WAYDAY 2019

Migrácia do (Multi-)Cloudu s pomocou F5

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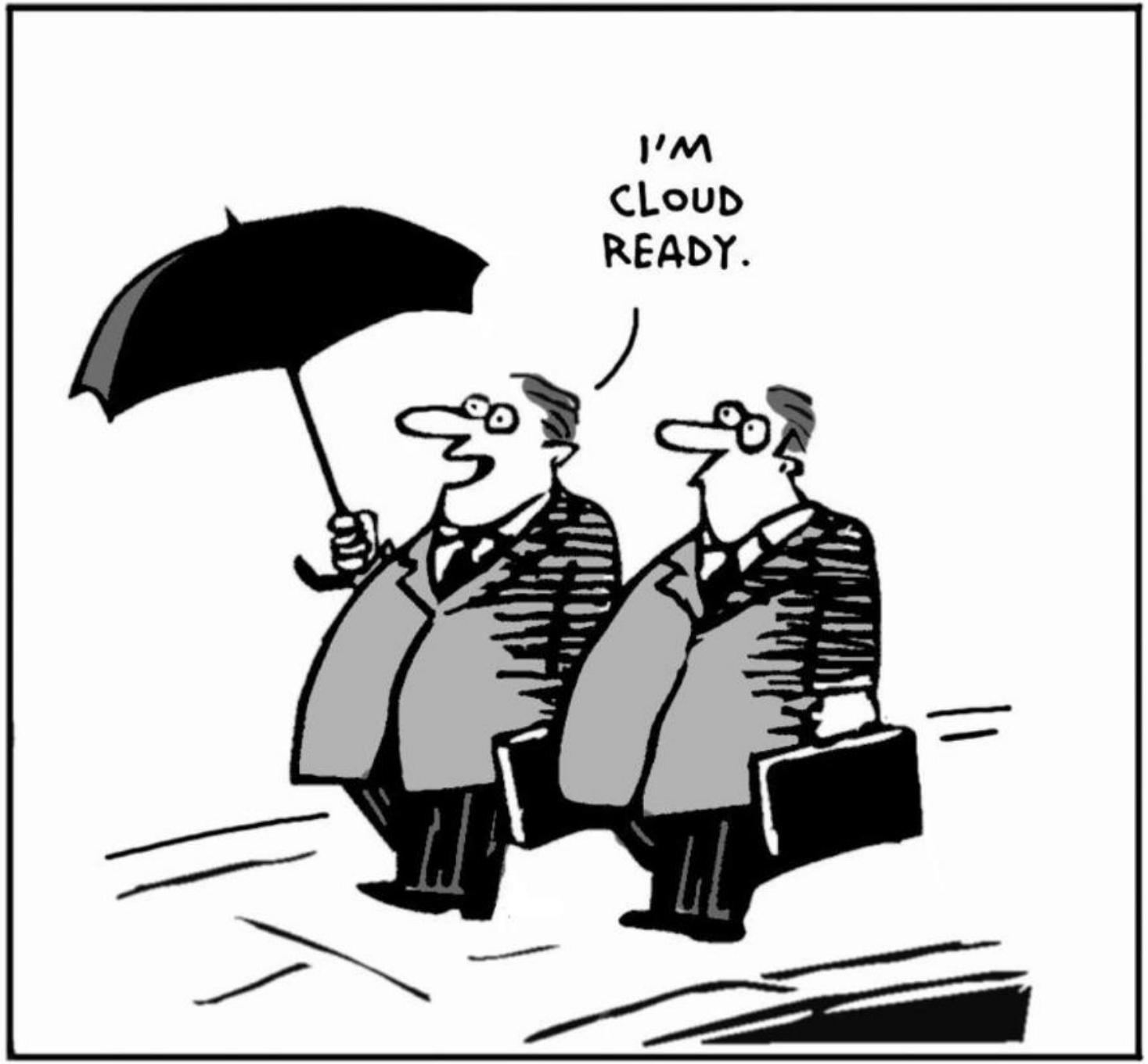

I'M
CLOUD
READY.

