



BIZDEVOPS @ BMW GROUP IT.

OUR JOURNEY TO 100% AGILE.



WHO ARE WE?



RAL

Order to Delivery, Plants EMEA

FRANK

Architecture, Innovation & Technology

Software Engineers by heart

100% agile - with utter conviction

#enjoyIT

BMW GROUP. FAST FACTS.



~ 135,000
EMPLOYEES
WORLDWIDE

~ 2,500,000 VEHICLES
SOLD IN 2018

~ 500,000 FULLY-ELECTRIC AND
PLUG-IN HYBRID BMW AND MINI
VEHICLES BY THE END OF THIS YEAR

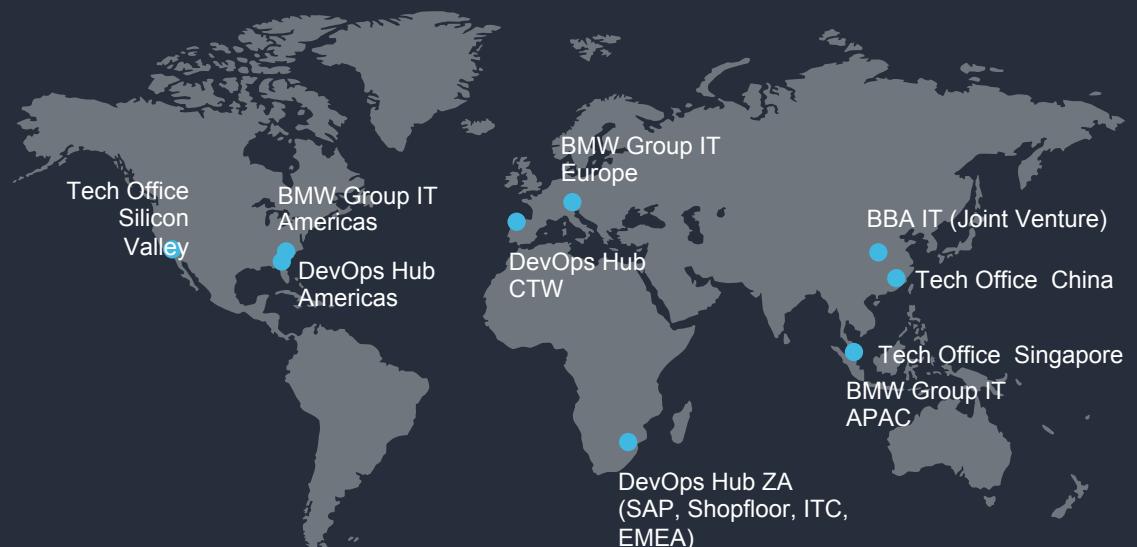
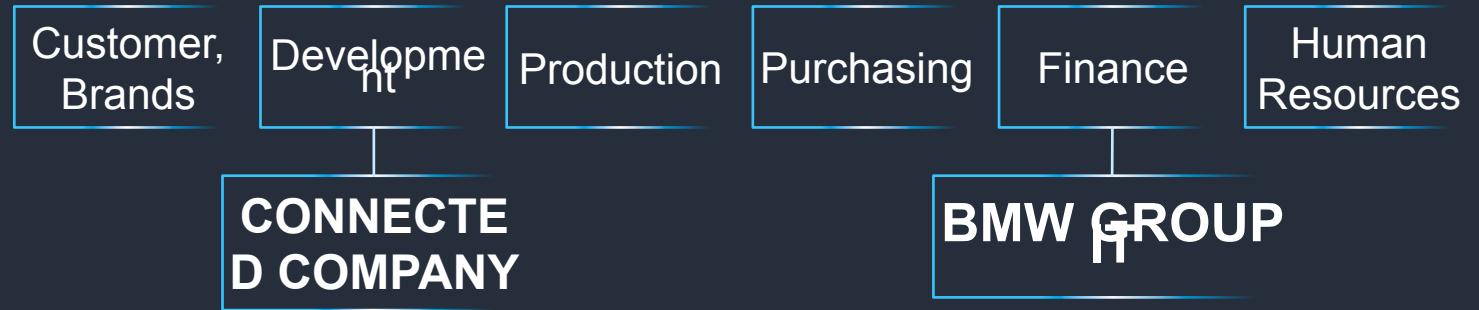
~ 12,000,000 VEHICLES

ALREADY CONNECTED WITH THE BMW
GROUP CONNECTEDDRIVE BACKEND

BMW GROUP. THE HOME OF IT NETWORK.

5,500
EMPLOYEES
IN 29 COUNTRIES
~ 4,500 ACTIVE APPLICATIONS

BOARD OF MANAGEMENT BMW GROUP



5 MINUTES ABOUT THE TIME BEFORE 2016.

WORKING MODEL.



PROJECT MANAGEMENT



PROJECT LEADER



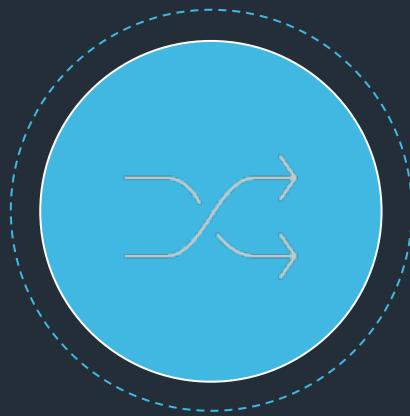
RELEASE WEEKENDS



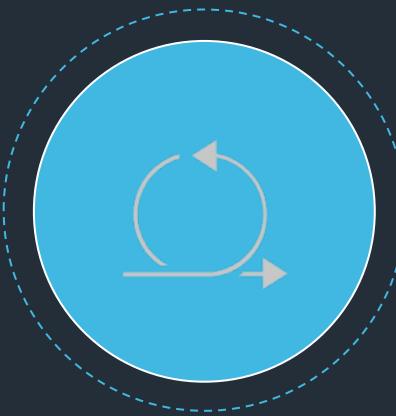
IT GOVERNANCE



SOMETHING HAD TO CHANGE!



