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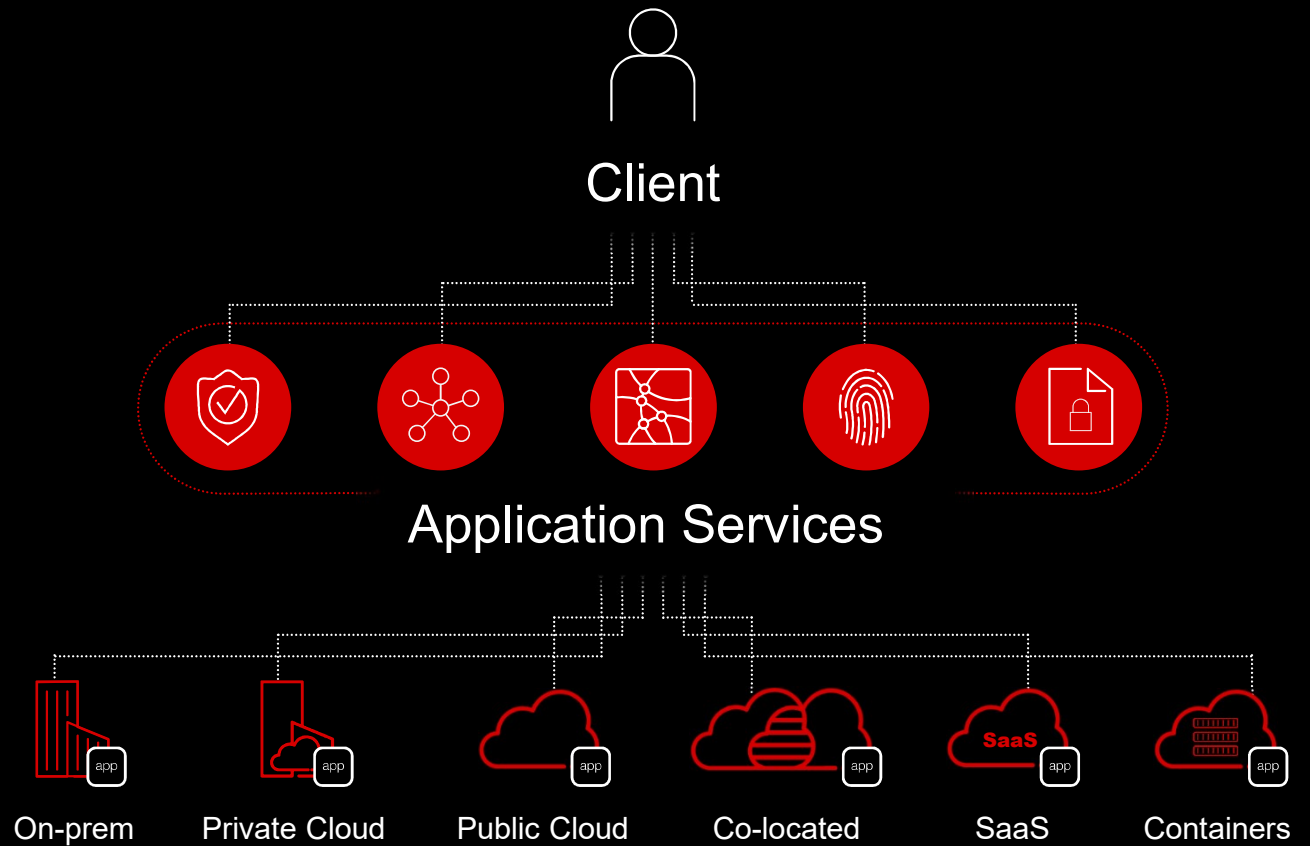


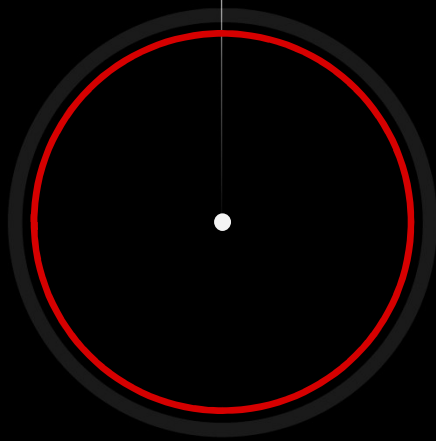
F5 Overview

PRESENTED BY:

Roman Tomasek

The Power of a Proxy

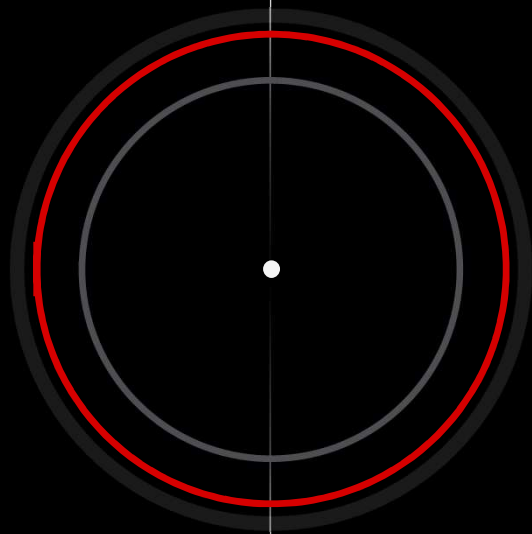




BIG-IP

World's first and only
intelligent, fully
programmable super proxy

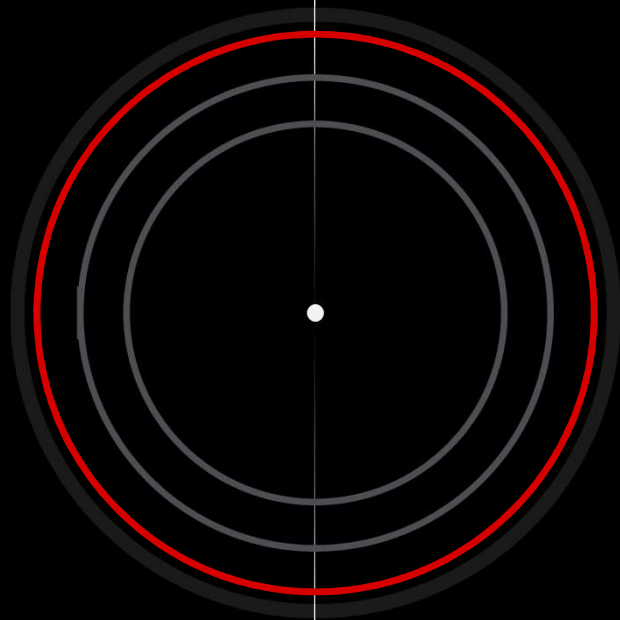




Best in Class Security Solutions

Provided by F5 as a proxy
between users and apps

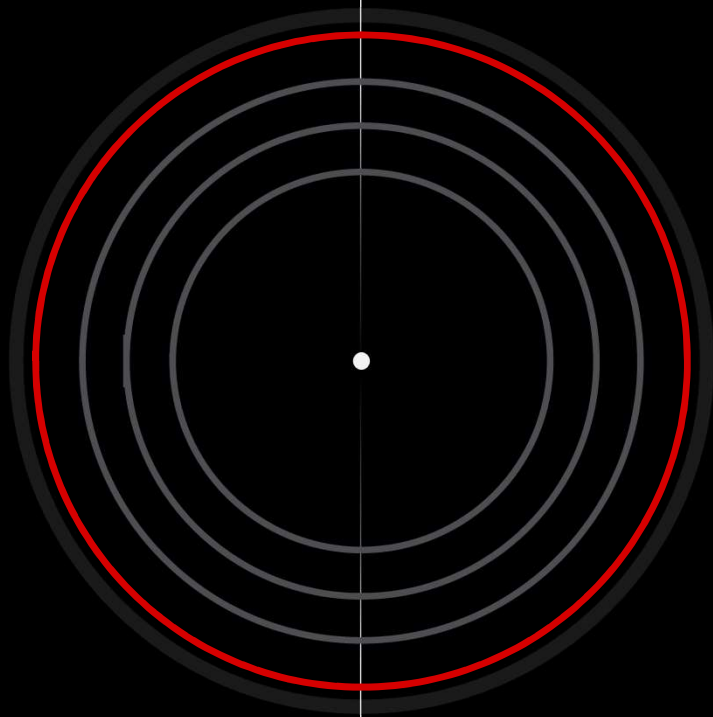




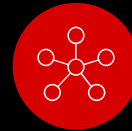
Application Delivery and Control (ADC)

