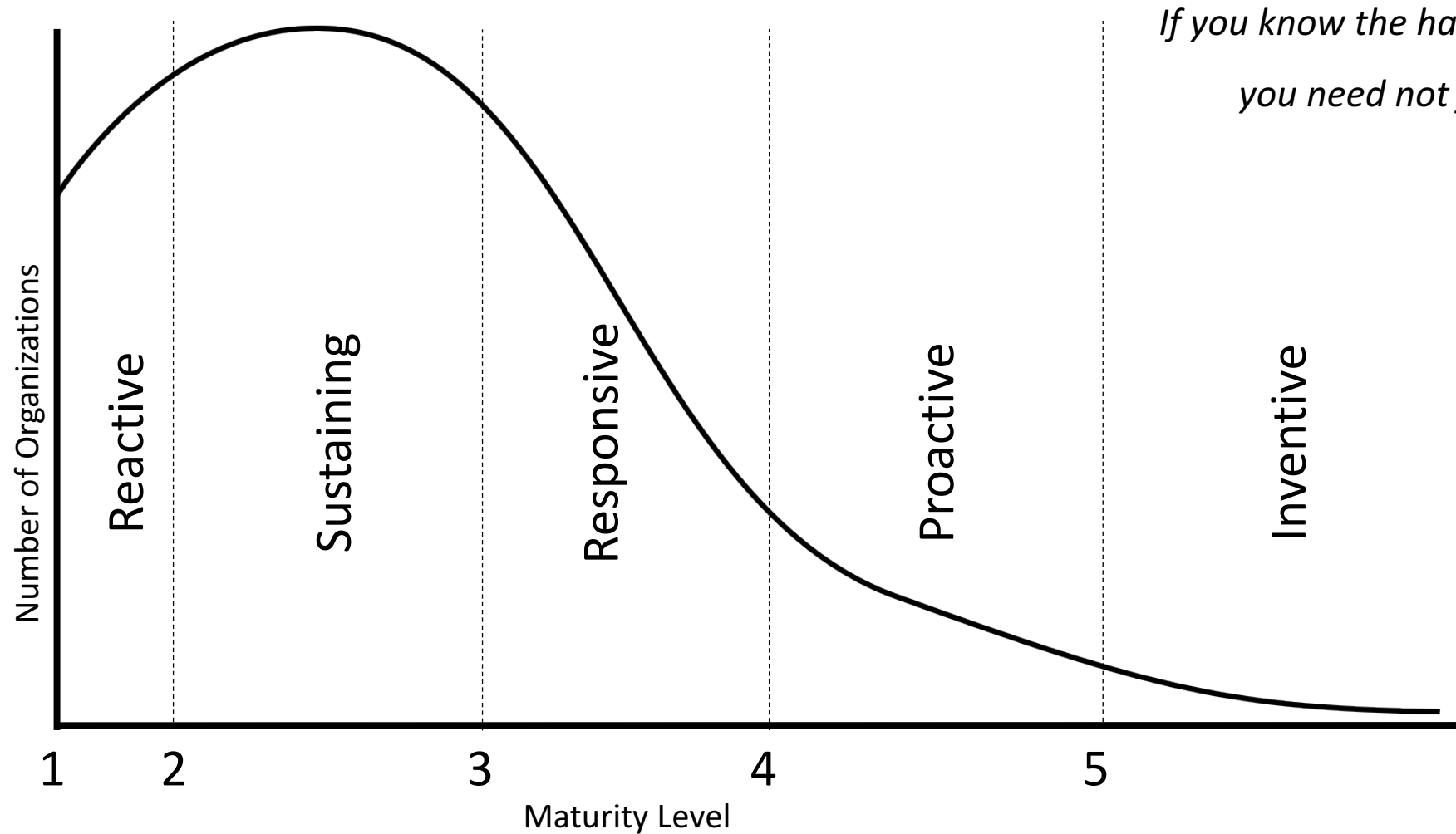
Great for you!... *That's not architecture.*

Describing a forest from
a small grove of trees

Less Talk, More Show

Architects as
Product Owners

What's Next?... Maturity



*If you know the hacker and you know yourself
you need not fear...*

Thank you!

(for allowing me to
“go Plato”)