



Modern organization Cookbook:
A recipe for enabling people, process and technology

RED HAT FORUM UTRECHT
9 OCTOBER 2019

EXPAND YOUR POSSIBILITIES

A short introduction

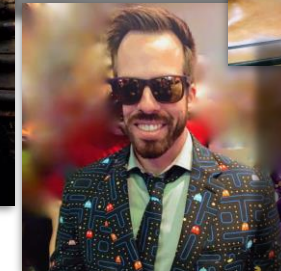
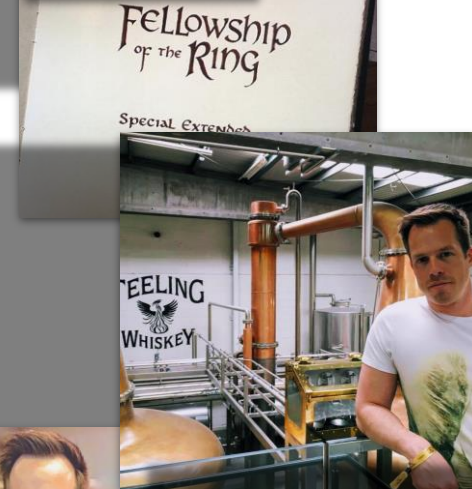
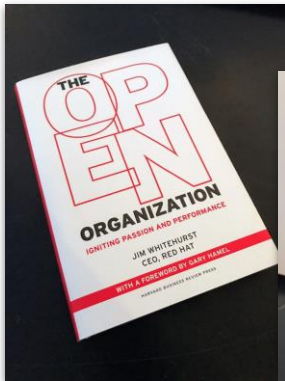
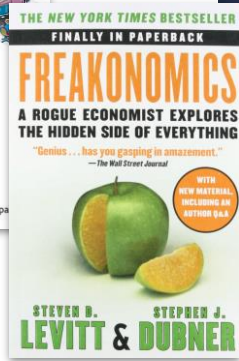


Stefan van Oirschot

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AppDev Specialist | Accelerate Business
Innovation | Business Transformation @
Red Hat // Tech enthusiast // Loves
motorbikes, cars, fitness

📍 Netherlands





Every company is now **also**
a software company

What does
your non-copyable advantage
look like?





“““

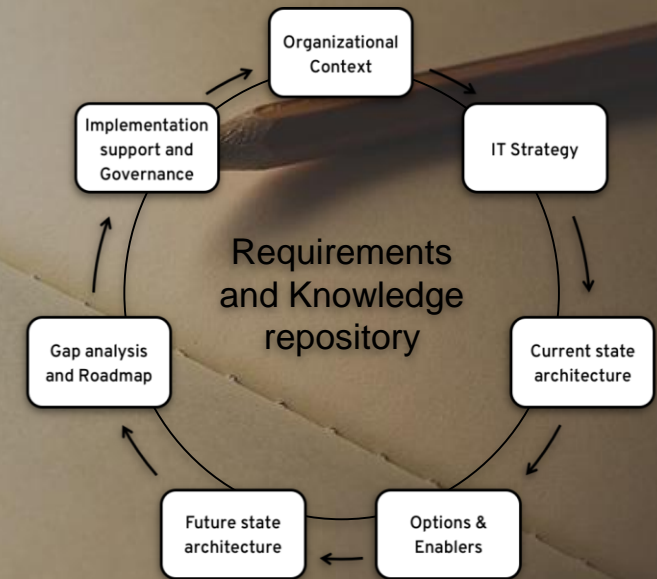
We got the idea to have all these tests we do with hardware on virtual test environments, and that's why we've come to OpenShift and containers.

Michael Denecke
Head of Test Technology
Volkswagen AG

VOLKSWAGEN

Autonomous Vehicle Testing

What does **your** journey look like?



Do you understand your **value stream**?

Visible

Invisible

Novelty

Custom
Product

Common /
Of the
Shelf

Utility

Agile

Lean

Six Sigma

Pioneers

Settlers

Town
Planners

Freedom
Flexibility

Compliance
Standardization

1. Identify the components of the value stream
2. **What is the added value? What to Build and what to Buy?**
3. Should your API-component really be a custom product or can you rely on of the shelve or even utility (SaaS)?
4. How to get from A to B? Move from custom product to utility?



Citizen Developer



Business Developer




IT Developer
Enlightened



IT Deliver
Expert

Enabling users throughout the organization!