FLEXIBILITY



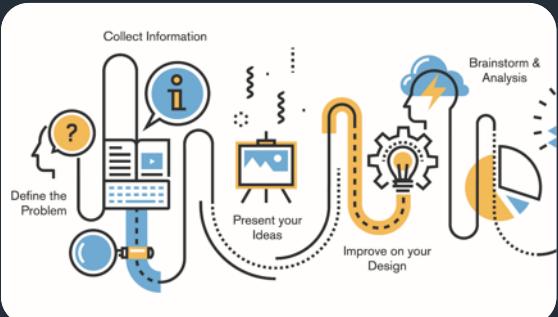
SPEED



CUSTOMER
FOCUS

~~BIM IT.~~
**OUR ANSWER: 100%
AGILE.**

100% AGILE IS NOT A BUZZ WORD FOR US, IT IS A HOLISTIC JOURNEY ALONG 4 CORE DIMENSIONS.



PROCESS



TECHNOLOG

100 %
AGILE

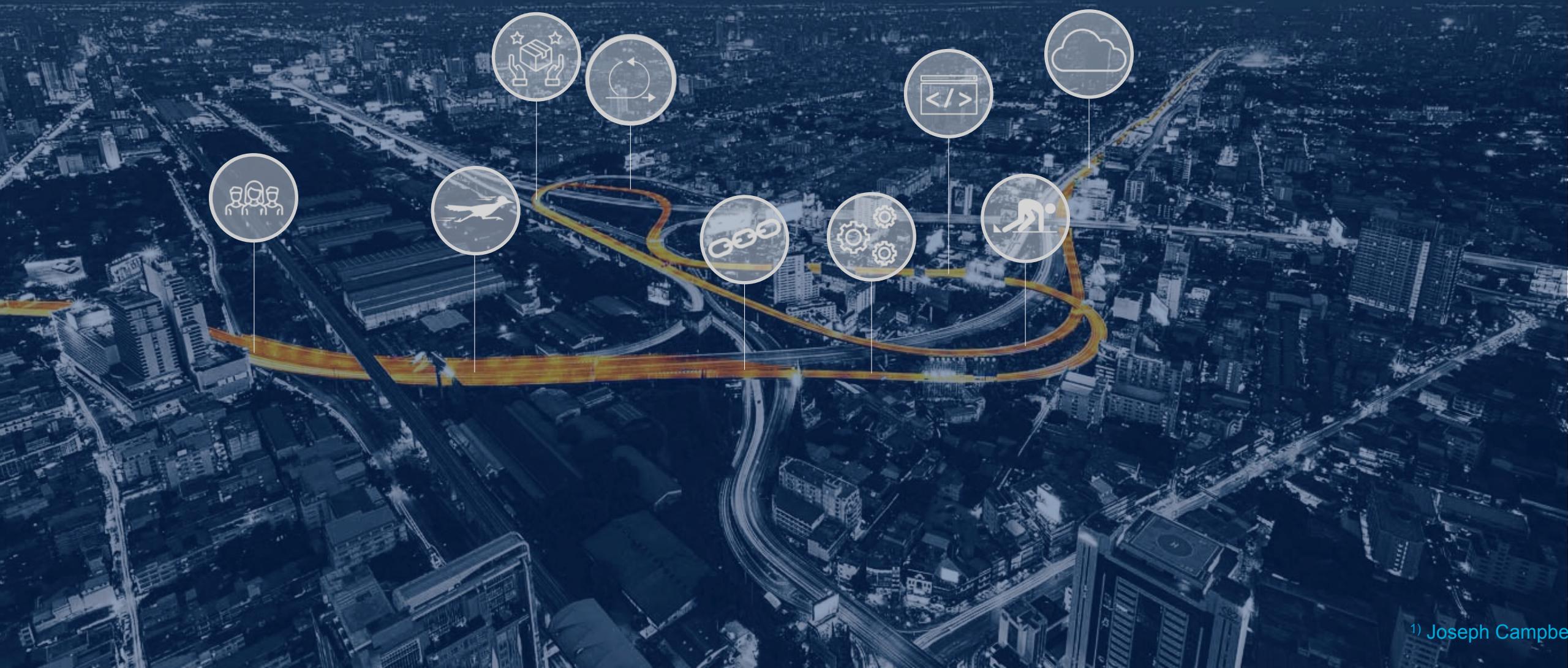


STRUCTURE

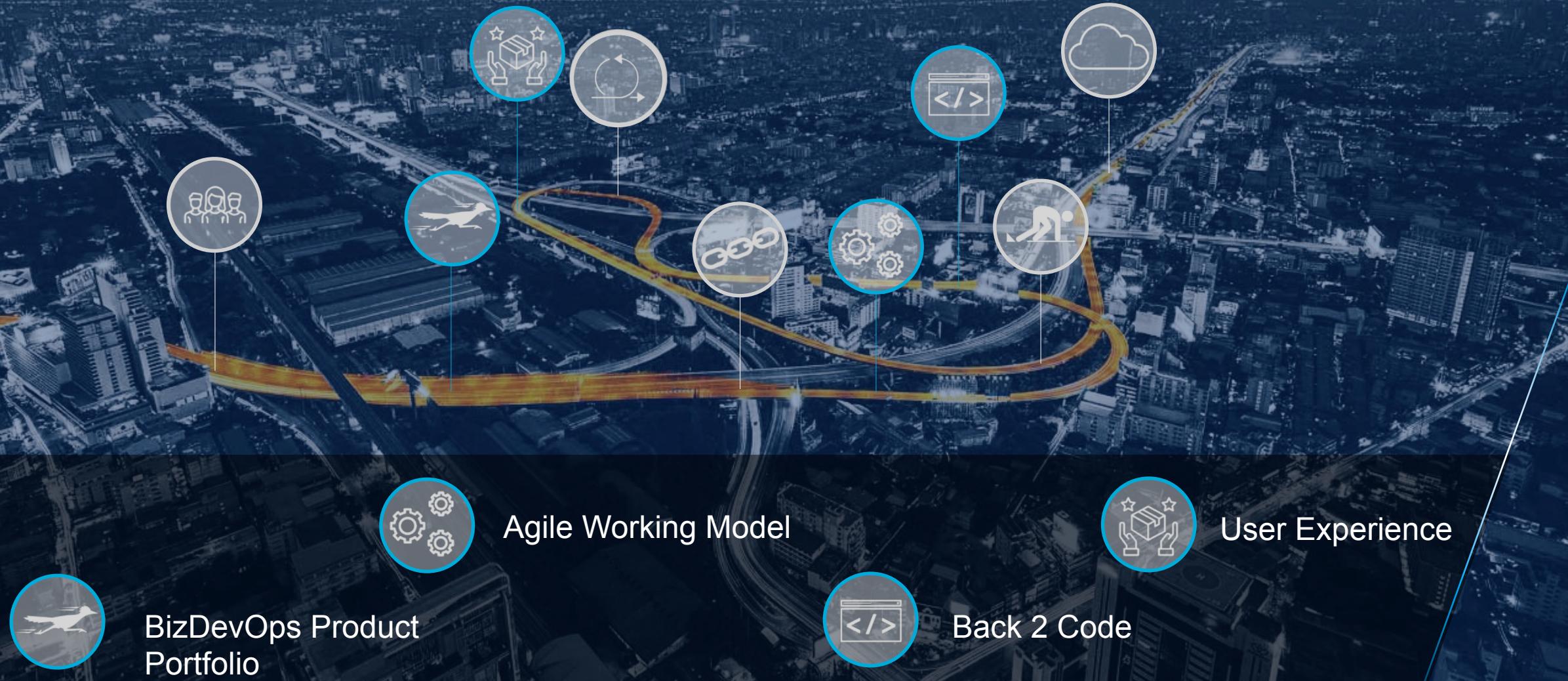


CULTURE

**“IF THE PATH BEFORE YOU IS CLEAR,
YOU‘RE PROBABLY ON SOMEONE ELSE’S.”¹⁾**



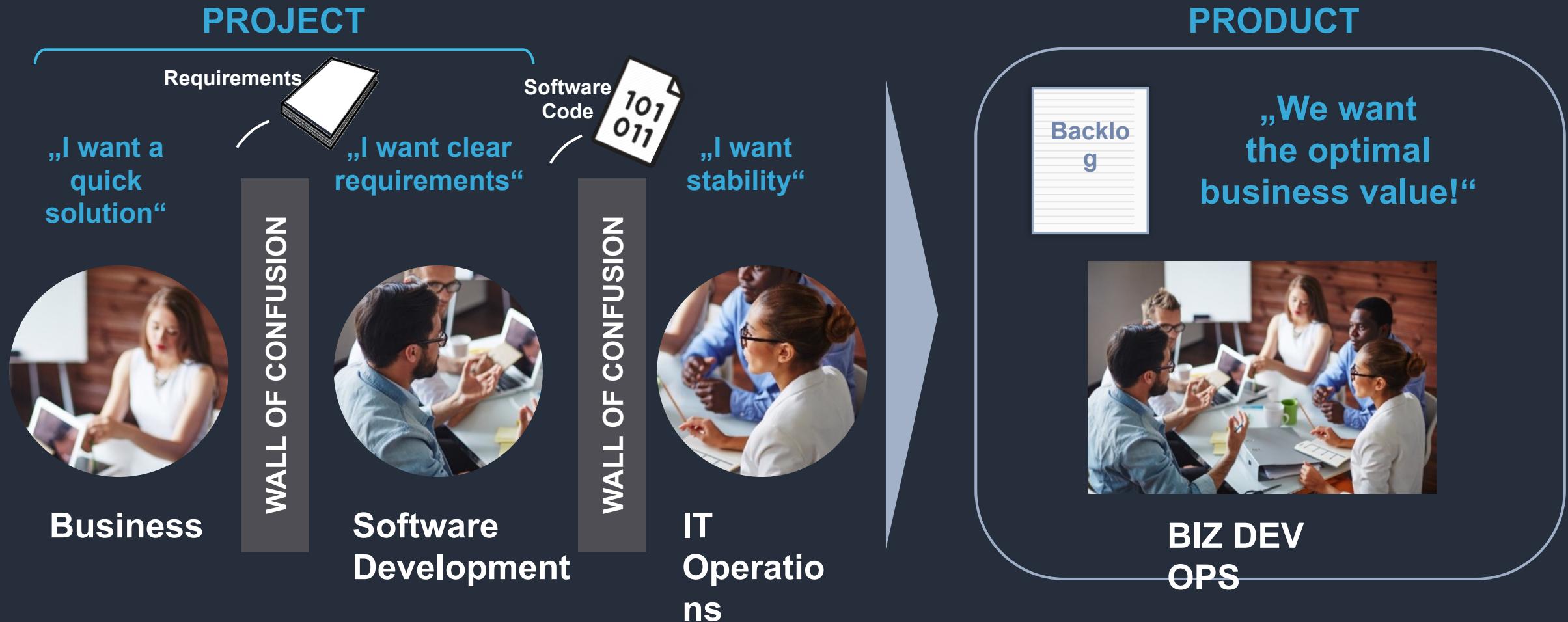
IT IS NOT ALWAYS A STRAIGHT PATH.



