



our container journey

@beshippable

shippable.com

our container journey

“containers
sound
interesting”



“containers can
save us money
on hosting”



“containers can
make us way
more efficient”

company

founded in 2013

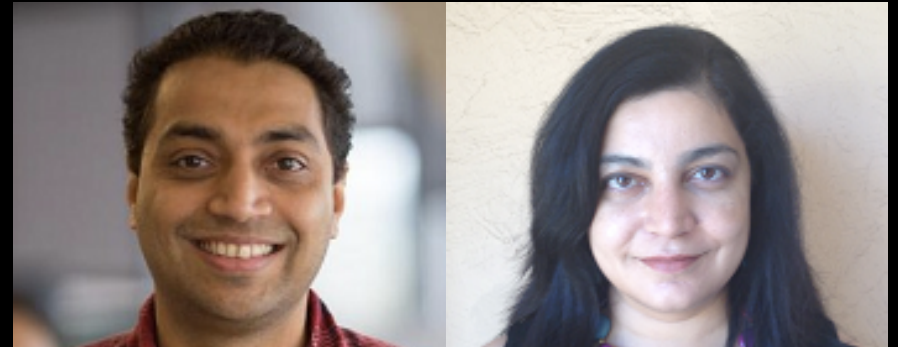
avi cavale &
manisha sahasrabudhe

people

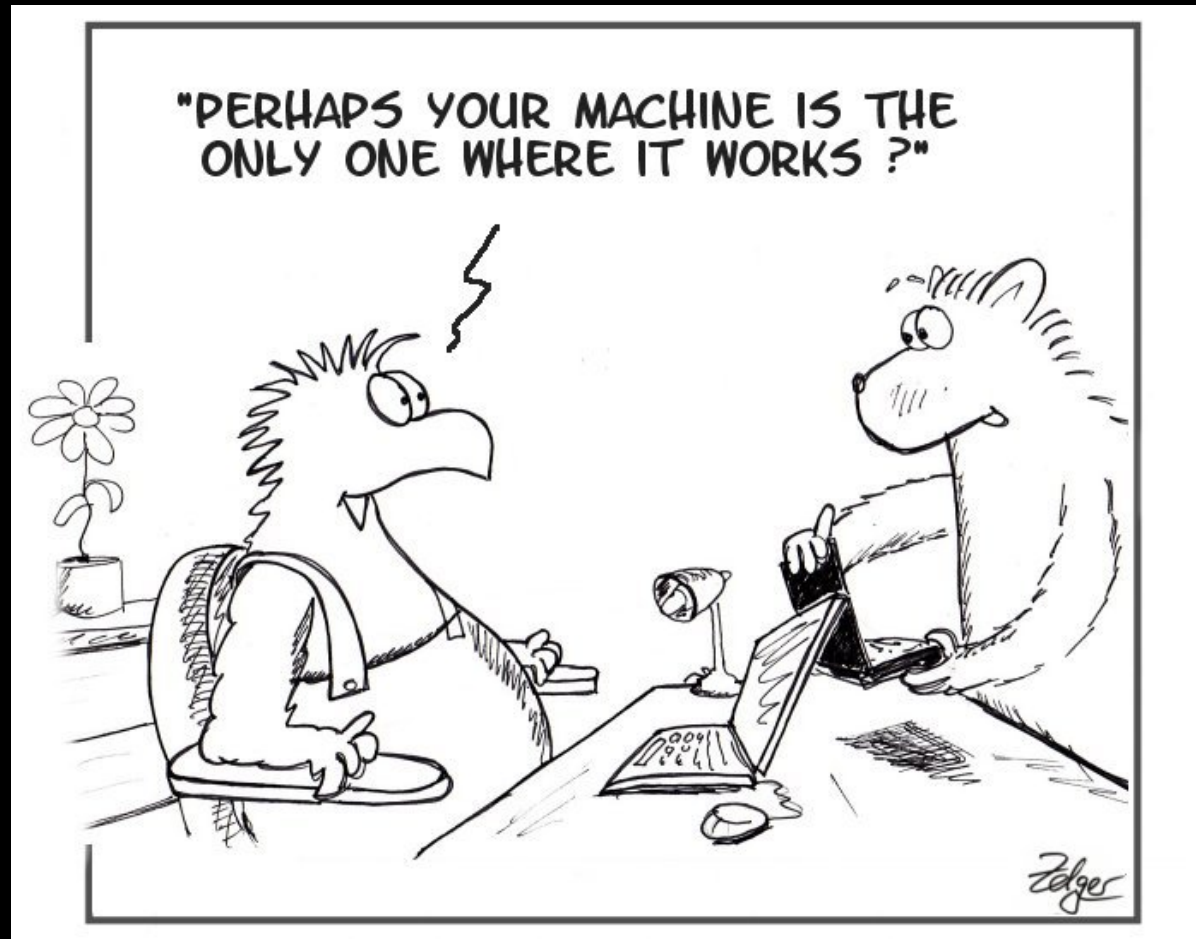
17 Seattle & Bangalore

funding

\$10M



it works on my machine



a simple problem

how long does it take to make
a small change to an app?

becomes
a complex problem

how long does it take to make
a small change to an app
and get it to the customer?

that creates an
exponential problem

how difficult does it become as you add
more developers, more components, more environments?