Listening ...



“

My toolset & environment are **outdated**



“

I can (hardly) **reach anything**



“

I want to but am **not allowed**



“

Everything is going **SO** slowly

... to what the users
are telling us

A young boy and girl are sitting at a desk in an office-like setting. The boy, on the left, is wearing a dark blue t-shirt and has his arms raised in the air with a wide, excited expression. The girl, on the right, is wearing a green and white striped shirt and is also cheering with her mouth open and one arm pointing towards a laptop. There are two laptops on the desk. The background shows office cubicles and a red exit sign.

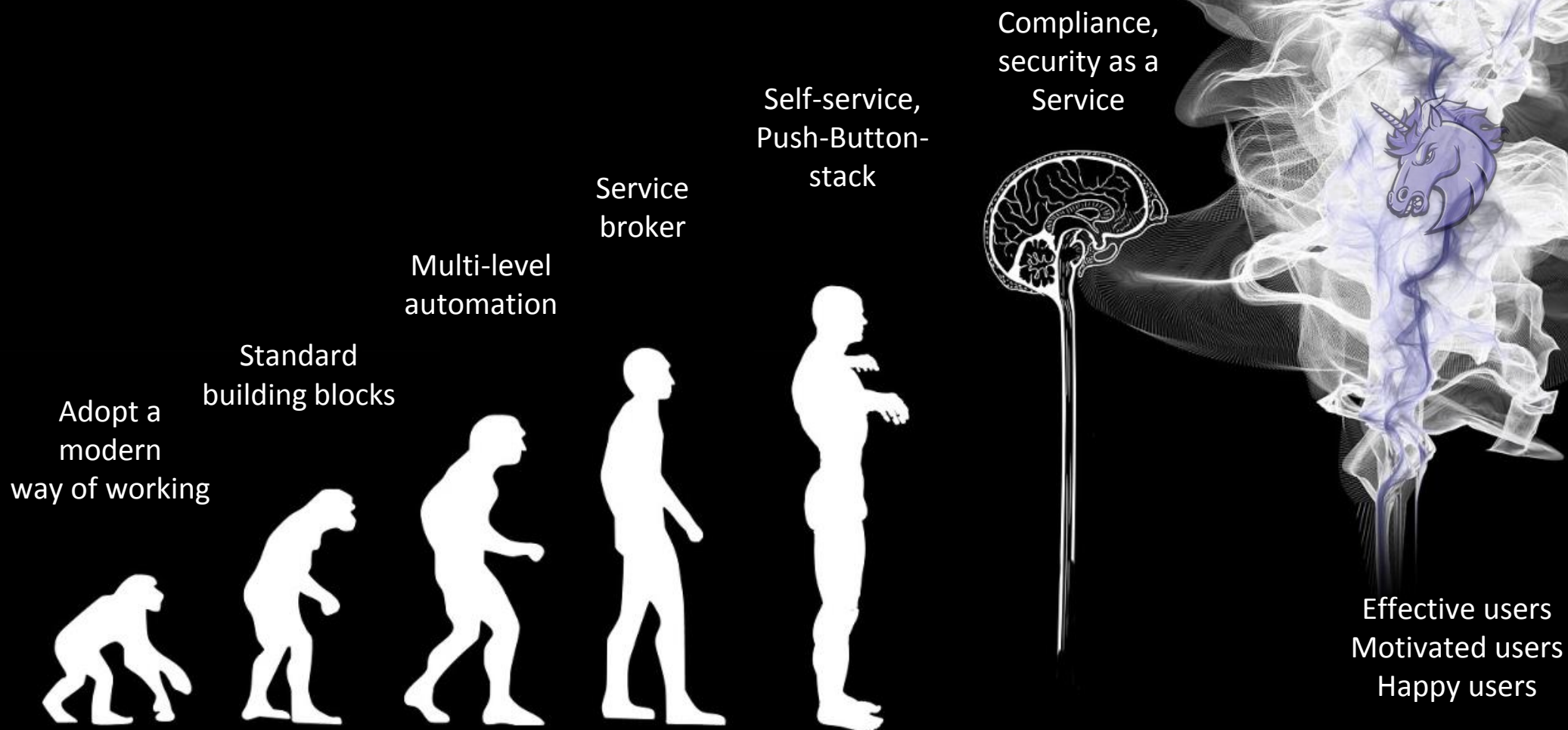
We want to bring our users together and give them the technology that accelerates their success!