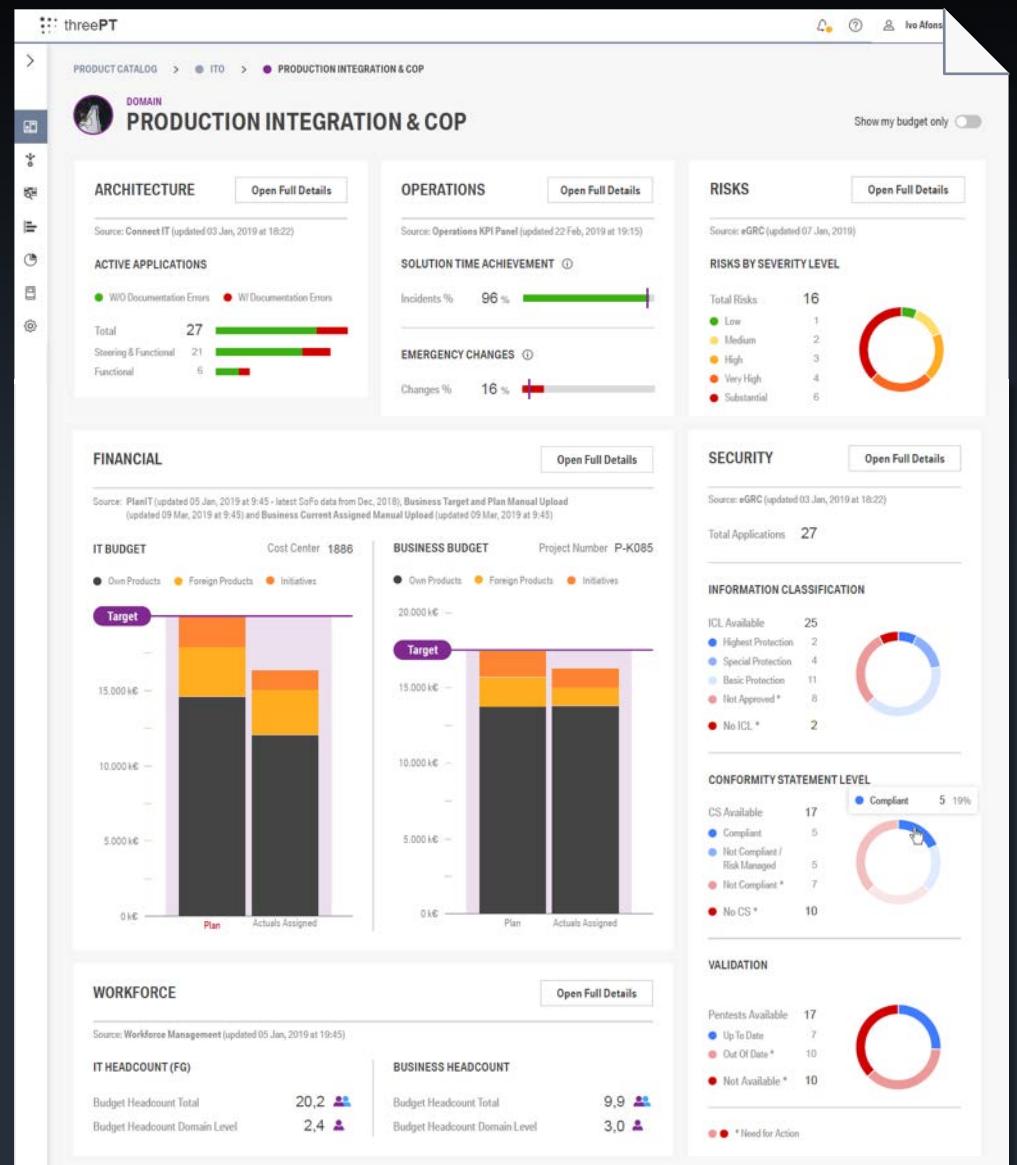
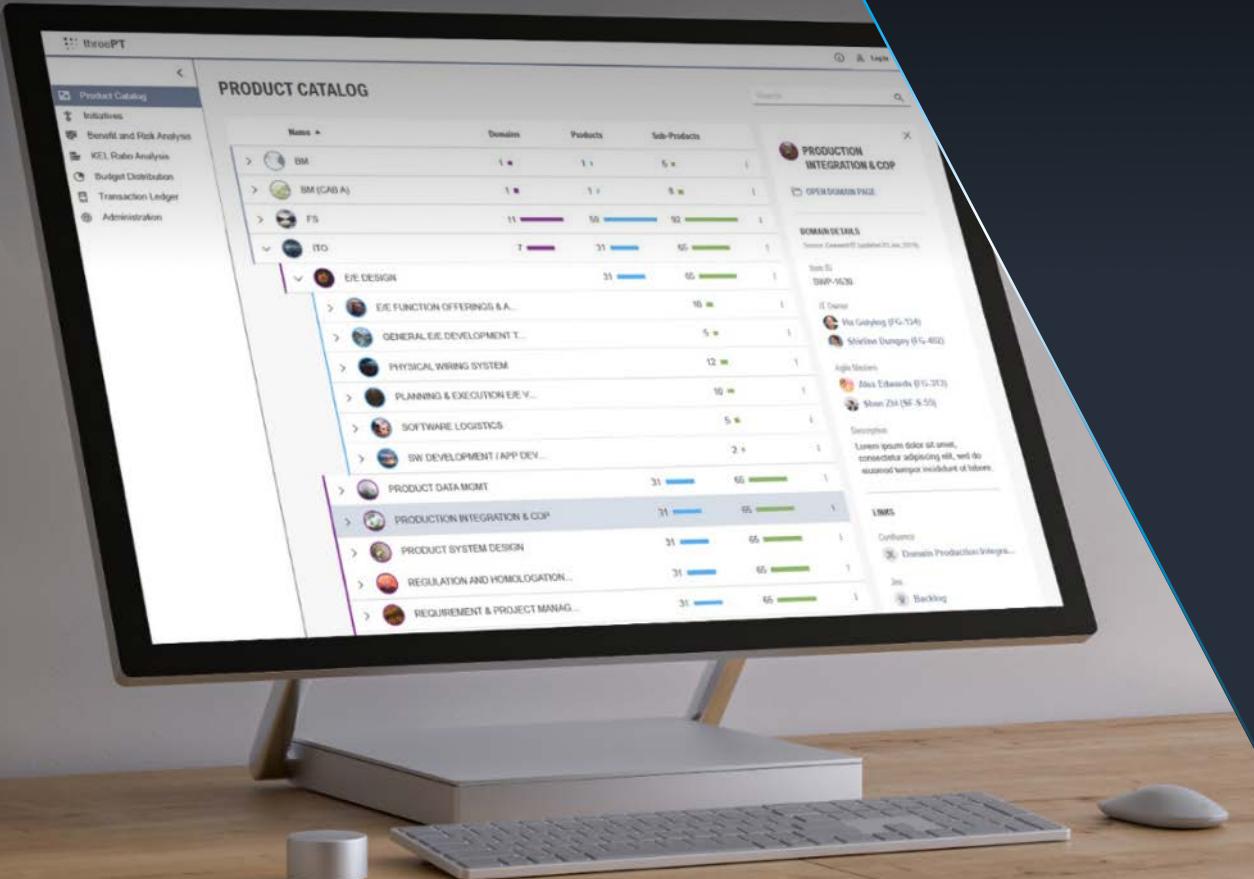
BIZDEVOPS PRODUCT PORTFOLIO.



