CUG.fi
Citrix User Group Finland

Citrix keynote

Missä mennään tällä hetkellä?

Jussi Pesonen

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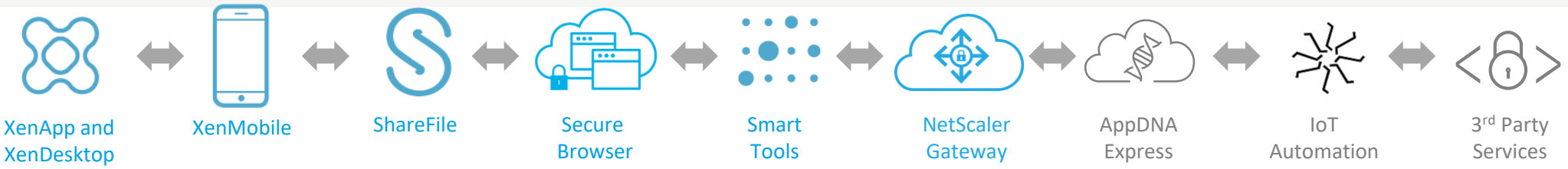
CITRIX® Cloud



Now available in EMEA region!

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Service	US	EU
Citrix Cloud region	Yes	Yes
XenApp & XenDesktop Service	Yes*	Yes*
XenDesktop Essentials Service	Yes*	Yes*
XenApp Essentials Service	Yes*	Yes*
Secure Browser Service	Yes*	Yes*
Cloud StoreFront	Yes*	Yes*
XenMobile Service	Select from multiple locations with the chosen Citrix Cloud region.	
ShareFile	Select from multiple locations with the chosen Citrix Cloud region.	
App Layering	Yes	Uses US region
Smart Tools	Yes	Uses US region
Labs Services	Yes	Uses US region
NetScaler Services	Yes	Uses US region
NetScaler Gateway Access Nodes/POP	Multiple global nodes, traffic is routed as needed to ensure the best	

*Uses the chosen Citrix Cloud Region

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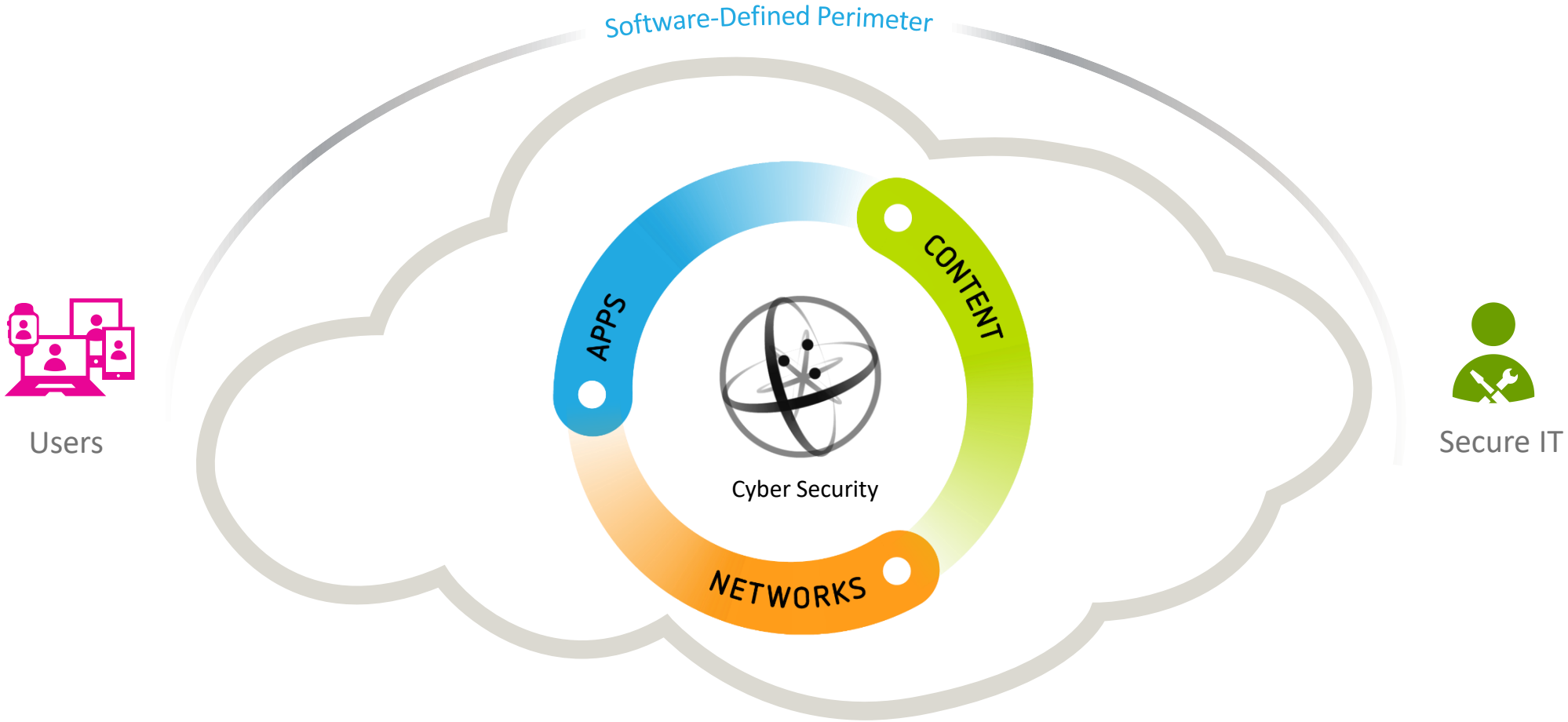
Citrix Secure Digital Workspace