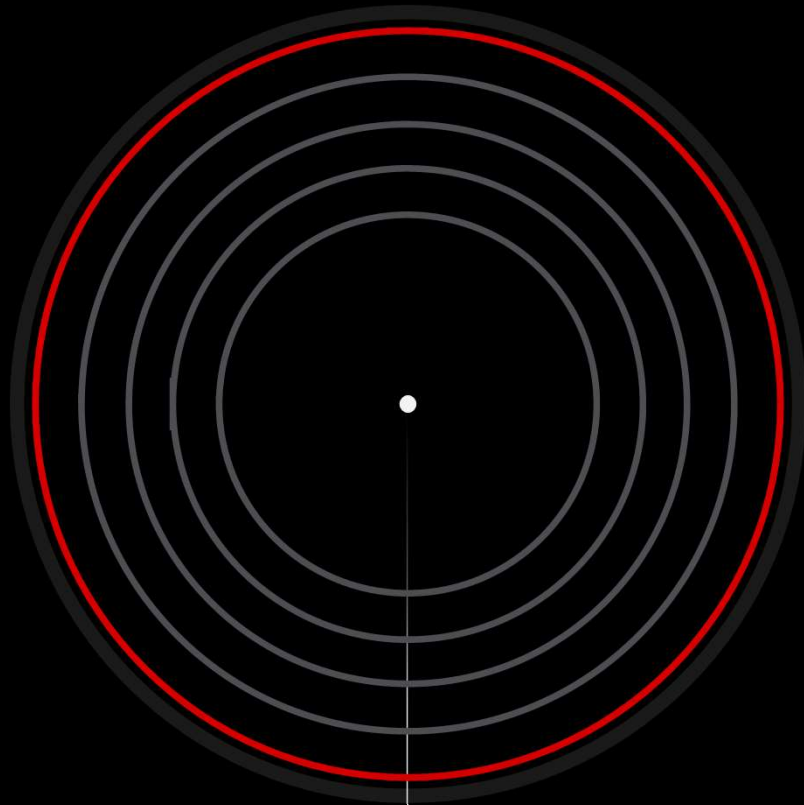
A category invented by F5



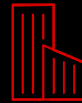


Application Services





Multi-Cloud



On-prem



Private
Cloud



Public
Cloud



Co-located



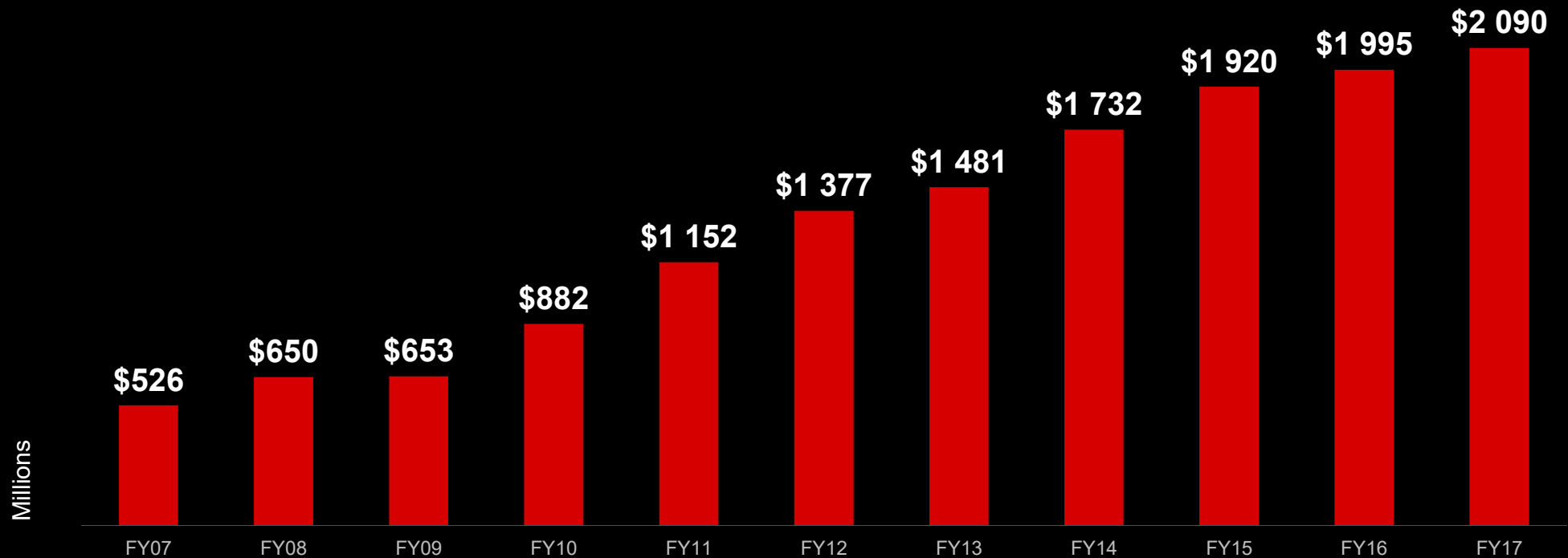
SaaS



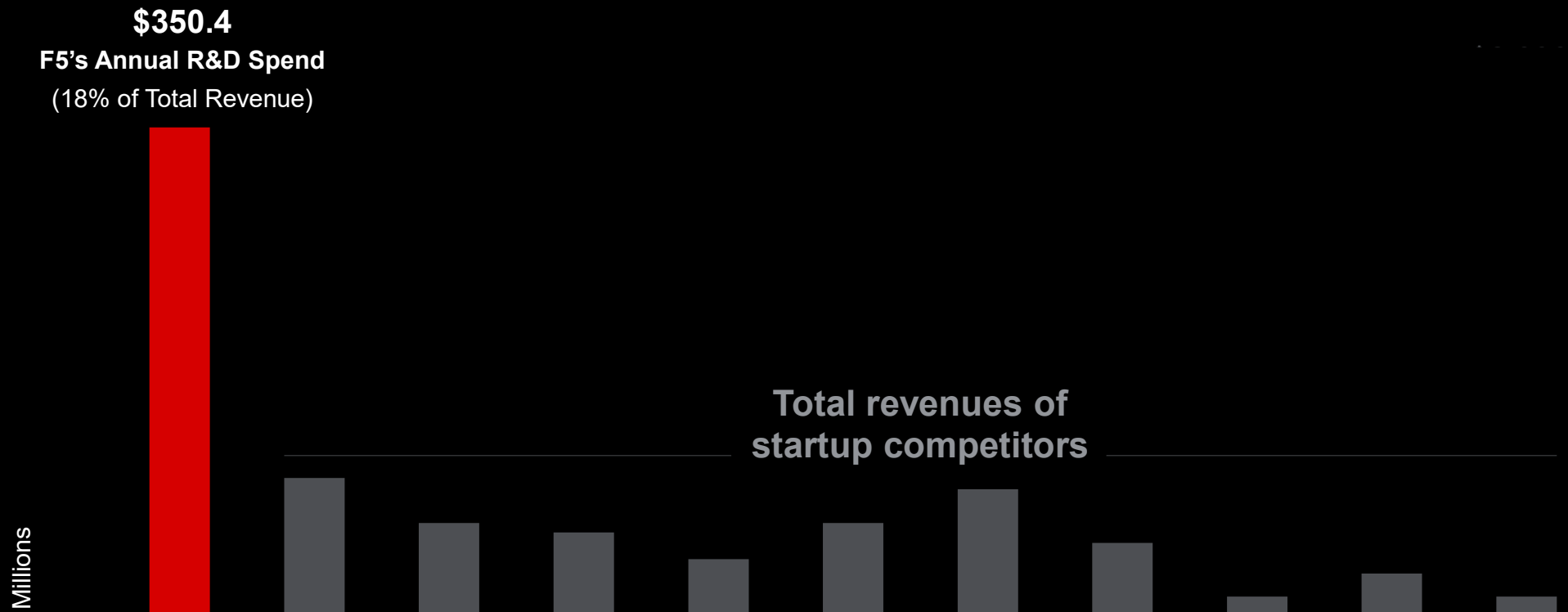
Containers

F5 Track Record Speaks for Itself

FINANCIAL SNAPSHOT



R&D Fueled Innovation



A world map rendered in a dotted, pixelated style on a dark background. Numerous red location pins are scattered across the map, indicating office locations. There is a high concentration of pins in North America, particularly in the United States and Canada. Other significant clusters are visible in Europe and Asia. A few isolated pins are also present in South America, Africa, and Australia.

**Trusted 24/7 Support with
Offices Around the Globe**



15 / 15

Top European
Commercial Banks



9 / 10

Biggest European
Retail Companies



9 / 10

Largest European Life
Insurance Companies



10 / 10

European Fixed Line
Telco Companies



10 / 10

European Mobile
Operators



10 / 10

European Automotive
& Parts Companies



8 / 10

European Oil & Gas
Companies



9 / 10

European Pharma &
Biotech Companies



London
Stock Exchange

95 / 100

FTSE 100
companies

Gartner Magic Quadrant for ADC

Figure 1. Magic Quadrant for Application Delivery Controllers

F5 Networks Positioned as a Leader in 2016 Gartner Magic Quadrant for Application Delivery Controllers*

F5 is highest in execution within the Leaders Quadrant.