THE END OF PROJECTS.

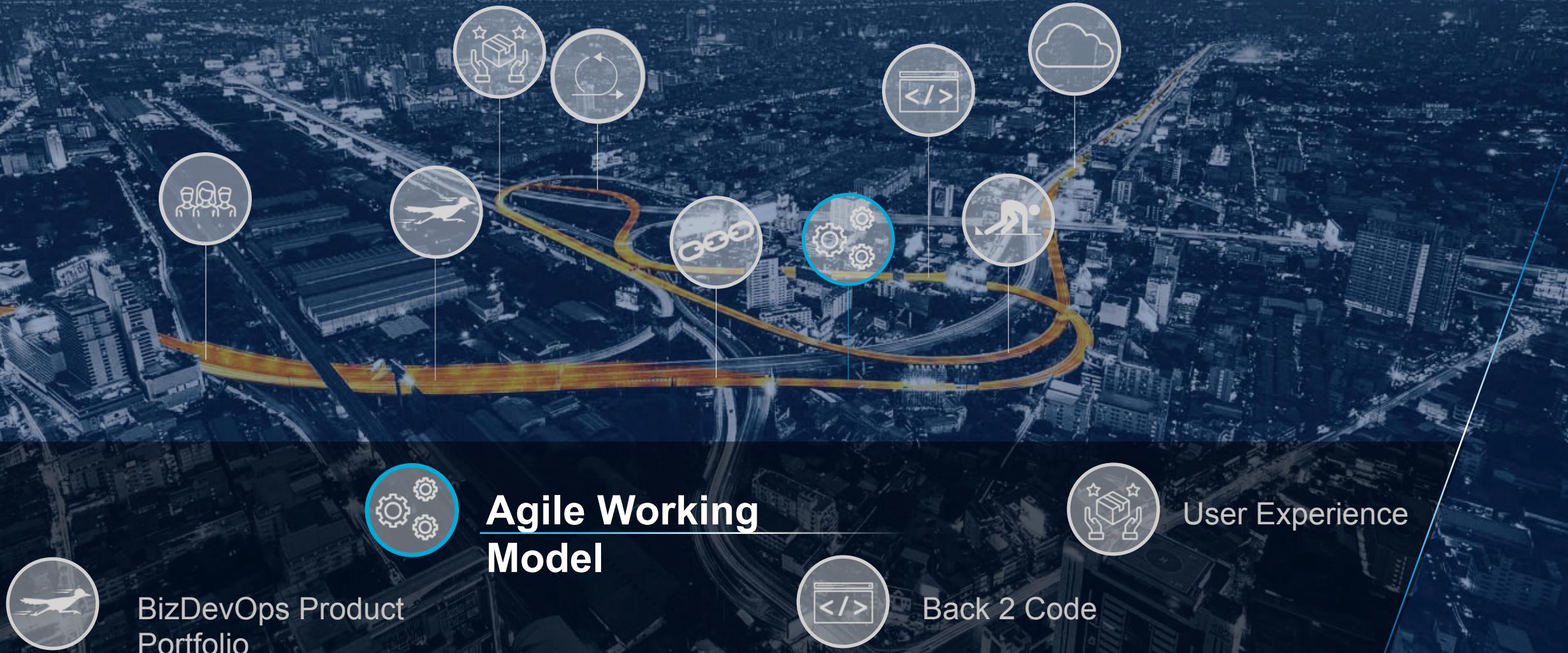


360° VIEW OF ALL OUR PRODUCTS.

