Secure your Apps
Protect your Data

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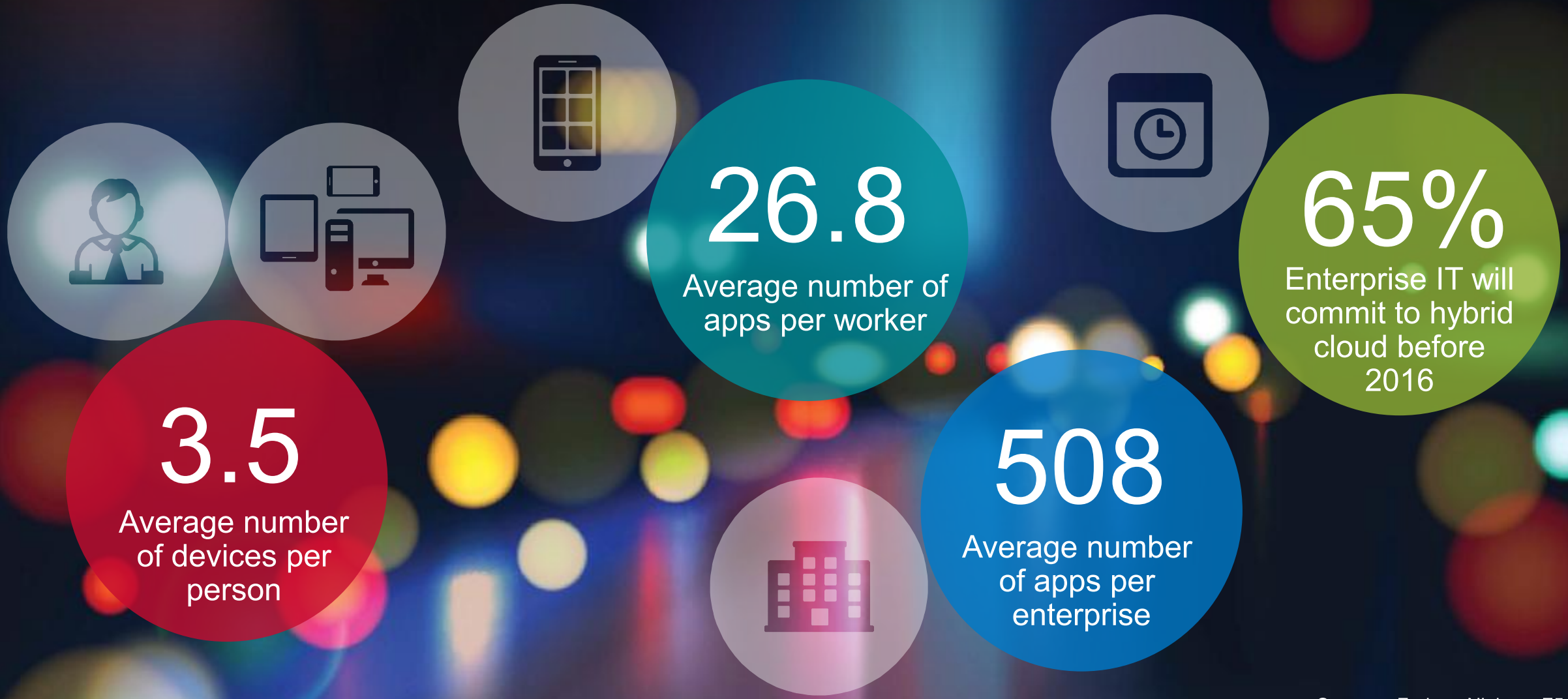
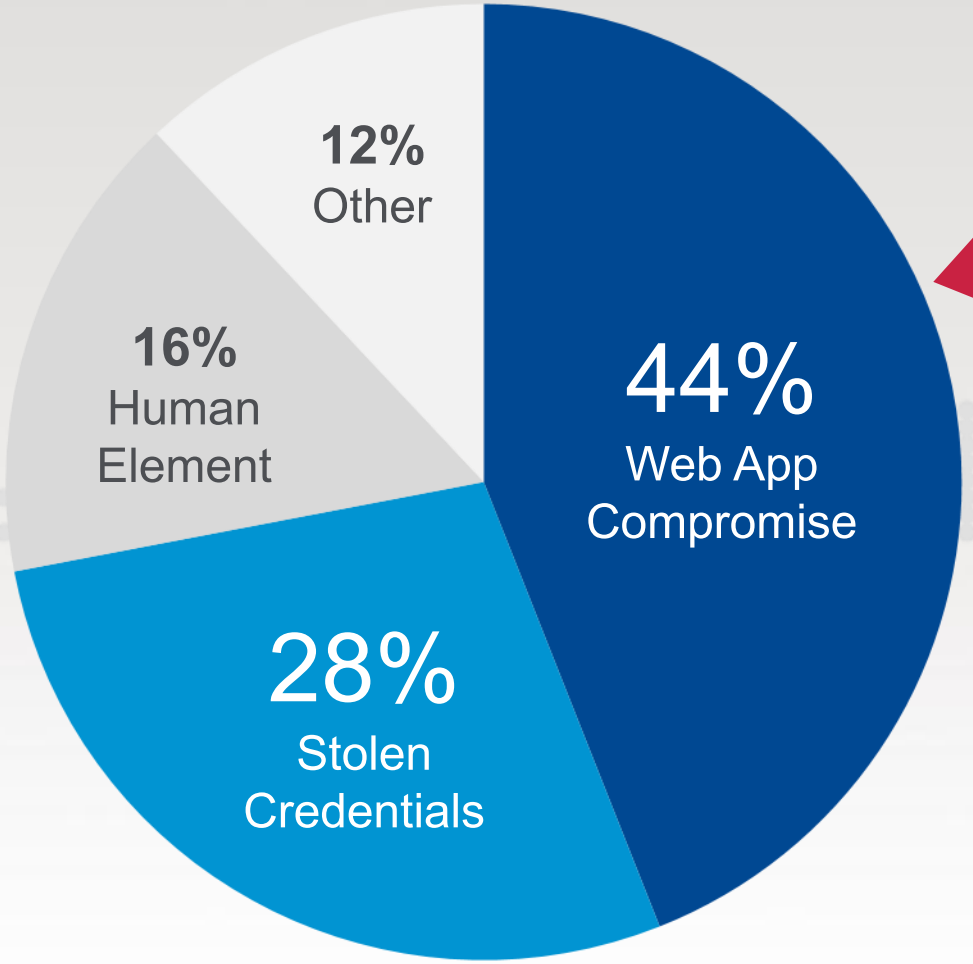
SOLUTIONS
FOR AN APPLICATION WORLD