Applications are the most valuable asset of the modern enterprise

Physical Capital

Carnegie

Rockefeller

Ford

Human Capital

McKinsey & Company

IBM

Application Capital

Facebook

Uber

Starbucks

Nike(.sk)

Challenges for Application Capitalists

Challenge: Applications are a source of enterprise risk

New architectures

85% of app. workload instances are container-based, growing to 95% by 2021

Expanding threat surface area

86% of all cyber-threats target applications and application identities

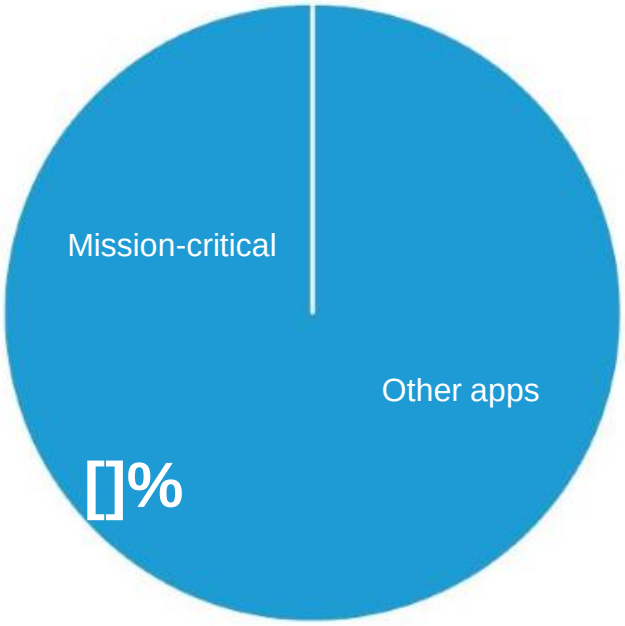
Distributed deployments

87% of customers are adopting multi-cloud

Inadequate visibility

0% of customers can report the number of applications in their portfolio with confidence

Challenge: Every application must be protected, not just the mission-critical ones



Large retailer

- Millions of customer records exfiltrated
- Billions in damages, market cap; CEO fired
- Entry point through air conditioning system

Casino operator

- Customer database taken
- Most lucrative customers at risk
- Entry point through a digital thermometer in the lobby aquarium

Choose the best cloud for the app

aws vmware Google Cloud openstack. Azure Alibaba Cloud

Type of application

47%

Case by case, per application

44%

Type of end user of the application

44%

Determined by IT

42%

Different Apps – Different Needs – Driving Hybrid / Multi-Cloud Strategy

(*) State of Application Services – 2019 report (F5 Networks)