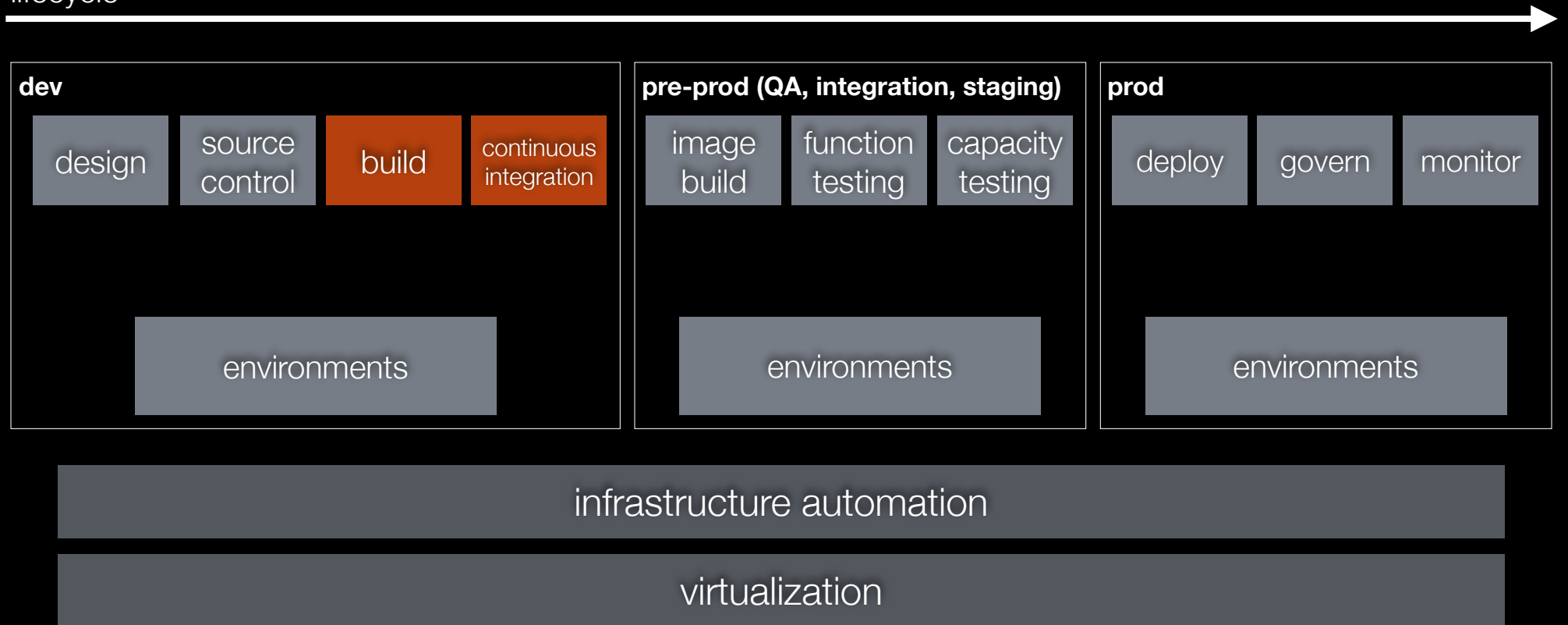
we founded Shippable

to make the complex problem