Applications are driving the greatest innovations in today's business – and the greatest risk.



Sources: Forbes, Nielsen, F5, IDC

The most significant data breaches in the last 15 years were a result of application vulnerabilities.



72% Application Attacks

$270M Credit Card

514M Personal Information

151M Credentials

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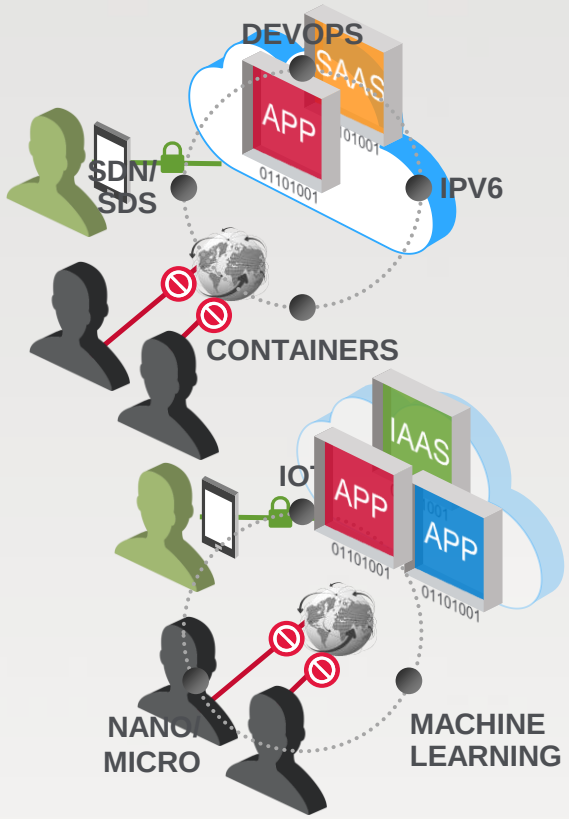
The Evolution of the Application



	1995	2000	2005	2010	2015
Users	40M	400M	1B	2B	3.2B
Apps	20K	9.5M	58M	207M	1B
	Client/Server	Internet Applications	Mobile Devices	Public Cloud	**Hybrid Cloud**
	Centralized Apps	Data Confidentiality	Mobility Malware Threats	Website Availability Threats	Blended Attacks

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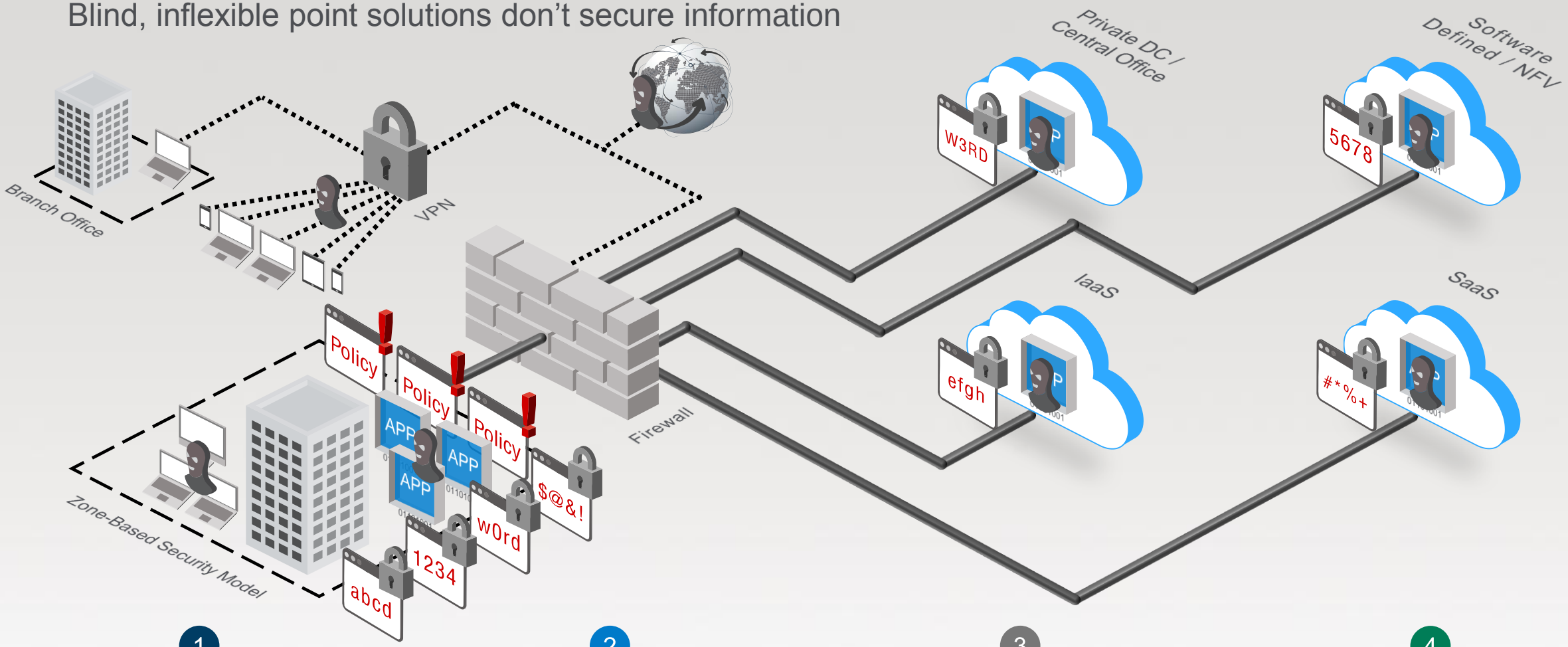
The Traditional Approach to Security is Inadequate