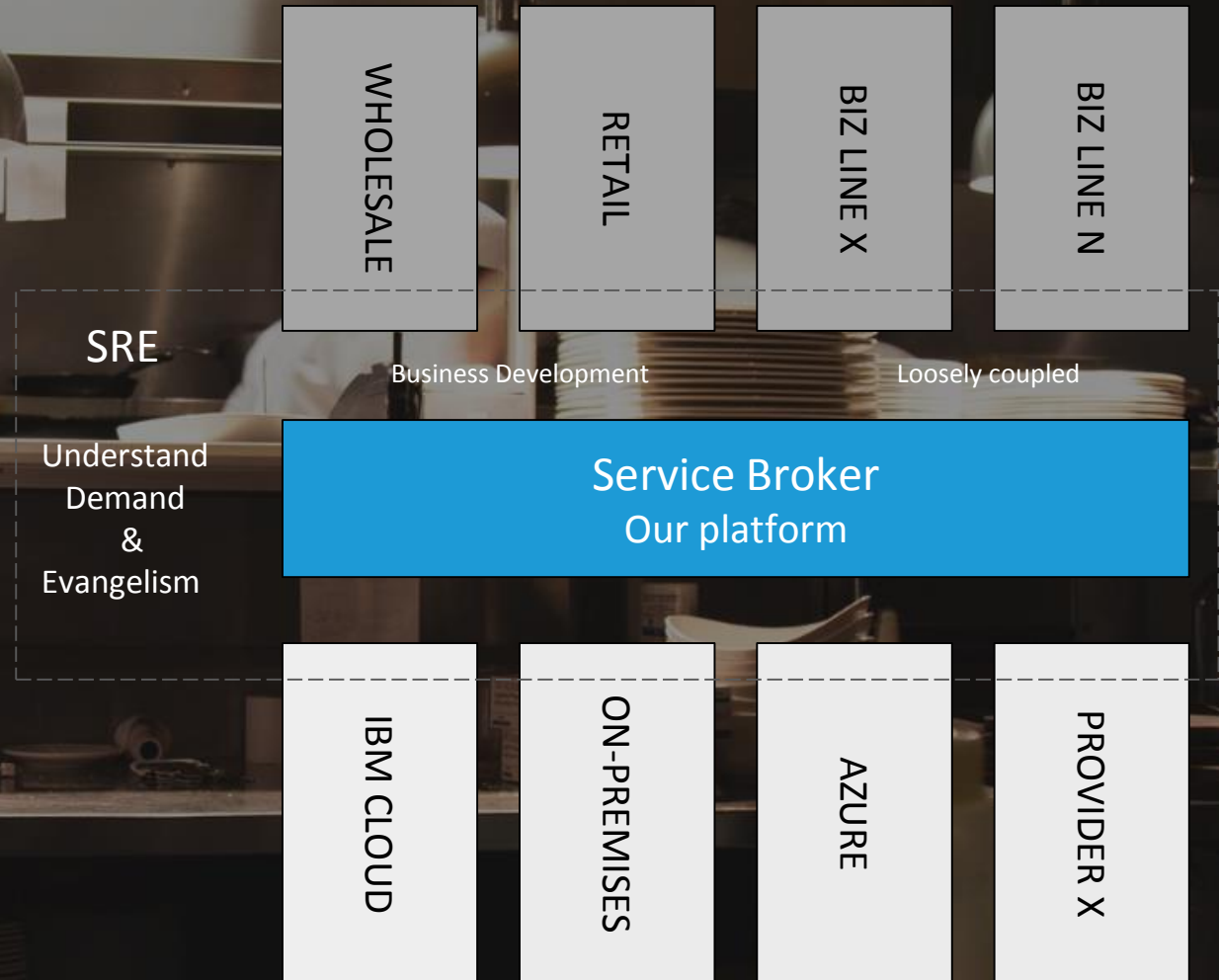
Intrinsically motivated employees who work on joint objectives supported by the latest techniques and technology