of building, testing & deploying
software

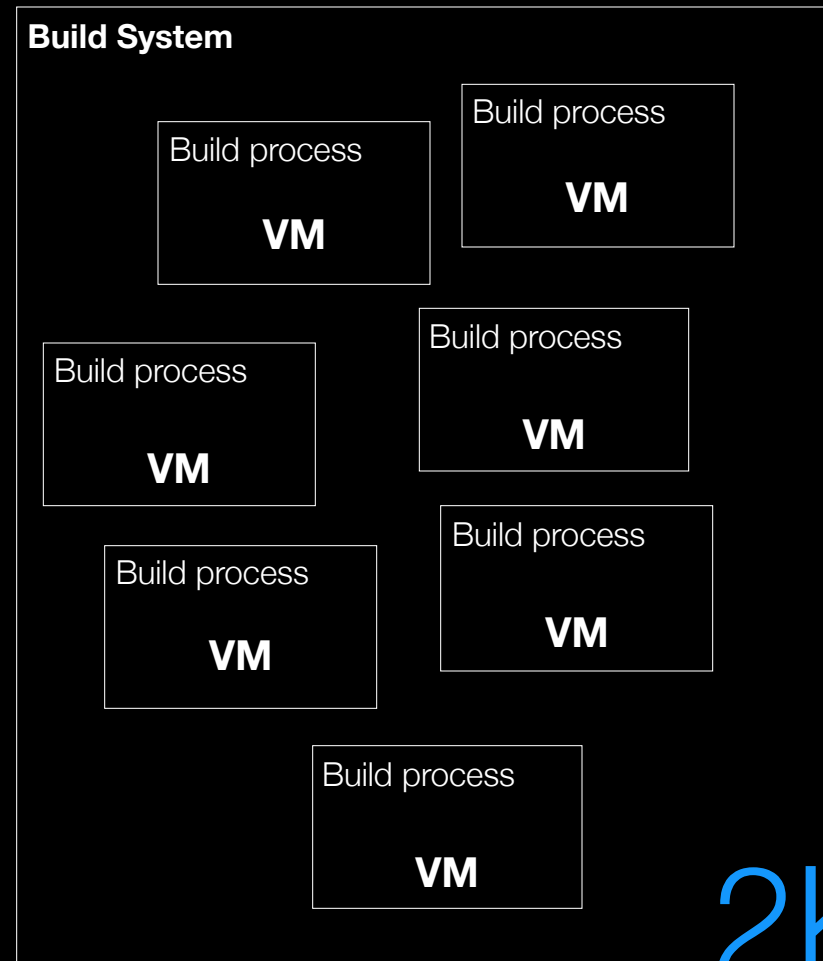
frictionless

Shippable v1.0

lifecycle