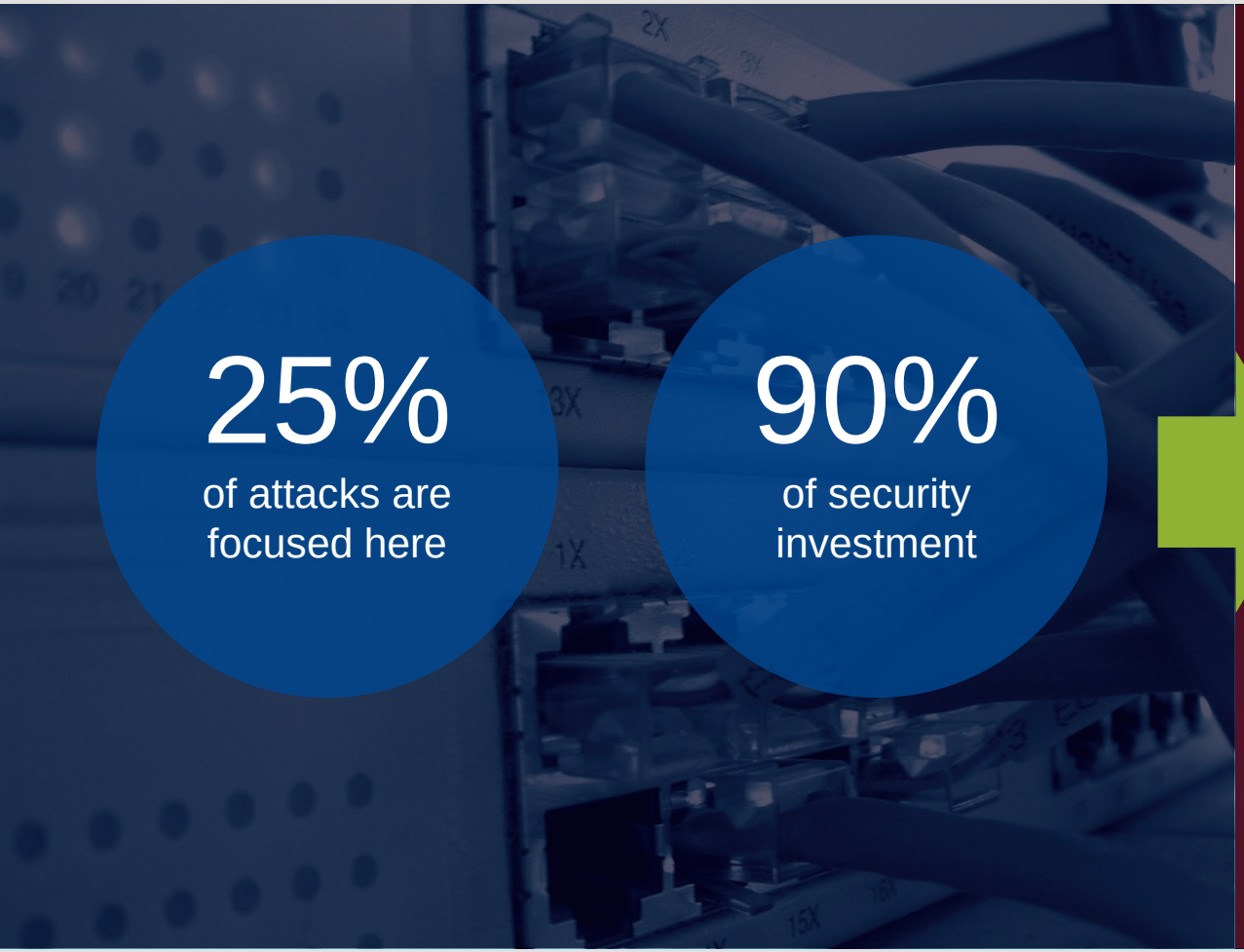
Blind, inflexible point solutions don't secure information



1	2	3	4
Cloud Migration	Growth in BYOD & Remote Workers	SSL Prevalence	Sophisticated Security Threats
Less control over user access and policies do not follow apps	**Overwhelming volume of application traffic**	**Traditional security solutions are blind to SSL traffic**	**Perimeter approach is no longer adequate**

The New Perimeter Is An App Perimeter

Network Threats



Application Threats

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F5’s Approach to Application Security