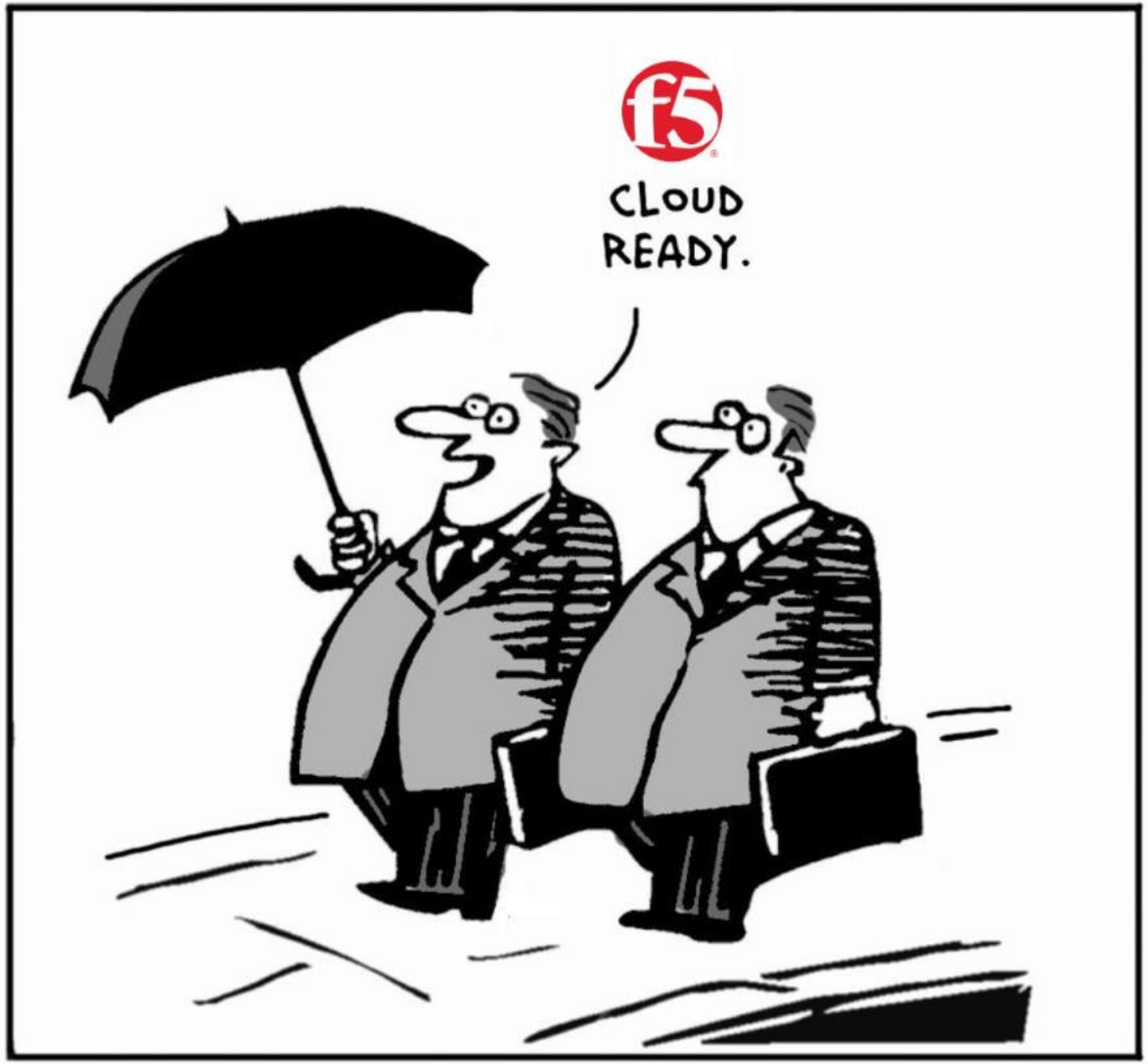
Multi-Cloud Challenges

40% Applying **consistent security** policy across all company applications

39% **Protecting** applications from existing and emerging threats

39% Gaining **visibility** into application health

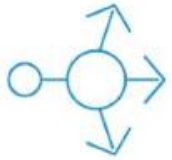
(*) State of Application Services – 2019 report (F5 Networks)


CLOUD
READY.

(F5) To Succeed „in Cloud“ we have to have:

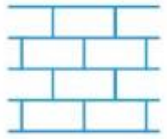
- Right Technology
- Flexible Licencing

F5 Application Services Portfolio



Load balancing

DNS Global LB



Firewall

WAF

DDoS Protection

Access management

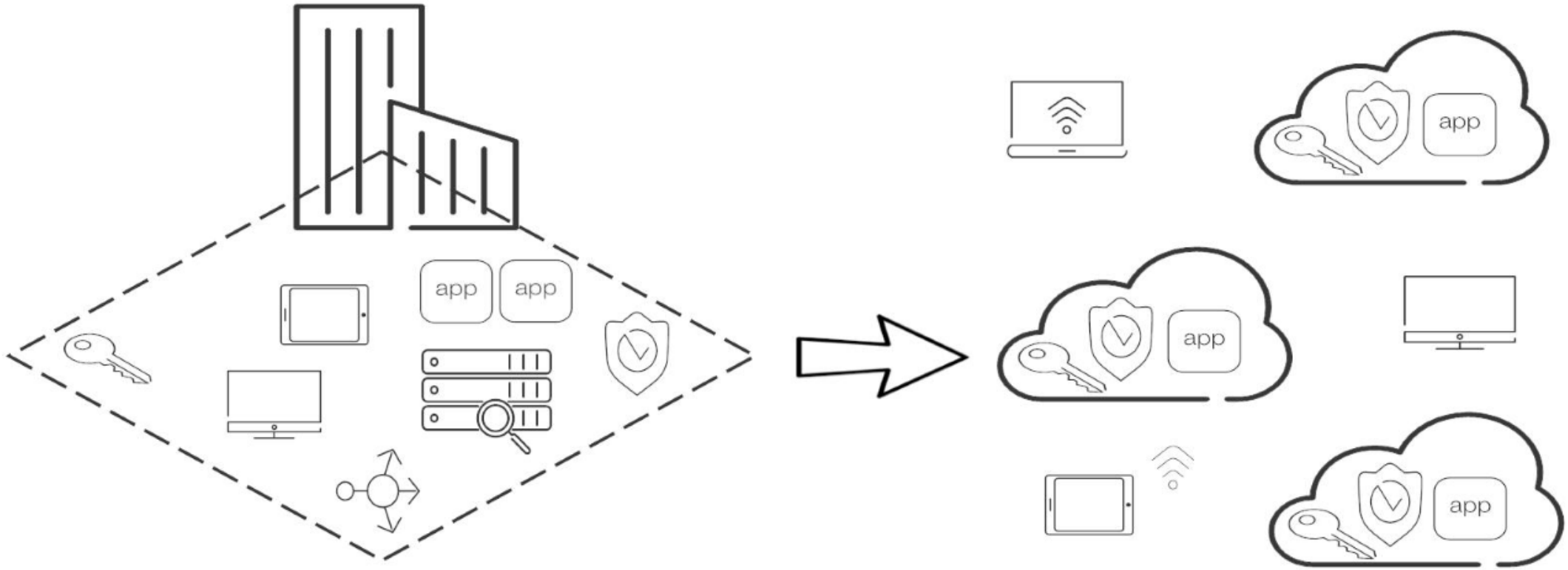
SSL orchestration

Fraud protection

Application performance management

Protecting Applications in Multi-Cloud Architecture

MOVING TO A PERIMETER-LESS SECURITY MODEL

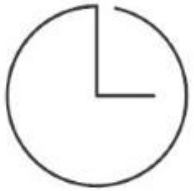


Traditional Network-based perimeter security

Zero-Trust & Per-app security

F5 Multi-cloud application services enhance and secure your application capital

Improves the performance and end-user experience of your applications



Faster

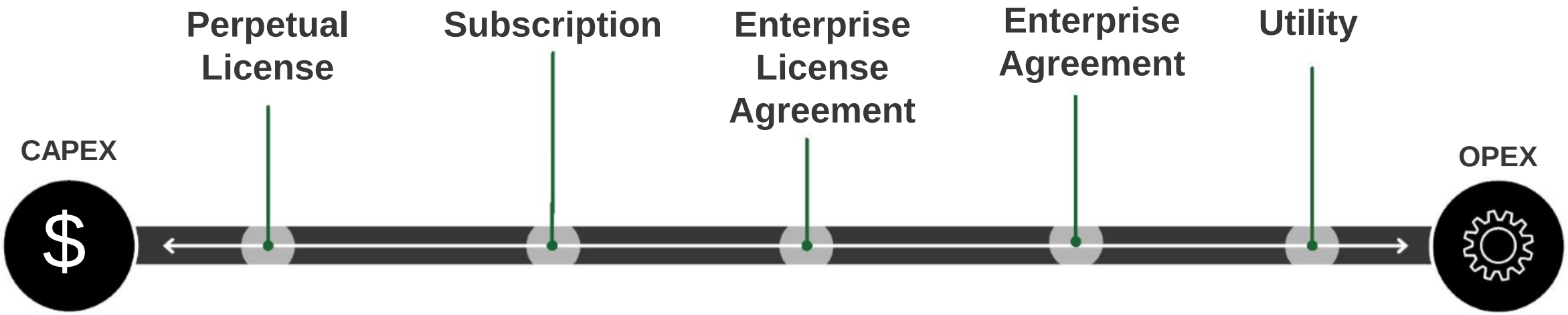