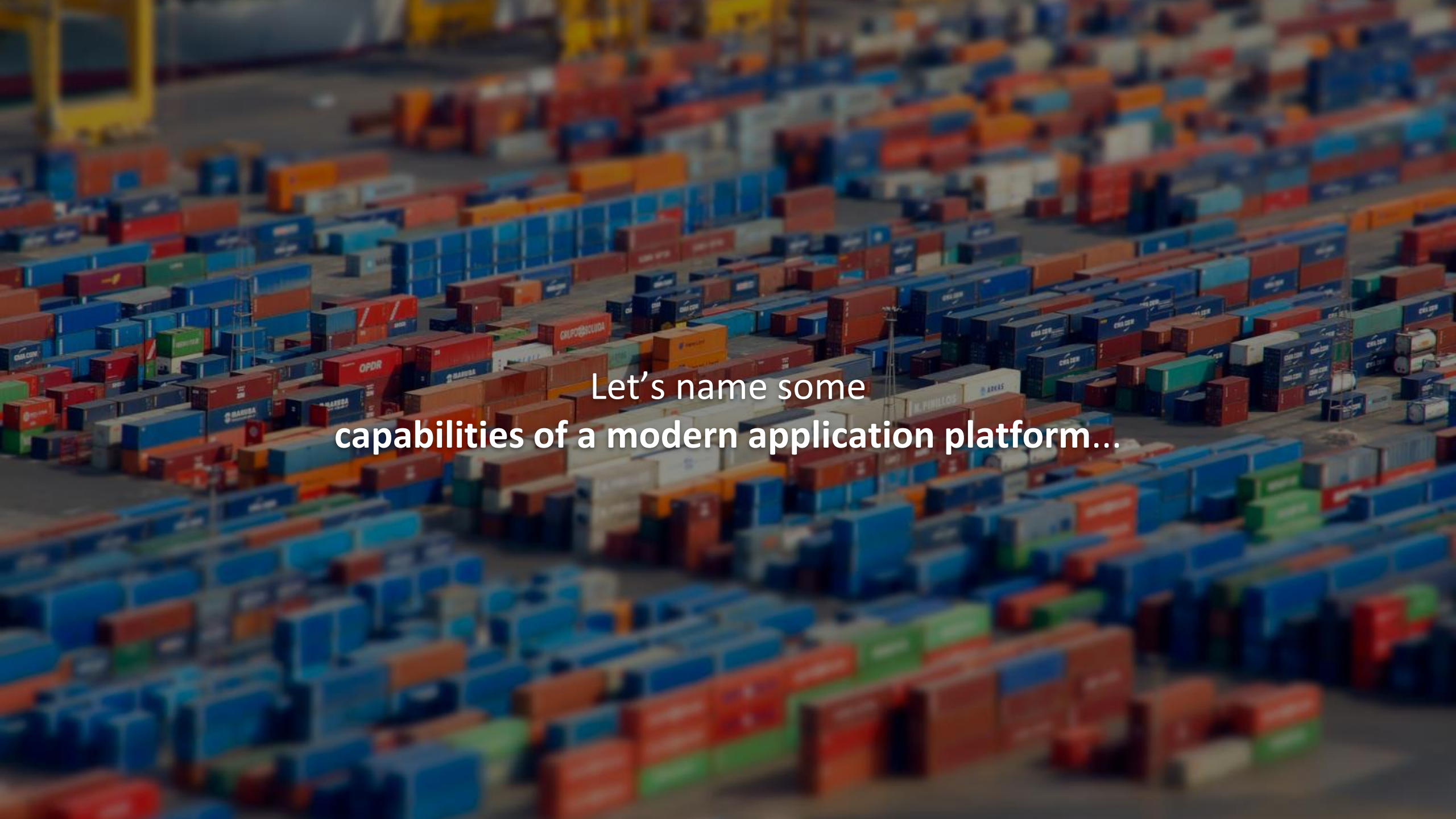


The platform journey




What are we cooking?






Let's name some
capabilities of a modern application platform...

 rolling

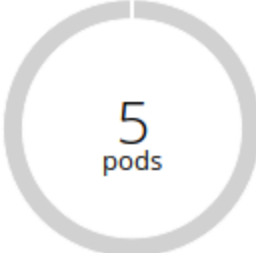
Deployment Config rolling

Rolling deployment in progress ●●● [View Log](#) | [Cancel](#)



9
scaling to 7...

→



5
pods

Execute a software update
and roll back without downtime

Automatic scaling of services
to ensure we always offer the right capacity

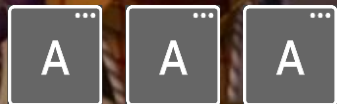


A close-up, low-angle shot of a dog, possibly a Weimaraner, running through shallow water. The dog is looking directly at the camera with a focused expression. Water splashes around its legs, creating a dynamic and energetic scene. The background features a bright sunset or sunrise over a body of water, with a clear blue sky transitioning into warm orange and yellow hues near the horizon. The overall mood is one of freedom and vitality.