F5's Approach to Application Security

Protecting your Applications and Information – Wherever they reside

APPLICATION ACCESS | **APPLICATION PROTECTION**

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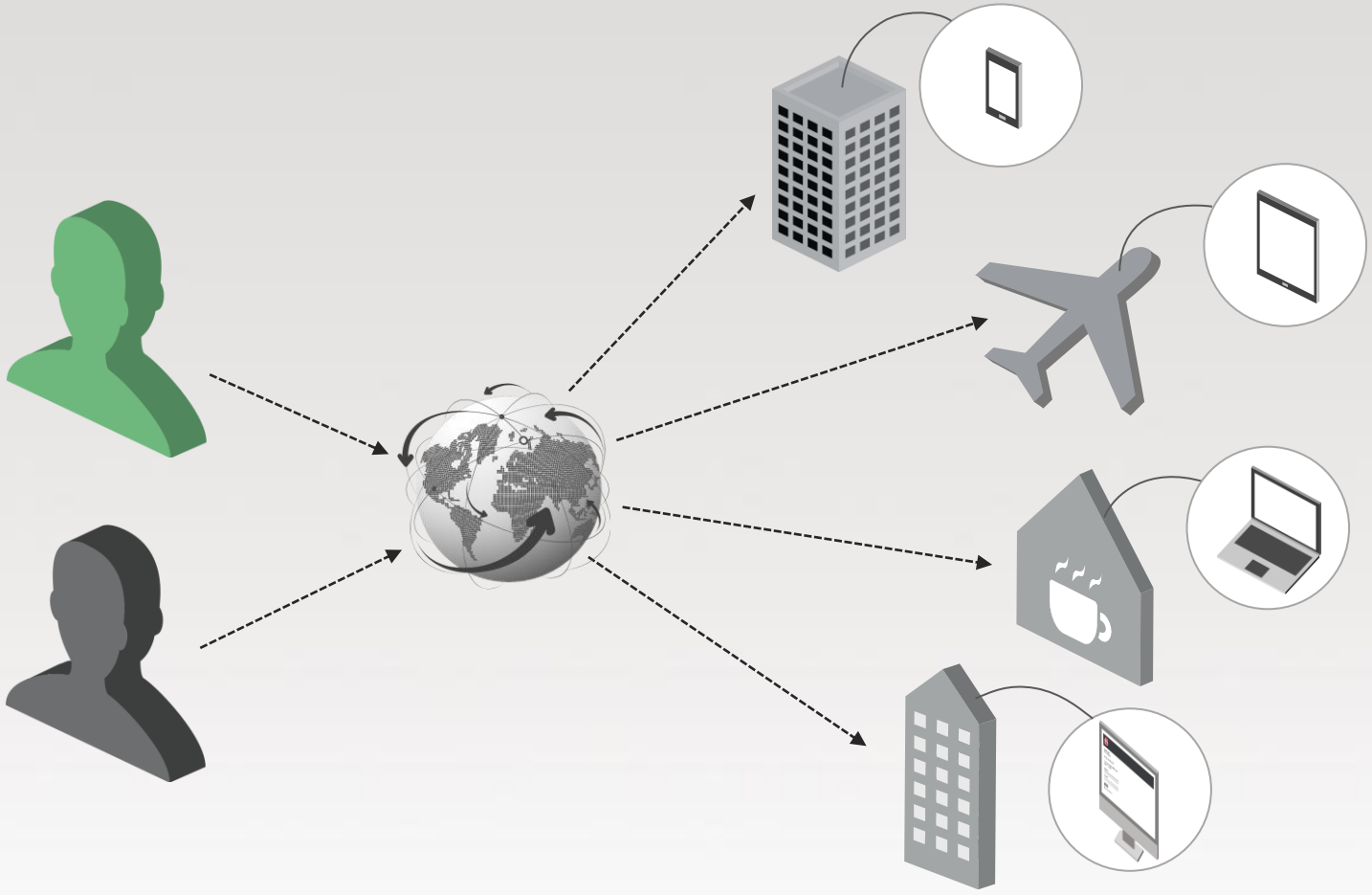
Any User, Any Device, from Any Location