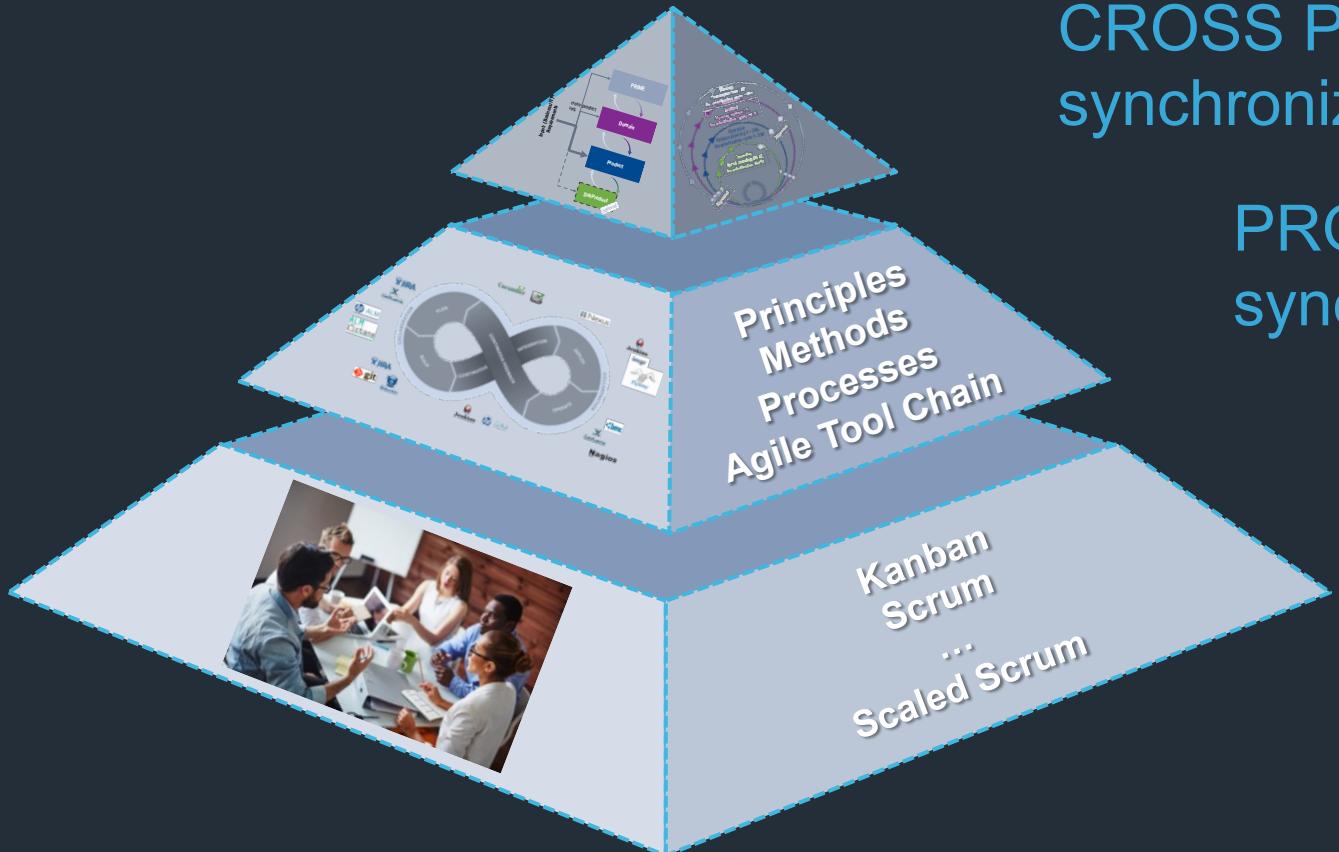


* Figures above are for example purposes only.

AGILE WORKING MODEL.



BMW GROUP IT AGILE WORKING MODEL. MINIMAL GOVERNANCE FOR MAXIMAL AUTONOMY.

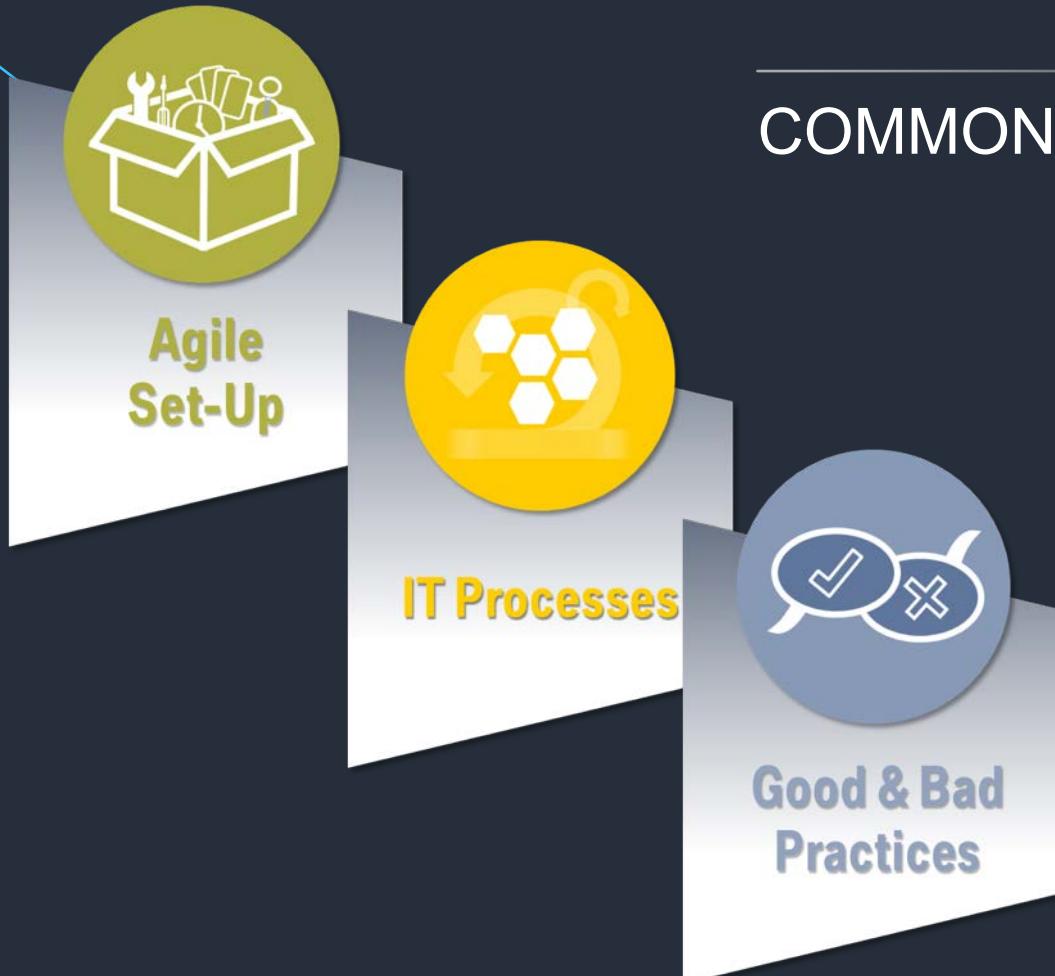


CROSS PRODUCT – “lean synchronization”

PRODUCT LEVEL – “leveraging synergies”

FEATURE TEAM LEVEL – “agile bandwidth”

THE BMW GROUP AGILE WORKING MODEL ISN'T JUST A TEXTBOOK. IT'S **OUR FLEXIBLE WAY** OF EFFICIENT WORKING.