Confidence in a flawless running service
The platform takes care of the health

An infrastructure agnostic platform
to ensure maximum portability

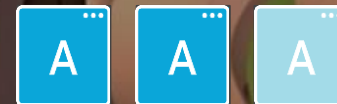
Traditional apps



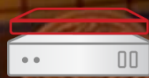
Cloud-native apps



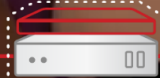
AI/ML, Functions...



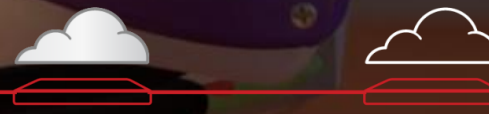
Container & DevOps Platform



Edge



Datacenter



Hybrid & Multi-Cloud



Database

Streaming & Messaging

Monitoring

Integration & Delivery

Logging & Tracing

The registry for
Kubernetes Operators

OperatorHub.io



**OPERATOR
FRAMEWORK**

We want “Automatic operations”!
Automated lifecycle management of services



Utilizes the power of communities
Embraces open source

Rethinking the platform recipe

1. Why a platform?
2. What kind of service?
3. **What will your service catalog look like?**
4. What SLA are you providing?
5. **Who are your customers?**
6. What does “ultimate-CX” look like?
7. **What is your added value? What to Build and what to Buy?**
8. **What people, skills, processes do you need to deliver the service?**
9. What is your revenue model?
10. **How do you do your (internal) business development?**

Essential ingredients

1

- Service catalog
- Match SLA
- Compliance, security as a service

2

- Onboarding process
- Maturity assessment
- Transitioning services

3

- User communities
- Feedback loop
- Training, workshops
- Retrospectives

4

- Business Development
- Community management
- Business case
- NPS - customer satisfaction