USERS

LOCATIONS & DEVICES

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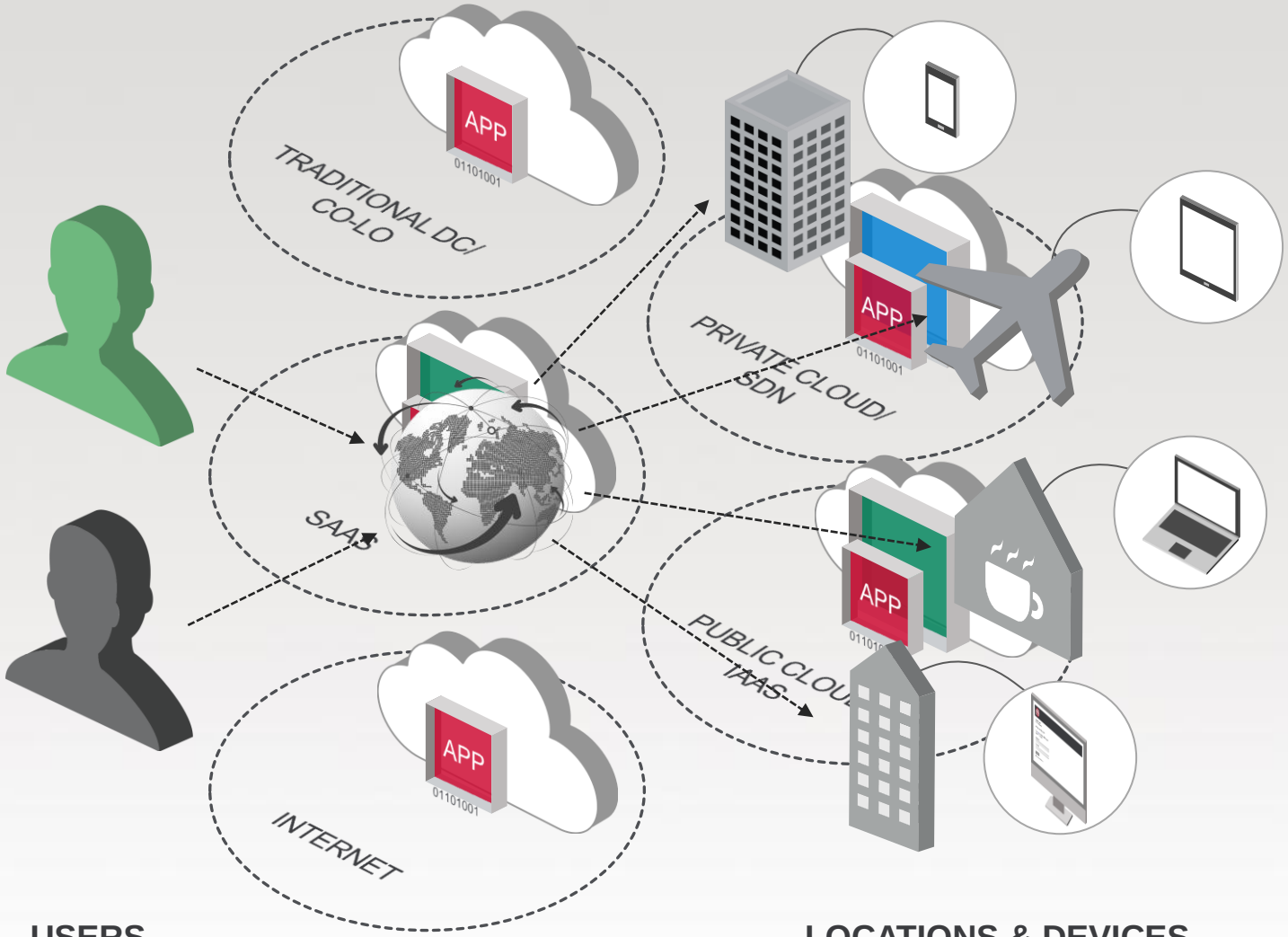
Any Application Wherever it Resides



Securing access from any user on any device

USERS

LOCATIONS & DEVICES

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F5 Connects Users and Devices Securely to All Applications

Securing access from any user on any device

Protecting your applications regardless of where they live

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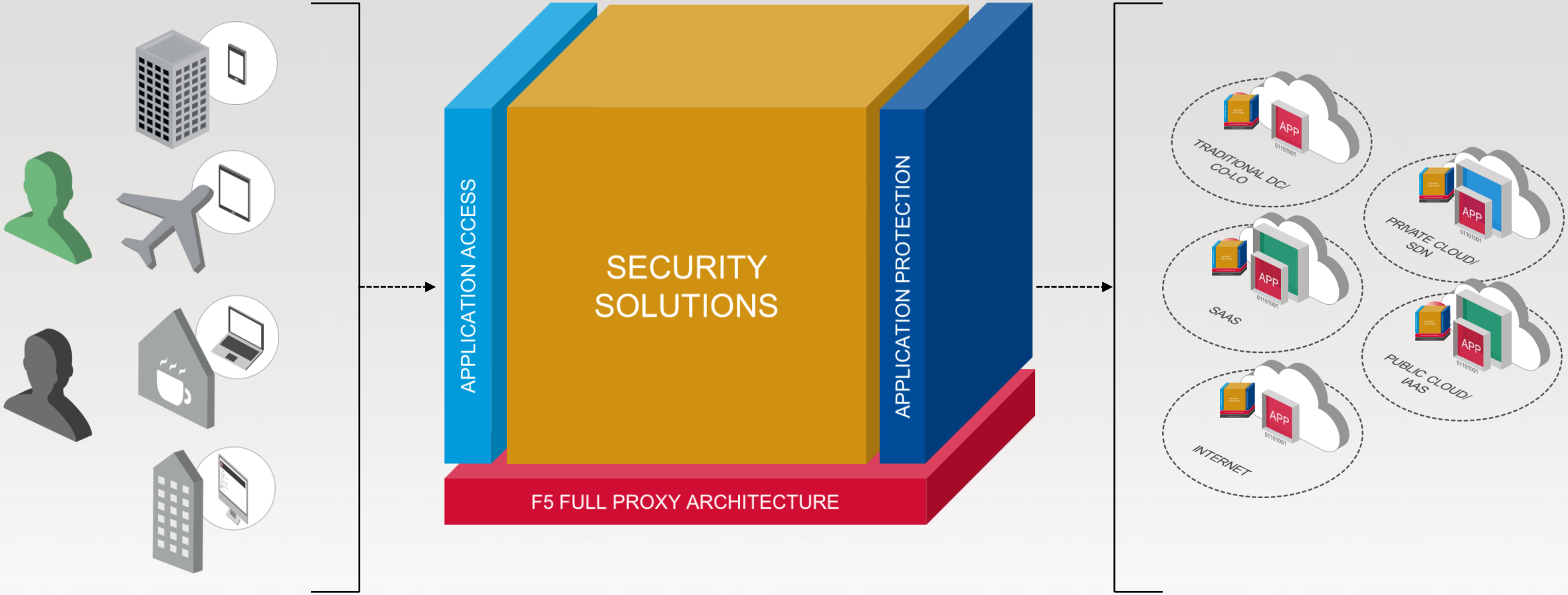
Built on F5's Full Proxy Architecture