COMMON STRUCTURE AND LANGUAGE

ONE COMPLIANT
FRAMEWORK

SUPPORTED BY OUR AGILE TOOLS

BACK2CODE.



FROM STEERING TO CODING.

Agility

BMW IT projects
in 2016:
~26%

Industry
Benchmark

Digital Players
>80%

Internal software competence

WITH BACK2CODE AND CRITICAL TECHWORKS, THE CODING CULTURE IS REBORN.

“Automatization”

“Feedback Driven Development”

“User Centricity”

“You build it, you run it.”

“Tight Technology Stack”

“Standardize on Integration”

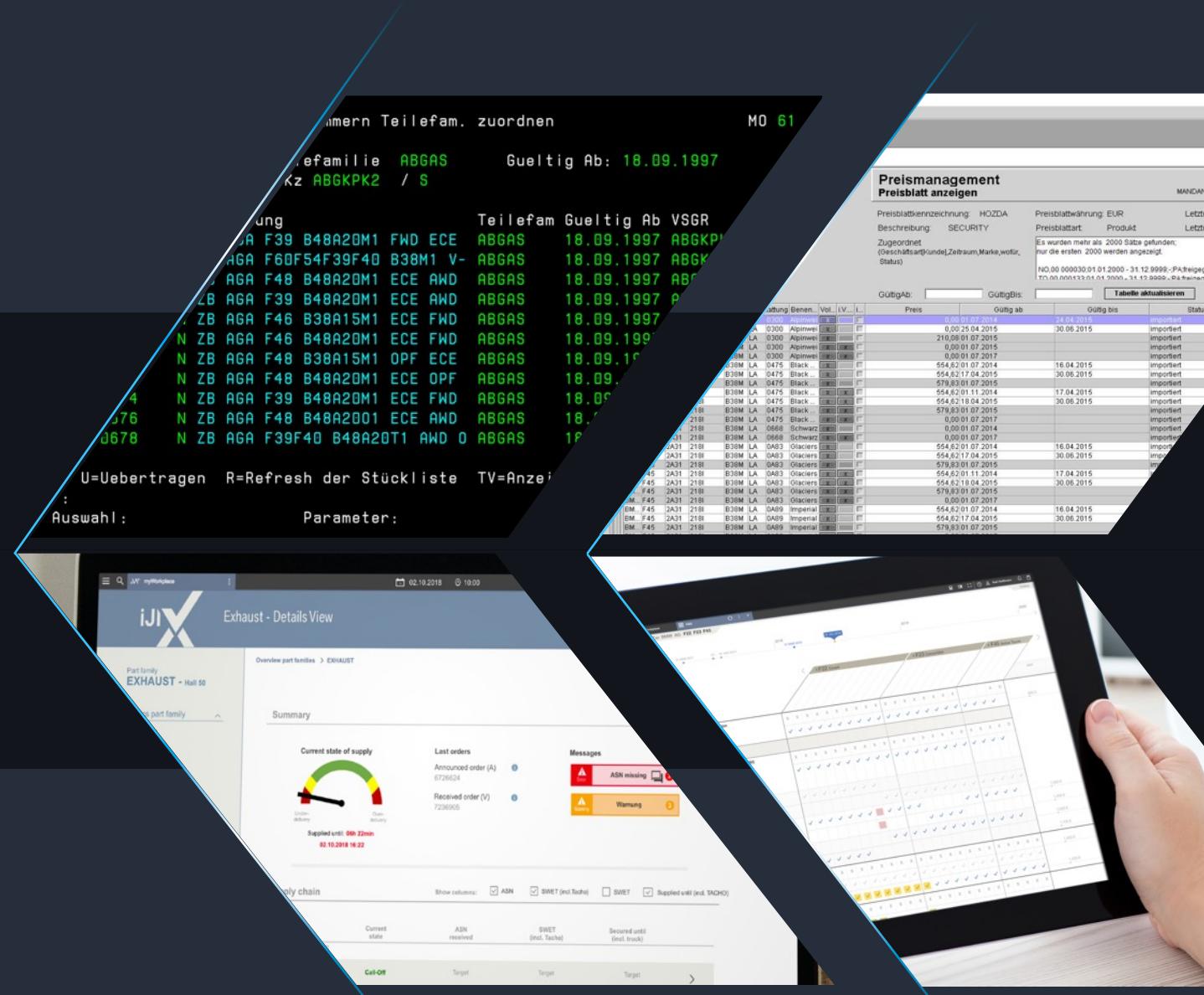


I/M Back2Code

USER EXPERIENCE.



USER EXPERIENCE MATTERS!



UX FROM HELL!

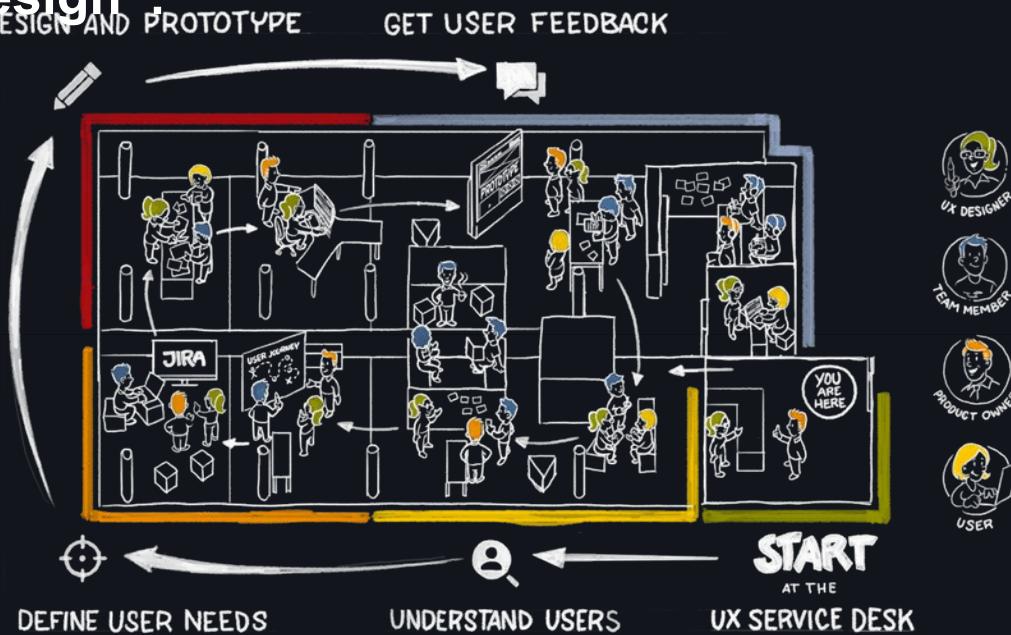
Join our **UX Live Center Challenge**

A USER INTERFACE IS LIKE A JOKE.