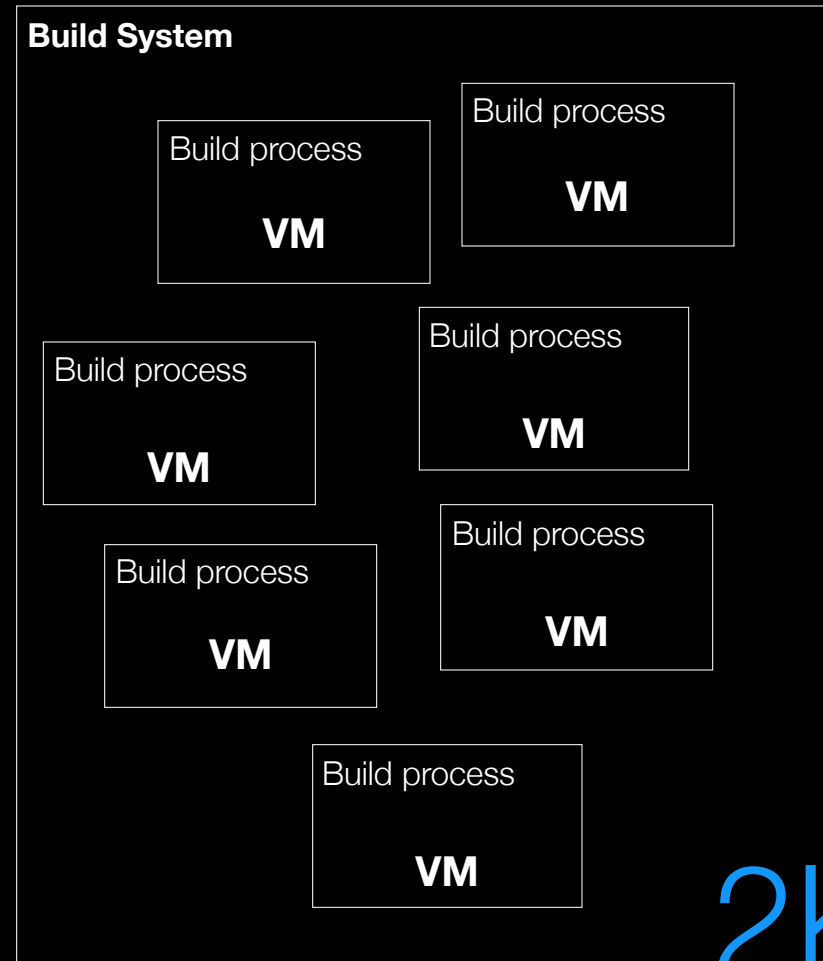
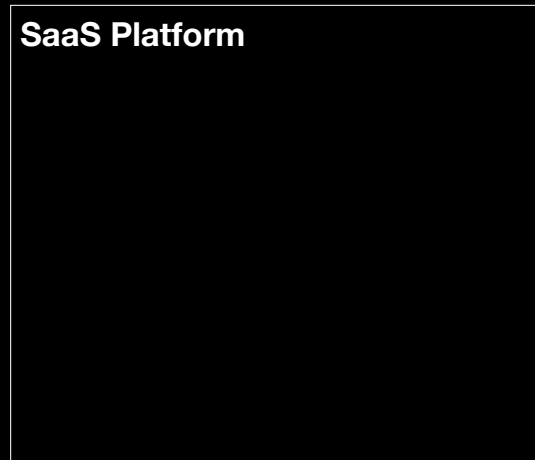
Shippable v1.0