Securing access from any user on any device

Protecting your applications regardless of where they live

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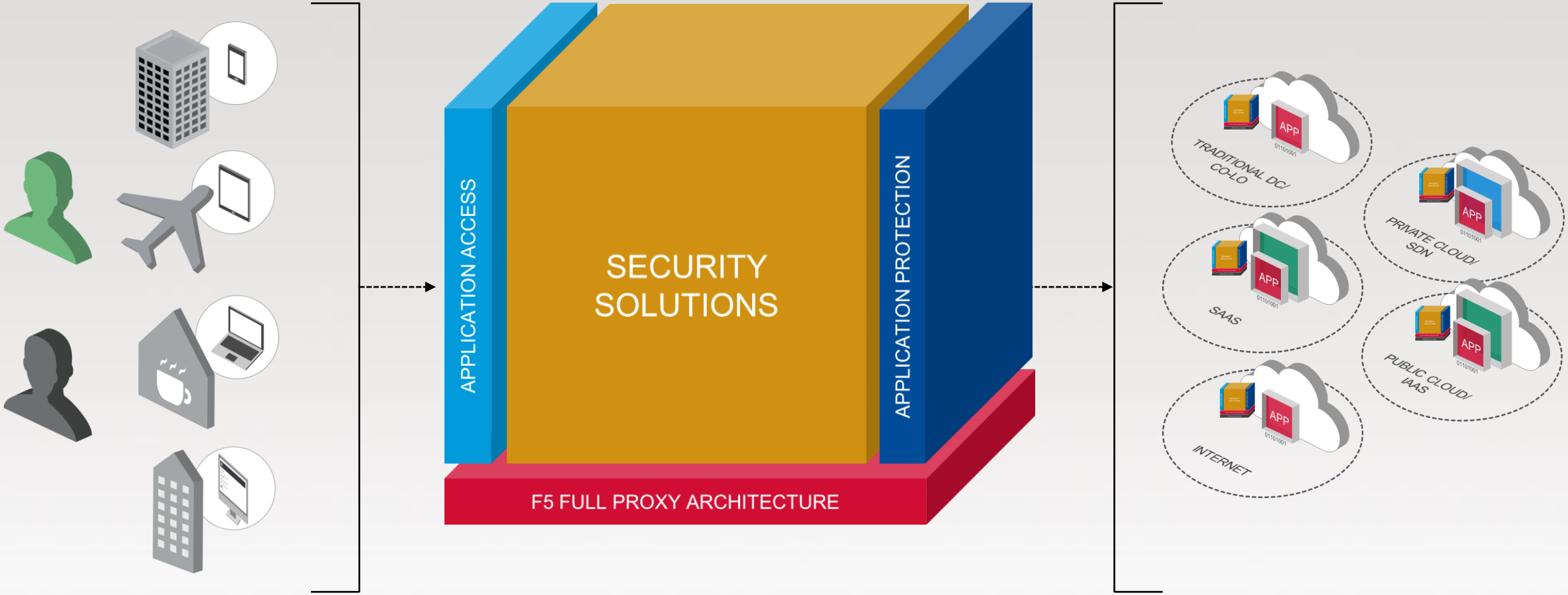
Comprehensive Application Security Solutions



Securing access from any user on any device

Protecting your applications regardless of where they live

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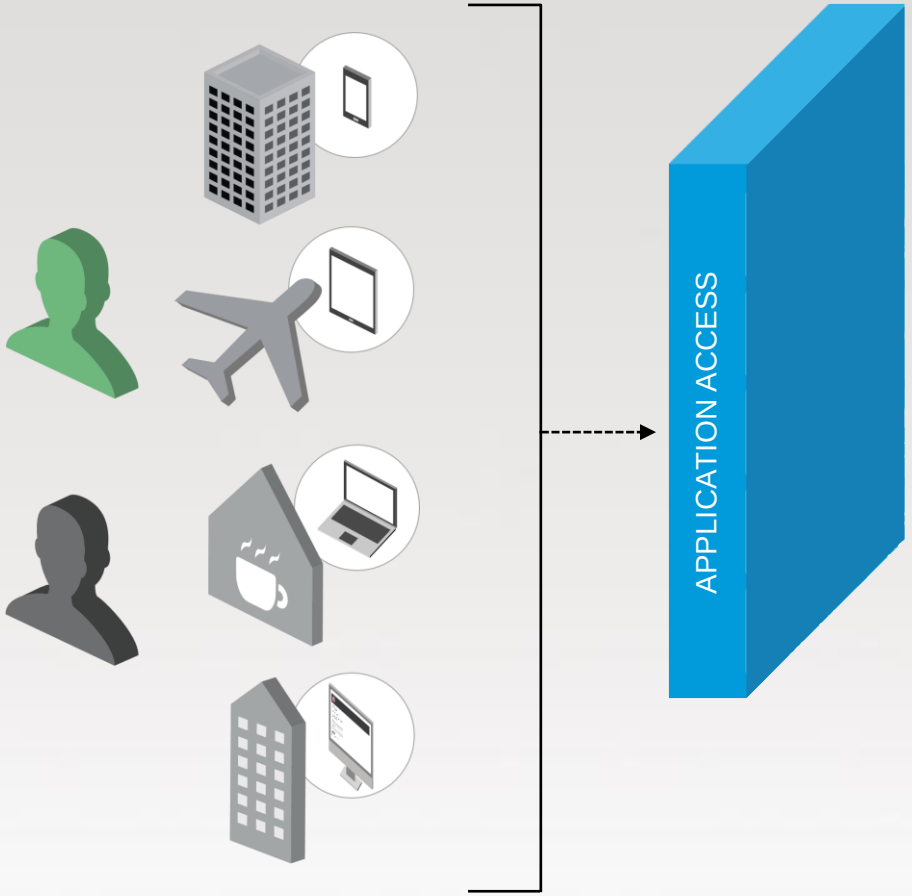
Application Access Capabilities