IF YOU HAVE TO EXPLAIN IT,
IT'S NOT THAT GOOD.

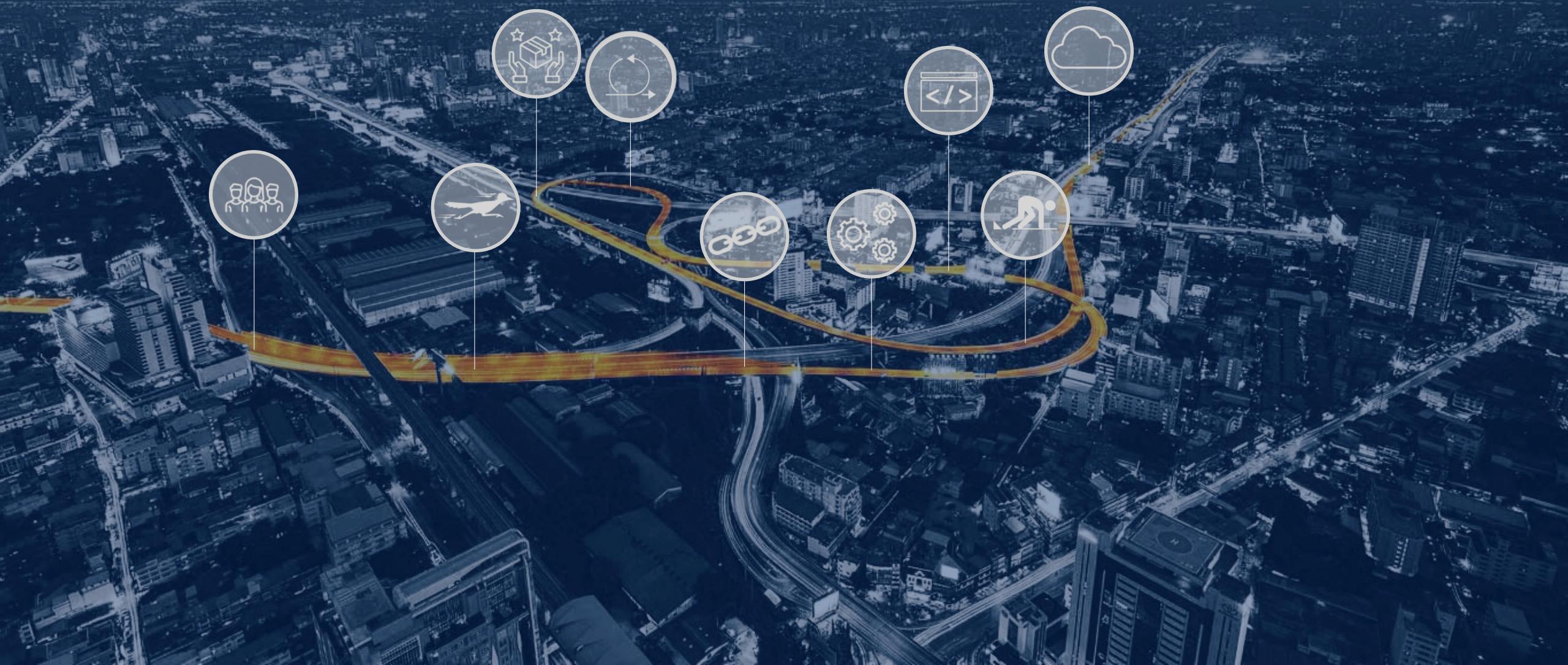
AND HOW DO WE DO IT?

We created a space to experience “User Centered Design”:



- 530 square meters
- open door philosophy : „walk in - get help“
- easy access to professional UX support
- > 80 Product Teams @ UX Live Center in one year

IT IS NOT ALWAYS A STRAIGHT PATH,
BUT IT IS A SUCCESSFUL JOURNEY.



AND WHAT'S THE FEEDBACK SO FAR?

ONE TEAM.

"Working in an interdisciplinary BizDevOps team enabled us to increase our release frequency from 1-2/year to 2/month. This is real flexibility."



Feature Team Member

-25 % Time-to-market



ONE PRODUCT.

"I've never experienced bugs being fixed or new requirements being implemented so fast."



Process Owner, BMW Prototype Production

-30% Incidents



ONE MISSION.

"The biggest challenge was adapting to the continuous changes in the law. Agile working was the only way to success."



Initiative Lead, BMW WLTP

++ User Satisfaction



SUCCESS FACTORS FOR THE BIGGEST CHANGE IN IT FOR THE LAST 20 YEARS.



self organized



stick to your vision



bizdevops



small team



right people



WHAT'S NEXT...

#100%_data_driven



#cloud_first

#API_first

#50_Releases_per_day

#minimum_downtime

**BMW GROUP
IT STRATEGY 2.0**

#back2code



**BE BOLD WHEN YOU START YOUR
JOURNEY**

**IT WILL BE NO 5STAR WELLNESS CRUISE -
THE CHANGE IS DISRUPTIVE**

**LIVE THE AGILE WAY IN THE
TRANSFORMATION:
INSPECT & ADAPT**

LEARN FROM OTHER'S JOURNEYS

**AND ALWAYS
#enjoyIT.**