Essential capabilities

Self-service

Automation

Push Button

CI/CD

Containers

XaaS


```

78         default="Y",
79     )
80     global_scale_setting = FloatProperty(
81         name="Scale",
82         min=0.01, max=1000.0,
83         default=1.0,
84     )
85
86     def execute(self, context):
87
88         # get the folder
89         folder_path = (os.path.dirname(self.filepath))
90
91         # get objects selected in the viewport
92         viewport_selection = bpy.context.selected_objects
93
94         # get export objects
95         obj_export_list = viewport_selection
96         if self.use_selection_setting == False:
97             obj_export_list = [i for i in bpy.context.scene.objects]
98
99         # deselect all objects
100         bpy.ops.object.select_all(action='DESELECT')
101
102         for item in obj_export_list:
103             item.select = True
104             if item.type == 'MESH':
105                 file_path = os.path.join(folder_path, "{}.obj".format(item.name))
106                 bpy.ops.export_scene.obj(filepath=file_path, use_selection=True,
107                                         axis_forward=self.axis_forward_setting,
108                                         axis_up=self.axis_up_setting,
109                                         use_animation=self.use_animation_setting,
110                                         use_mesh_modifiers=self.use_mesh_modifiers_setting,
111                                         use_edges=self.use_edges_setting,
112                                         use_smooth_groups=self.use_smooth_groups_setting,
113                                         use_smooth_groups_bitflags=self.use_smooth_groups_bitflags_setting,
114                                         use_normals=self.use_normals_setting,
115                                         use_uv=self.use_uv_setting,
116                                         use_materials=self.use_materials_setting,

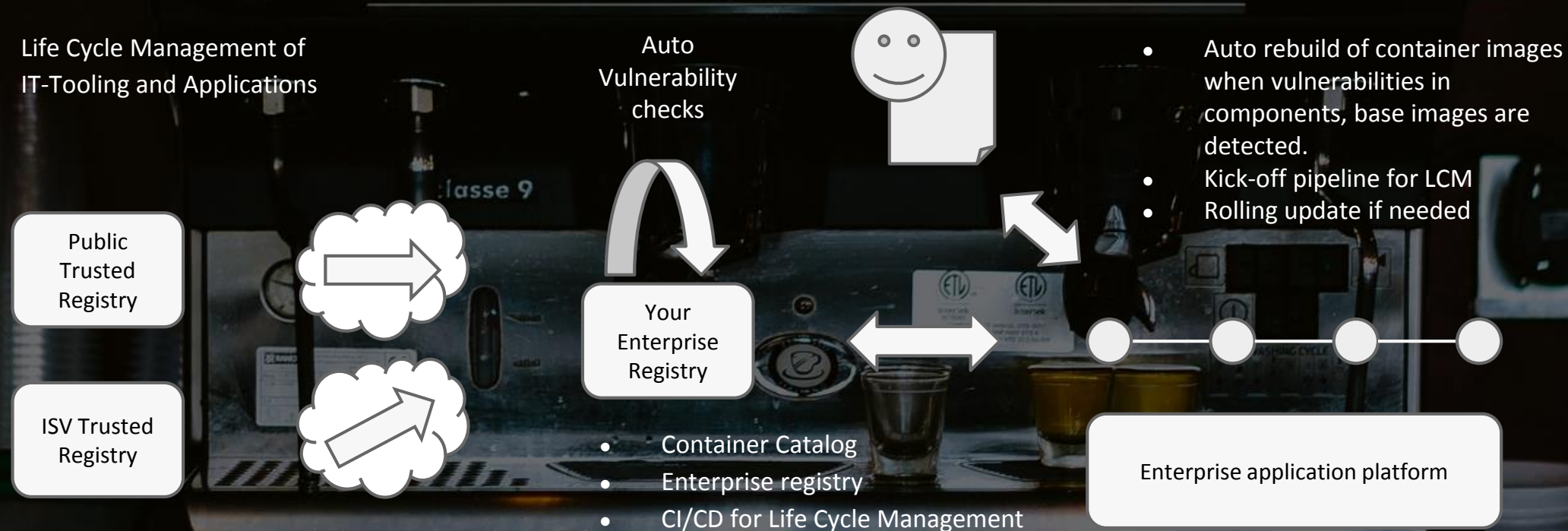
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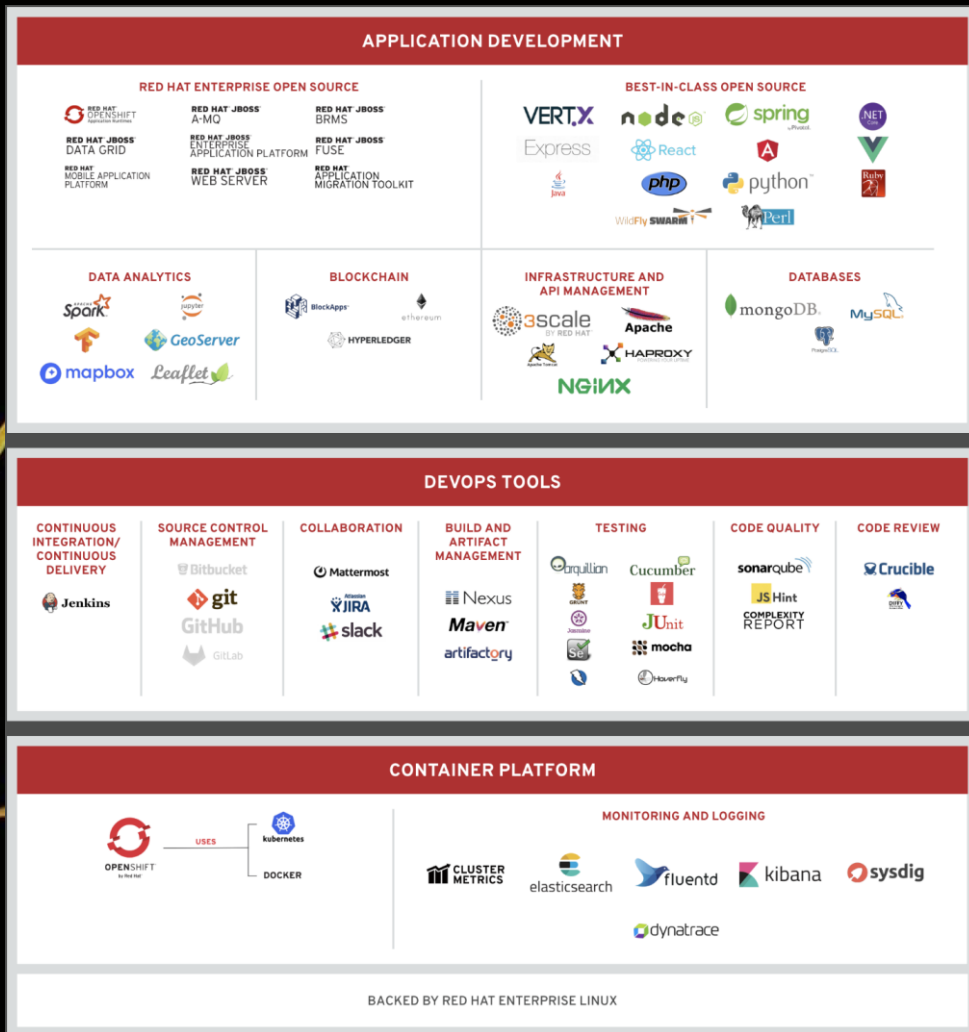


**KEEP CALM
AND
AUTOMATE EVERYTHING**

CI/CD and continuous deployment