- useful
- flexible
- functional

2K
per week

but, there were problems



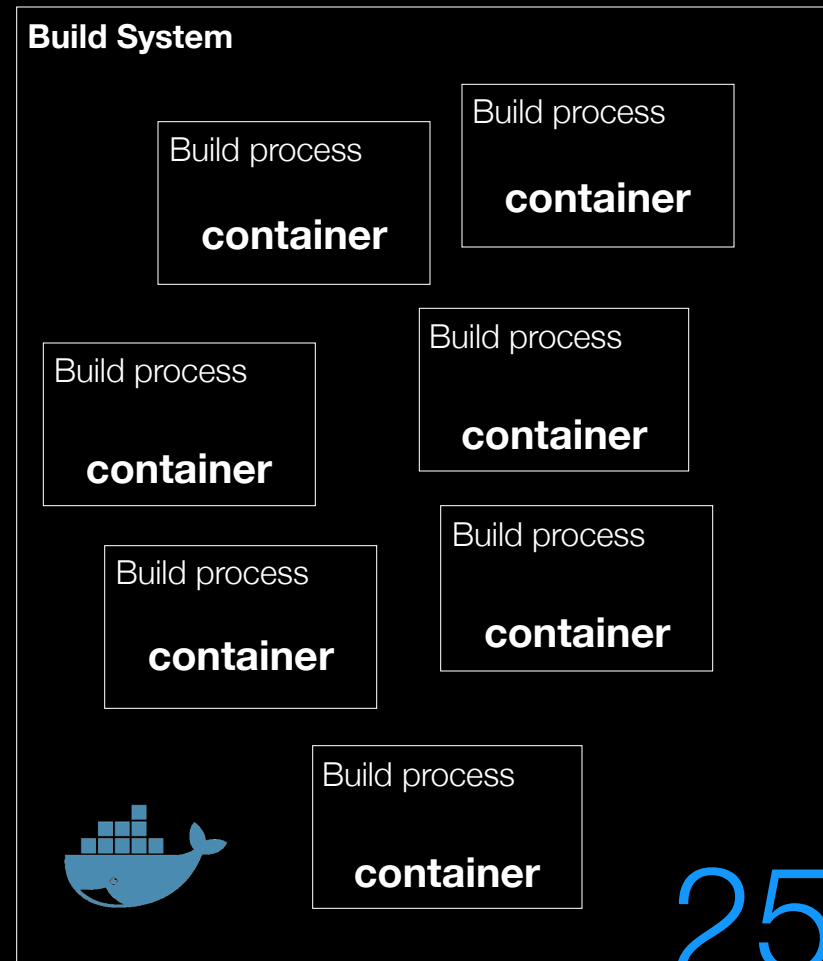
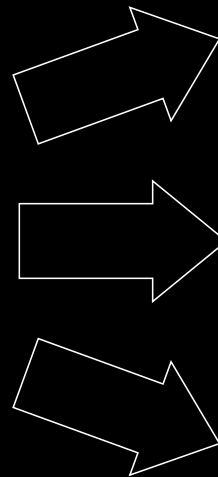
- slow
- expensive
- monolithic

2K
per week

we needed significant improvement,
not incremental gains

...containers sounded interesting

Shippable v2.0



- fast
- 70% savings
- monolithic

25K
per week

Docker solved a huge problem for us



“containers
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...but we were slowing down

the most frequently asked question
during an outage

what changed?

the immediate next question is....

who made the change?

both questions are bad for your business



slowing down



finger pointing

change is the root cause of almost all
outages, but...

“business requires change”

but, we started slowing down change

(and yes, we got the irony)

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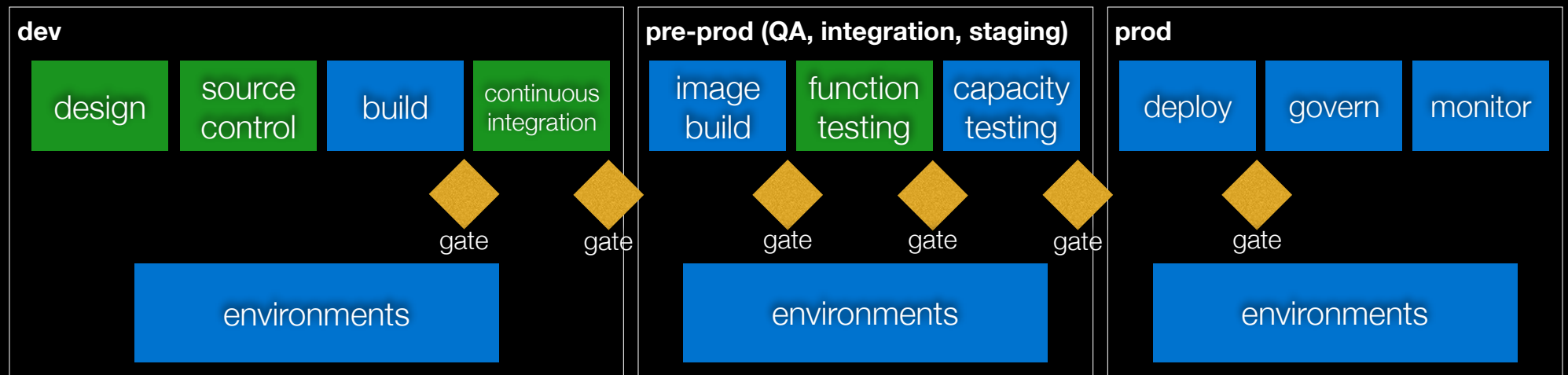
the next big move