Securing access from any user on any device

Providing secure access to applications from any location

Protecting your applications regardless of where they live

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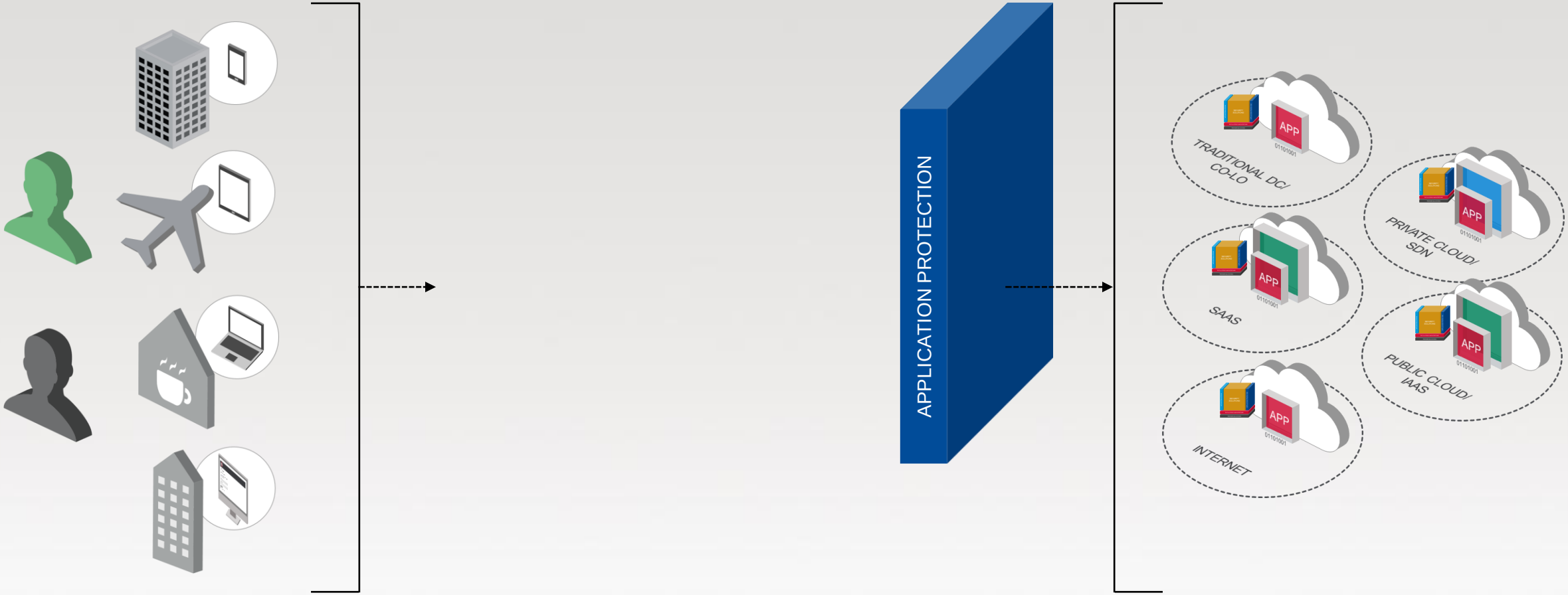
Application Protection Capabilities