Everything under source control (GitOps)

Life Cycle Management of IT-Tooling and Applications





Freedom & flexibility
versus
Standardization, security & compliance

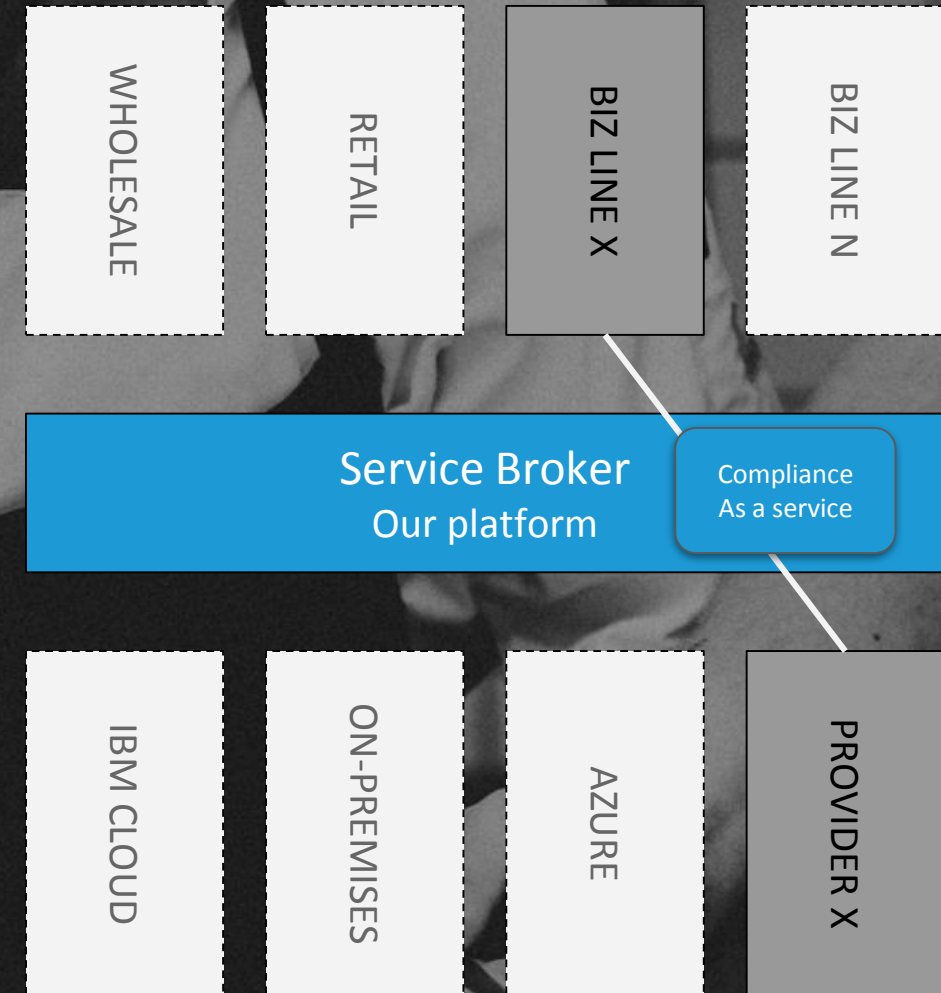


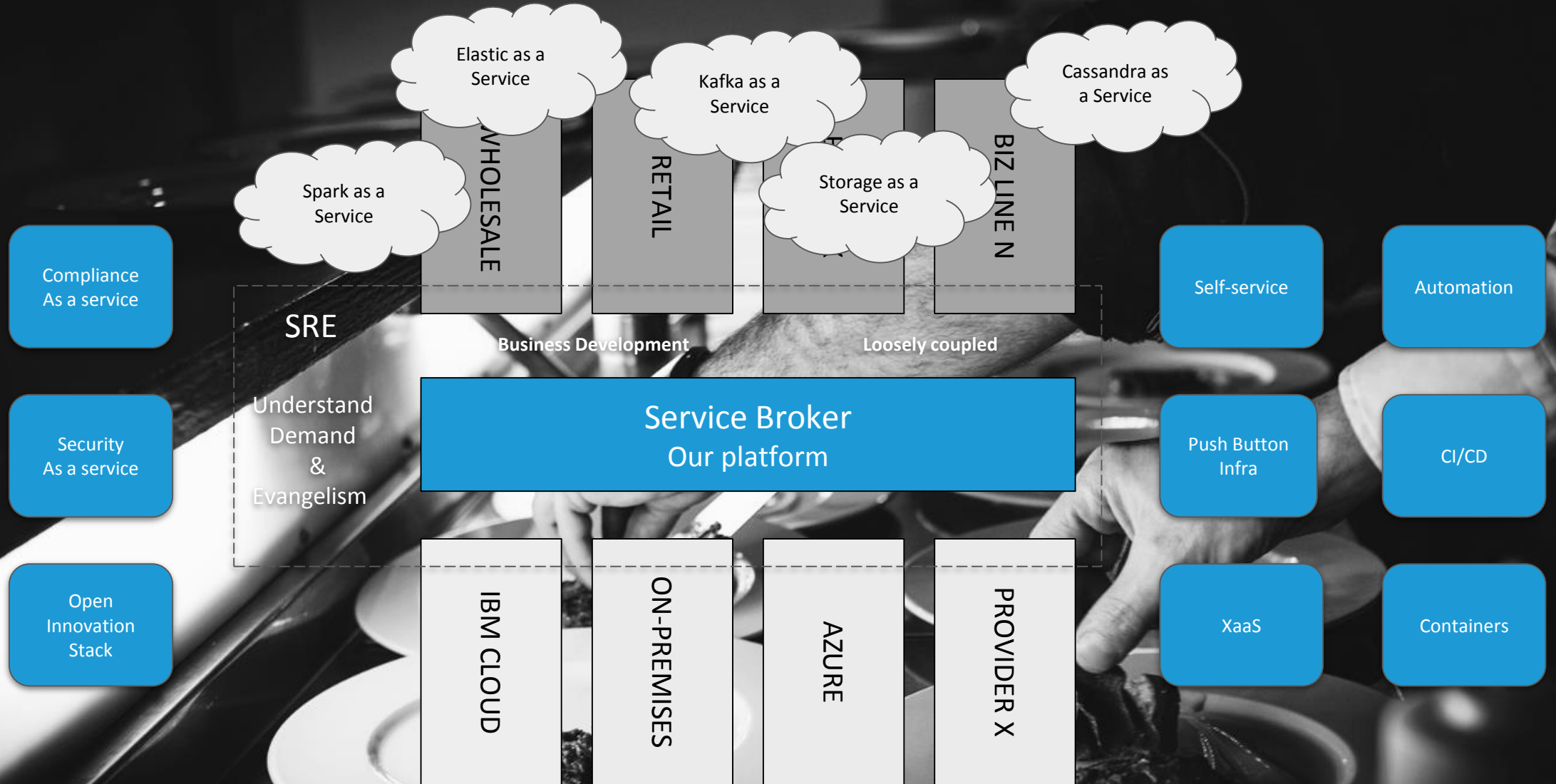
Improving your service Adding real value for your users!

Conforming to compliance (and security) frameworks:

- What is provided as standard
- What can be configured
- What you have to do yourself!


What about ISO 27001, PCI DSS, ...?





Remember: Change mindset + behaviours
over processes + systems



A young boy and girl are sitting at a wooden desk, looking at a silver laptop. The boy, on the left, has his mouth wide open in a shout and his arms raised high. The girl, on the right, is also shouting with her mouth open and pointing her finger at the laptop screen. They both appear to be very happy and engaged. The background shows an office-like setting with a green wall and a red exit sign.

Effective users
Motivated users
Happy users!

Thank you

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