Makes your developers more productive

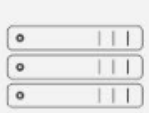
Smarter

Improves your enterprise security and risk posture

Safer

Licensing models aligned with your business





Appliances

Virtual Edition

Managed Services

Public Cloud

Why F5? Our value proposition

1. Broadest and deepest portfolio of application services

2. Most flexible consumption & multi-cloud deployment options

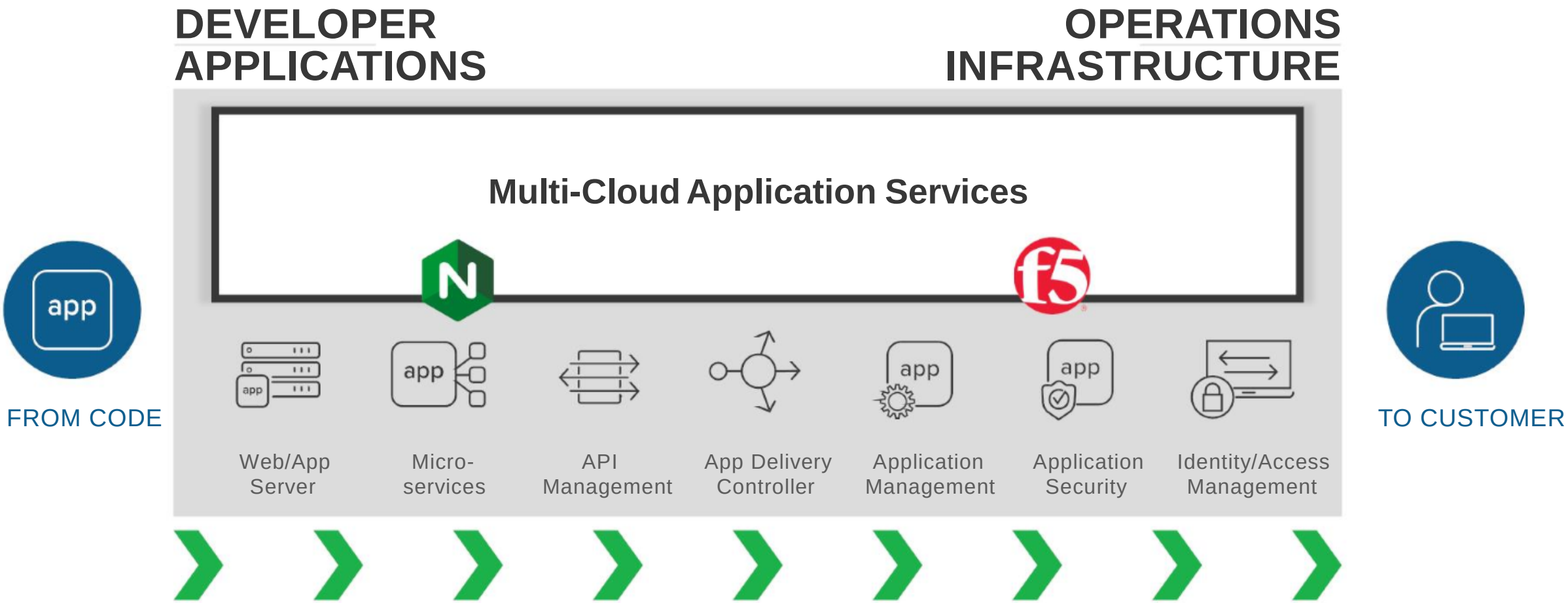
3. World-class customer support organization

Bridging the divide,

From apps to infrastructure

From traditional to modern architectures

From developers to operations

with the services you need.

Single platform comprised of the best of F5 and NGINX offerings…