* Gartner, Magic Quadrant for Application Delivery Controllers, Andrew Lerner, Joe Skorupa, Danilo Ciscato, 29 August 2016



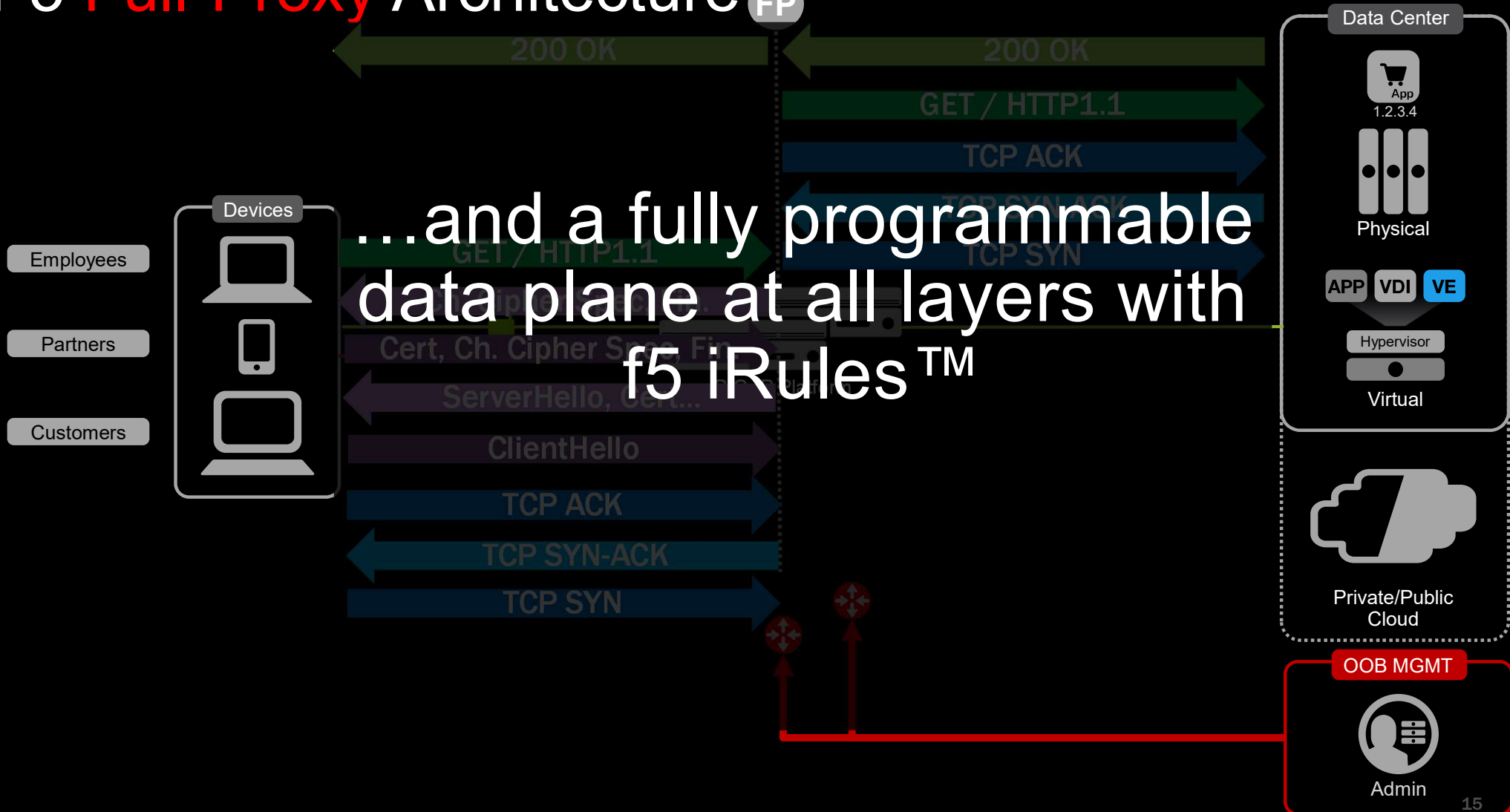
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FULL-PROXY

(The world's first full-proxy, run-to-completion, traffic-management microkernel)