Securing access from any user on any device

Providing protection to applications anywhere they reside

Protecting your applications regardless of where they live

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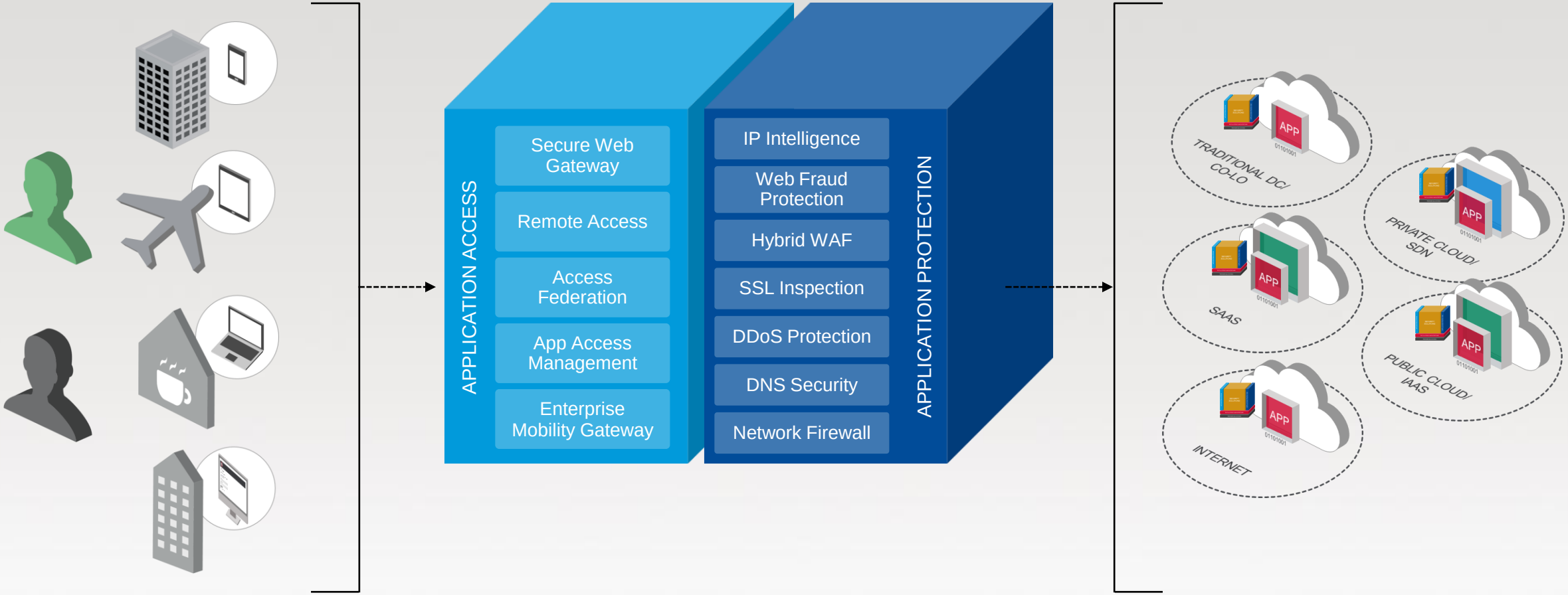
Application Protection Capabilities



Securing access from any user on any device

Strongest set of application security controls that reduce risk

Protecting your applications regardless of where they live

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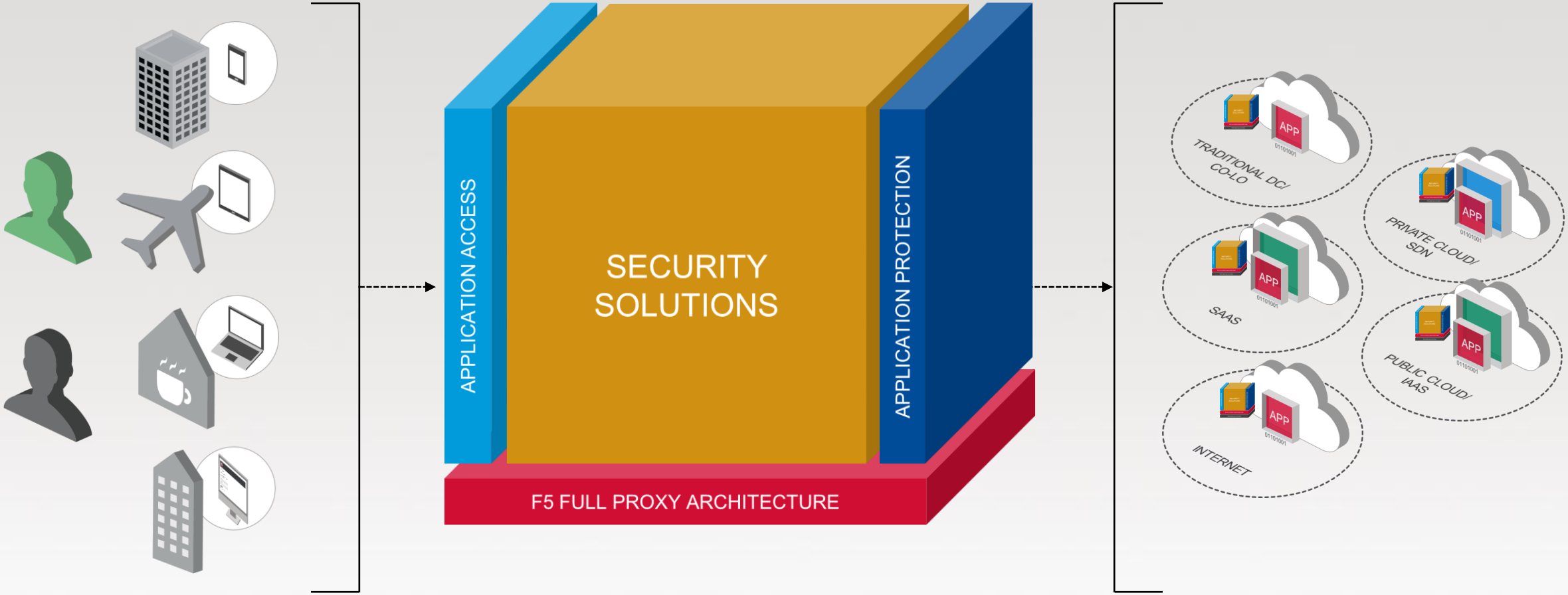
Comprehensive Application Security Solutions



Securing access from any user on any device

Protecting your applications regardless of where they live

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Security Solutions

Identity Federation	Dynamic, adaptive authentication and access based on user identity context
Hybrid WAF	Protects against Layer 7 Attacks with highest level of granularity
SSL Inspection	Highest level of SSL inspection and performance for confidentiality and speed
DDoS Protection	Stops threats in the cloud before they reach the network and datacenter
Web Fraud Protection	Delivering frictionless protection against online fraud

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F5 delivers unparalleled risk management, improved application performance and availability, a remarkably lower TCO, and an application security approach trusted by 90% of the Fortune 500.

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Solutions for an application world.