speed up delivery,
reduce risk

and, luckily, containers made it possible

our software engineering

lifecycle



infrastructure automation

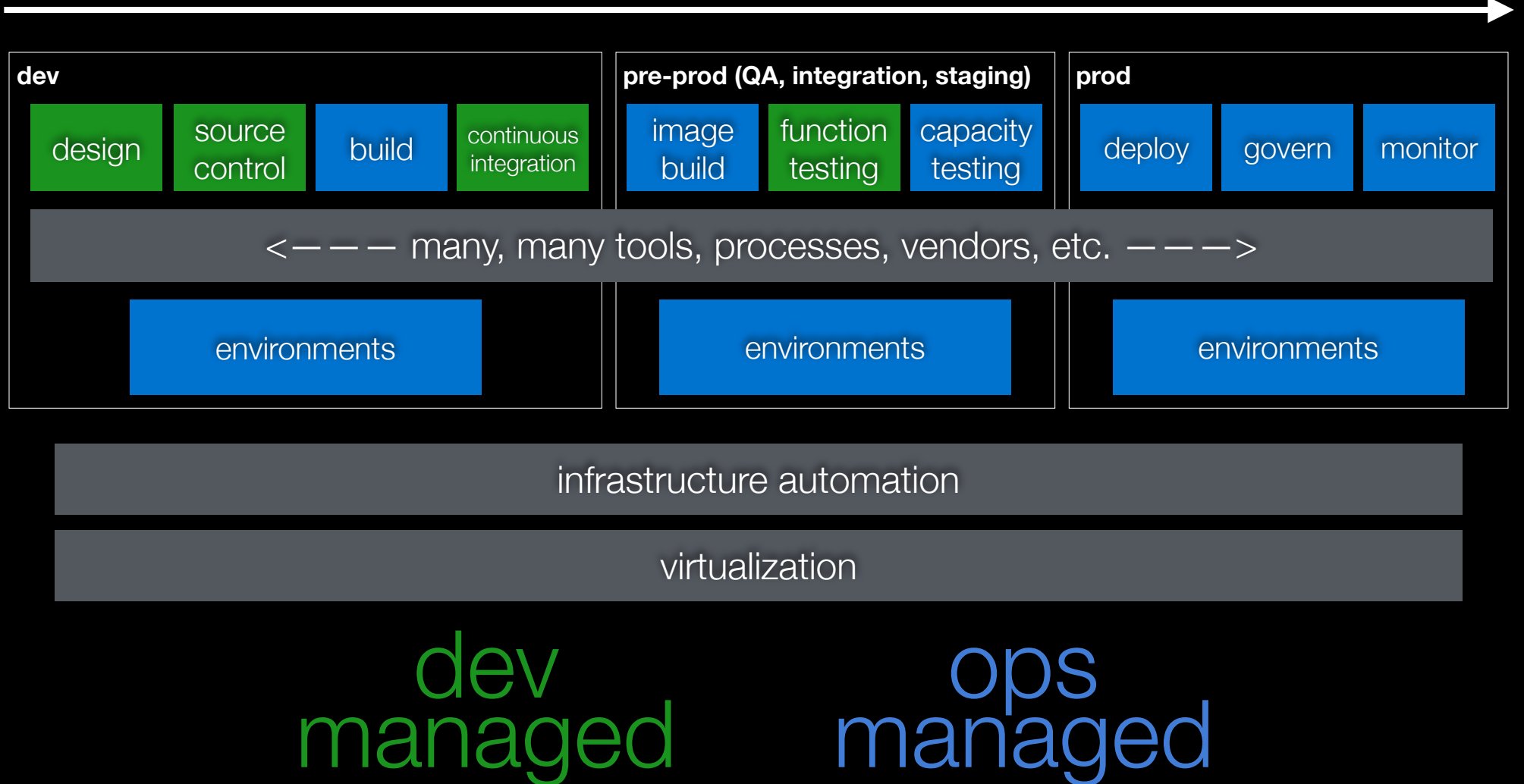
virtualization

dev
managed

ops
managed

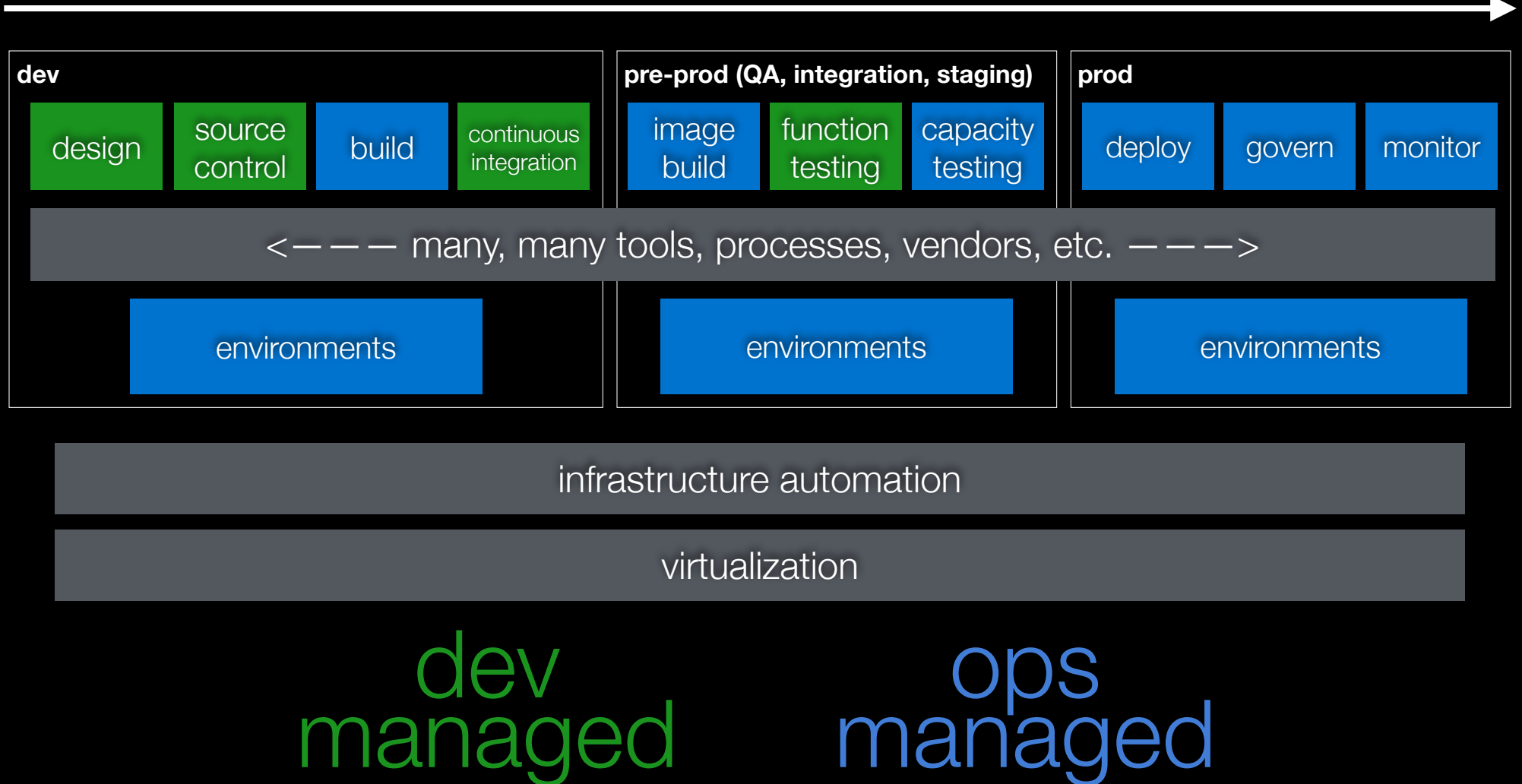
our software engineering

lifecycle



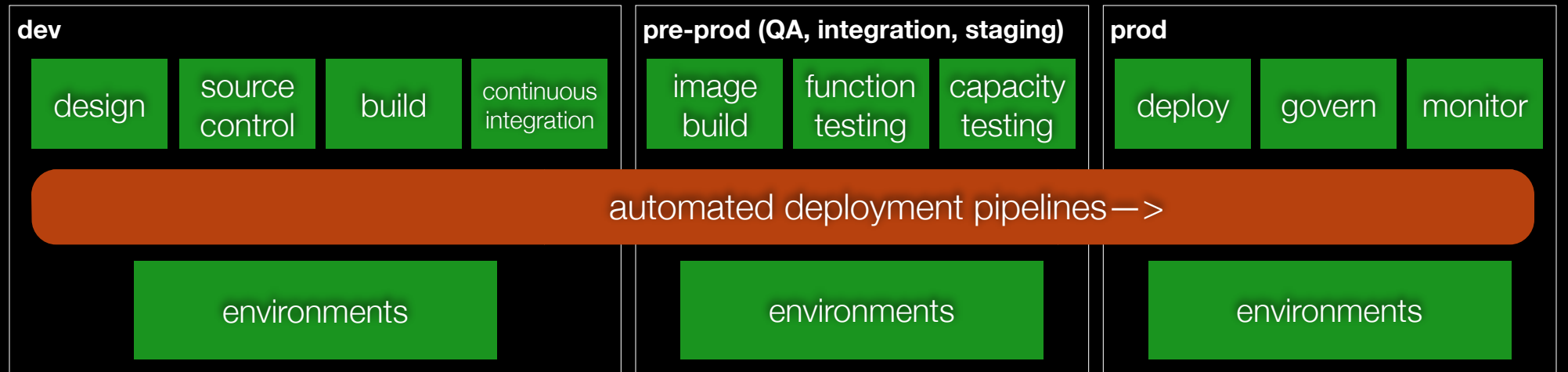
end-to-end flow needed

lifecycle



portability enabled E2E flow

lifecycle



infrastructure automation

virtualization

devOps
managed

some stats

with 15 devs, we deploy 20-60x/day

we spin up/spin down 40K+ containers/day

0 people with SSH access

evolve fast...

others have already started...

The Google logo, featuring the word "Google" in its characteristic multi-colored font.The Cisco logo, consisting of a stylized bridge icon above the word "CISCO" in a sans-serif font.The SAP logo, featuring the letters "SAP" in white on a blue, slanted rectangular background.The peopleperhour logo, which includes an orange circle with two white dots representing eyes, followed by the text "peopleperhour" in a lowercase sans-serif font.The engageSPARK logo, with "engage" in blue and "SPARK" in orange, followed by the tagline "SMS & Voice. Quick, Simple, Global." in a smaller font.The PUSHSPRING logo, featuring a blue circle with "PS" inside, followed by the text "PUSHSPRING" and the tagline "Audience data for a mobile world" below it.The StackEngine logo, with "Stack" in green and "Engine" in blue.

try it

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vp, business development

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continuous app delivery pipelines

thank you!

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