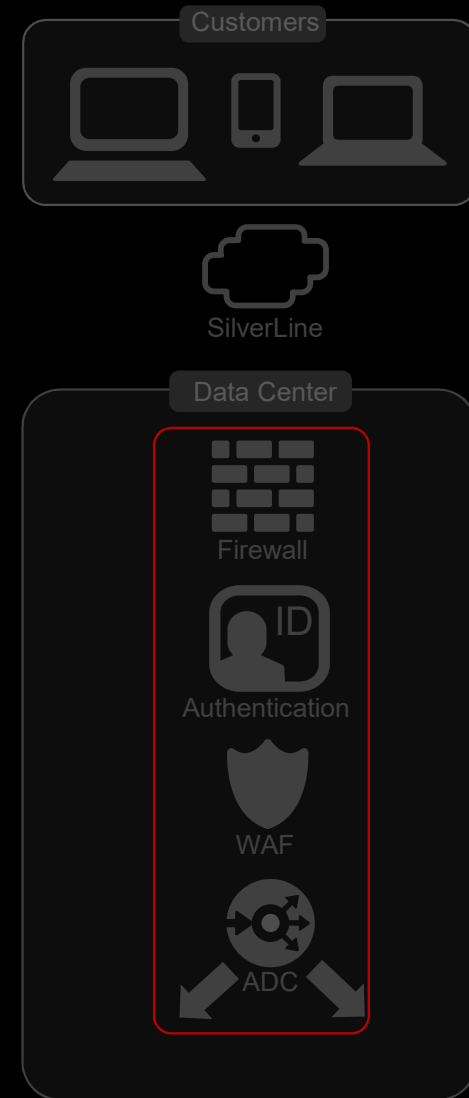


F5 Full-Proxy Architecture FP



F5 Platforms

Physical, Virtual, Hybrid



BIG-IP iSeries **Hardware Platforms**

World's Most Programmable Cloud-Ready ADC

DevOps like agility with the scale, security depth, and investment protection needed for both established and emerging apps



