SUSE
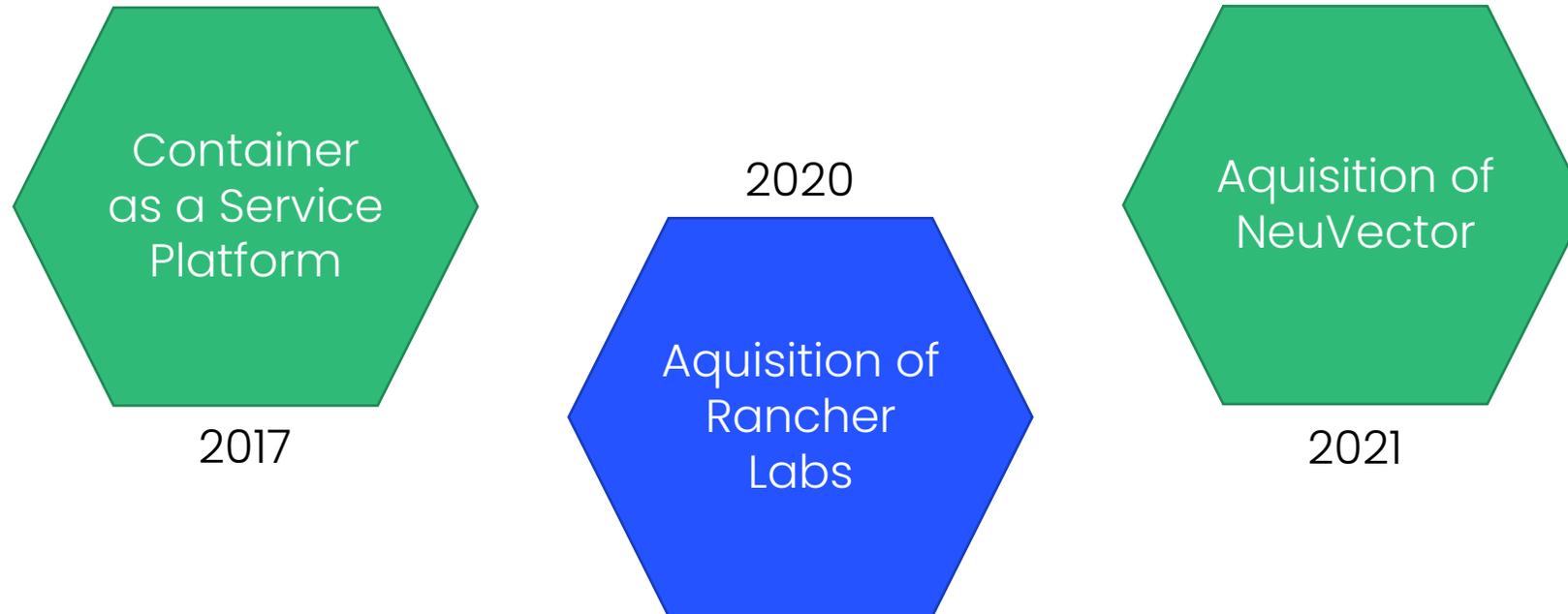
NeuVector to OpenZeroTrust
An Open Sourcing Story

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The SUSE Container Journey

A brief timeline on milestones

Container as a Service Platform

2017

2020

Aquisition of Rancher Labs

Aquisition of NeuVector

2021

From Container Platform to Enterprise Container Management

Full Lifecycle Container Security

Pipeline to Production

Build	Test	Staging	Production

Vulnerability & Compliance Management

Build Scanning

Registry Scanning

CIS Benchmarks & Custom Adults

Compliance PCI, GDPR, NIST

Run-Time Scan Container, Host, Platform

Run Time Protection

Security Policy as Code

Security Automation Behavioural Learning

Admission Controls

Container Firewall Layer 7 with DPI/DLP

Workload Security Process & File System Blocking

Alert & Forensics

How NeuVector & SUSE came together

1 **NeuVector: Startup (and SUSE partner)**

— "Traditional way of building an enterprise grade security product"

— Closed source + Patents

2 **Observation of Open Source as Big Driving Force**

— For cloud-native environments

— Built cloud-natively

3 **Aquisition**

To
Open Source
Or not to Open Source
That is The Question

Yes / ~~No~~ / ~~Maybe~~ / ~~Later~~ / ~~Delayed Releases~~ / Partial
Fully / Just Code (no infra) / Open Core / Dual License

Why?

— Validation
   (of idea, implementation, small engineering project,...)

— Contributors

— Users

— Nurturing of Sales Pipeline

— Messaging (PR, Marketing,...)

— Company Policy
   (yes, but...)

Not so Minor Details

— License   **Apache 2**
- Copyleft or less binding?
- Often "decided" by context

— Patents   **Open Invention Network (OIN)**

— Trademarks   **Keep (NeuVector) + New (OZT)**

— Code Availability   **GitHub**
- GitHub, ftp.example.com, Image Registries, …

— "Housing"   **Donation to CNCF**
- Self, new project/umbrella, existing project/umbrella, combination

It's All About Timing

— Announce Intent: as early as possible

— Deliver whatever you can quickly
  - Comb through sources: customer info, licensing, terminology, 3rd party,...

— Show plan/roadmap

— Deliver on plan
  - Complete open sourcing
  - Add some spice

— Depending on The Why
  - Invite users
  - Invite contributors
  - Present at conferences and other events
  - Press, social media,...

Keep The Engine Running

— Upstream ⟷ Downstream/Product relationship

— Flow of bug reports, patches

— Release Management

— "Product Management"

— Handling Contributions

— Accessible Infrastructure

— Other Policies

Summary

Small Cheat Sheet

Yes / No / Later / ...

Why? Why? Why?

Not so minor details: legal, practicalities,...

Share often, share early: communications, code,...

Virtuous Circles (hopefully)

Thank you

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