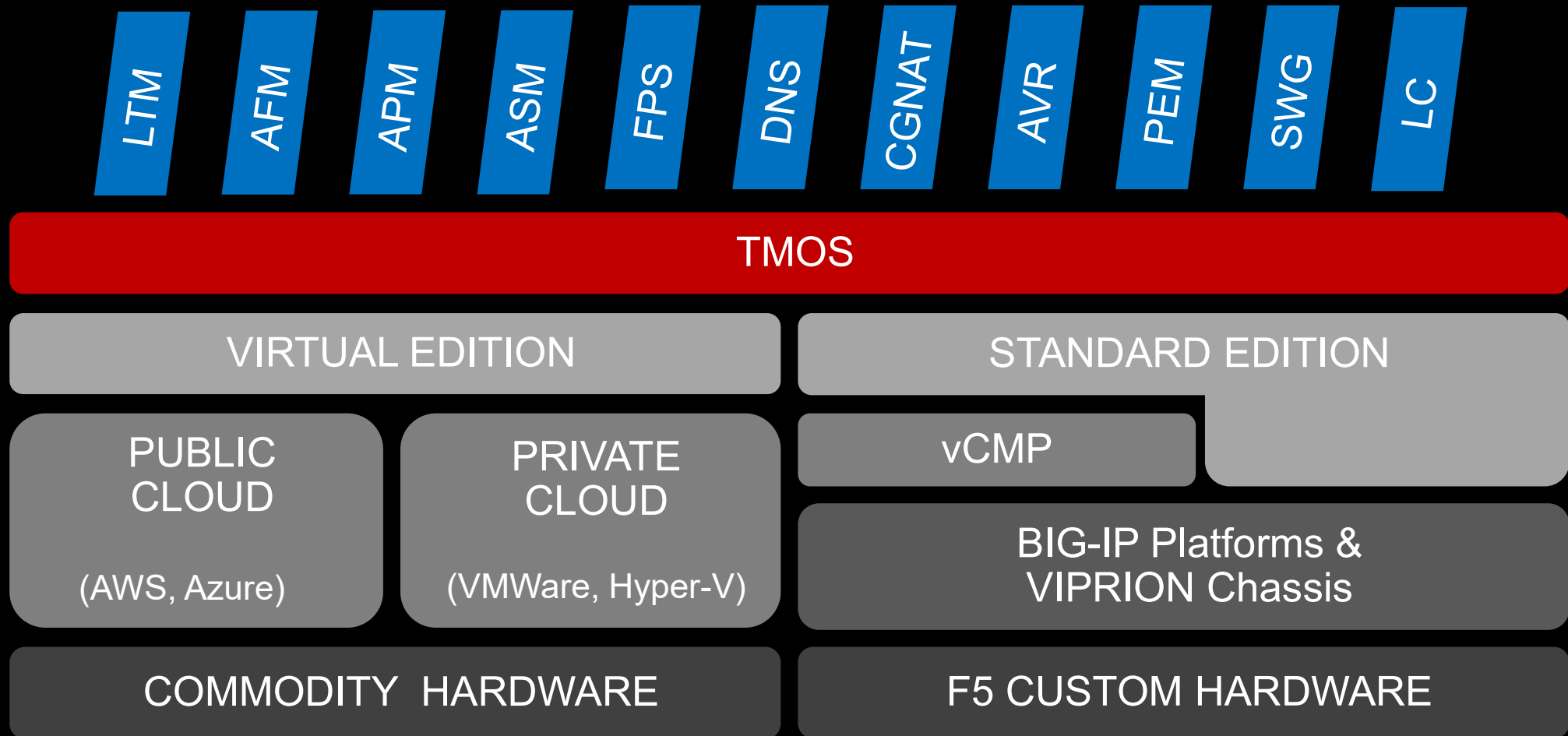
BIG-IP Platform Generations

2004	2008	2012	2016
1500 v9.0.0 – v10.2.4	1600 v9.4.5 –	2000s 2200s v11.2.1 -	i2600 i2800 v12.1.2 -
3400 v9.0.0 – v10.2.4	3600 v9.4.5 –	4000s 4200v v11.2.1 -	i4600 i4800 v12.1.2 -
6400 v9.0.0 – v11.1.0	3900 v9.4.8 –	5050s 5250v v11.4.0 -	i5600 i5800 v12.1.2 -
6800 v9.0.4 – v11.1.0	6900 v9.4.6 –	7050s 7250v v11.4.0 -	i7600 i7800 v12.1.2 -
8400 8800 v9.4.0 – v11.1.0	8900 8950 v9.4.7 –	10050s 10250v v11.3.0 -	i10600 i10800 v12.1.2 -
	11000 11050 v11.0.0 –	10350v v11.5.4 –	i10800 v12.1.2 -

Major Release and Long-Term Stability Release versions	First customer ship	End of Software Development	End of Technical Support	Latest maintenance release
15.1.x	December 11, 2019	December 11, 2024	December 11, 2024	15.1.0
15.0.x	May 23, 2019	August 23, 2020	August 23, 2020	15.0.1
14.1.x	December 11, 2018	December 11, 2023	December 11, 2023	14.1.2
13.1.x	December 19, 2017	December 19, 2022	December 19, 2023	13.1.3
12.1.x	May 18, 2016	May 18, 2021	May 18, 2022	12.1.5
11.6.x	May 10, 2016 ¹	May 10, 2021	May 10, 2022	11.6.5

Software compatibility matrix: <https://support.f5.com/csp/#/article/K9476>

F5 Platform Options



Version Plus License Enforcement – VE – 15.1

- Starting with BIG-IP 11.4.1, you can purchase all BIG-IP VE SKUs with Version Plus licenses.
- Version Plus licenses enables you to use BIG-IP VE with perpetual usage. However, upgrades are limited to software versions within a pre-established range of software releases.
- BIG-IP v15.1.0 is the first release in which you might be impacted by existing Version Plus licenses.
- For example, if you are running with v12.x licenses, the licenses will not work after upgrade to v15.1.0.
- [K15643: BIG-IP VE license offerings](#).


SKU version	Supported BIG-IP release versions
V18	12.1.0 - 18.x.x
V16	11.6.0 - 16.x.x
V13	11.4.1 - 15.x.x
V12	11.4.1 - 14.x.x, 15.0.1 ¹

1A V12 SKU license can be activated and used in 15.0.1, but it will not run in subsequent versions of 15.x.x.



F5 Licensing: **Good**

Good Offering

Modules/Services	Good	
BIG-IP Local Traffic Manager		<ul style="list-style-type: none">• Load balancing and monitoring• Application Visibility and Monitoring• L7 intelligent traffic management• Core protocol optimization (HTTP, TCP, SPDY, SSL)• SSL proxy and services• IPv6 support• Programmability (iRules, iCall, iControl, iApps)• ScaleN: On demand, application & operational scaling• AAM Core (Caching, Compression, Bandwidth Controller, more)• APM Lite (User Authentication, SSL VPN for 10 concurrent users)• SYN flood protection

What you get:

- Load-Balancing

F5 Licensing: **Better**

Better Offering			
Modules/Services	Good	Better	
BIG-IP Local Traffic Manager	✓	✓	<ul style="list-style-type: none"> Global server load balancing DNS services Real-time DNSSEC solution Global application high availability Geolocation DNS DDoS attack protection
BIG-IP Global Traffic Manager		✓	
BIG-IP Application Acceleration Manager		✓	
BIG-IP Advanced Firewall Manager		✓	
			<ul style="list-style-type: none"> Web performance optimization WAN optimization (data deduplication, FEC) Mobile optimization (smart client cache, image optimization) SaaS acceleration (reduce bandwidth usage & page load times)
			<ul style="list-style-type: none"> High-performance ICASA firewall Network DDoS protection Application-centric firewall policies Protocol anomaly detection

What you get:

- Load-Balancing
- Global Load-Balancing (DNS)
- Acceleration
- Network Firewall (L2-4)

F5 Licensing: **Best**

Best Offering			
Modules/Services	Good	Better	Best
BIG-IP Local Traffic Manager	✓	✓	✓
BIG-IP DNS (formerly known as GTM)		✓	✓
BIG-IP Application Acceleration Manager		✓	✓
BIG-IP Advanced Firewall Manager		✓	✓
BIG-IP Application Security Manager			✓
BIG-IP Access Policy Manager			✓

- PCI Compliant Web Application Firewall
- Web scraping prevention
- Integrated XML firewall
- Violation correlation & incident grouping
- Application DDoS protection

- 500 concurrent users, scalable up to 200K
- BYOD enablement
- Full Proxy for VDI (Citrix, VMware)
- Single sign-on enhancements (Identity Federation with SAML 2.0)

What you get:

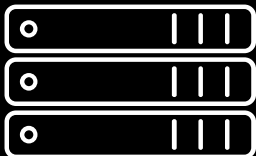
- Load-Balancing
- Global Load-Balancing (DNS)
- Acceleration
- Network Firewall (L2-4)
- Web Application Firewall (L7)
- Remote Access / Authentication

F5 Management



Public, private and hybrid cloud solutions

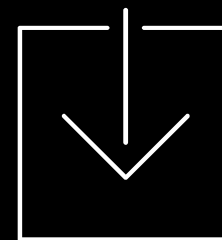
BIG-IQ Device **Management**



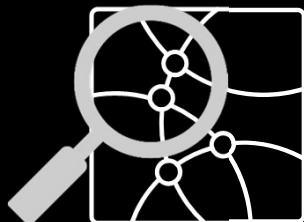
**Catalog and Inventory up to 400
BIG-IP devices**



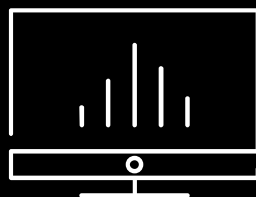
**Backup and restore images,
config and snapshots**



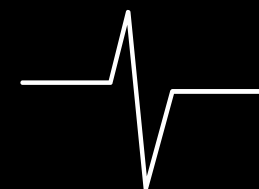
**Upgrade devices with
Upgrade advisor
and pre/post Checks**



**Cluster and
Sync Group Visibility**

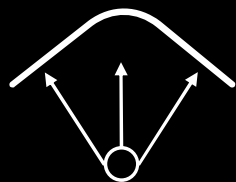


Group Devices

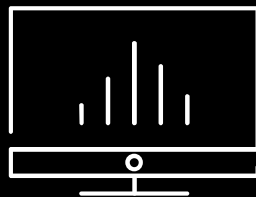


**iHealth integration
(aggregated and
searchable)**

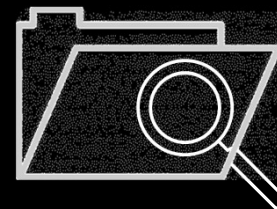
BIG-IQ Security **Management**



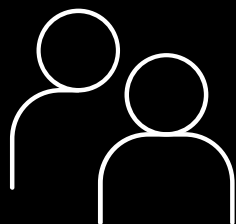
**Centralized Security Policies –
across Data Centers
across Clouds**



**Unified Security Dashboards
Reports and Alerts**



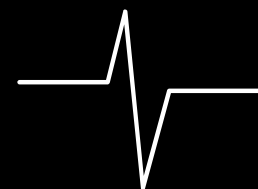
**Improve Compliance
with Enterprise-Wide
Audit Trails**



Role-Based Management



**Manage and Distribute
Signatures**



**Get a Unified View of
the Health of your
Security Devices**

Thank You