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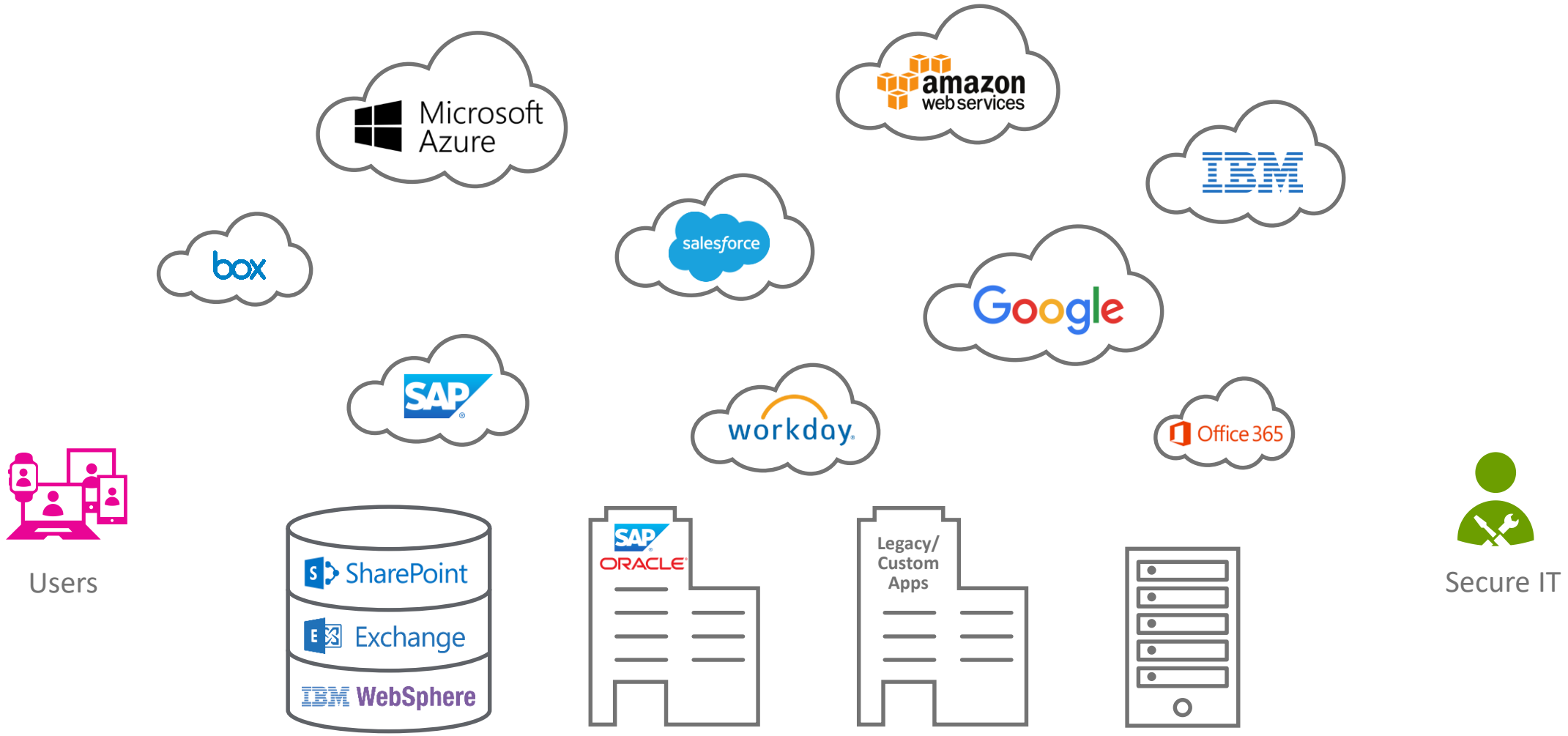

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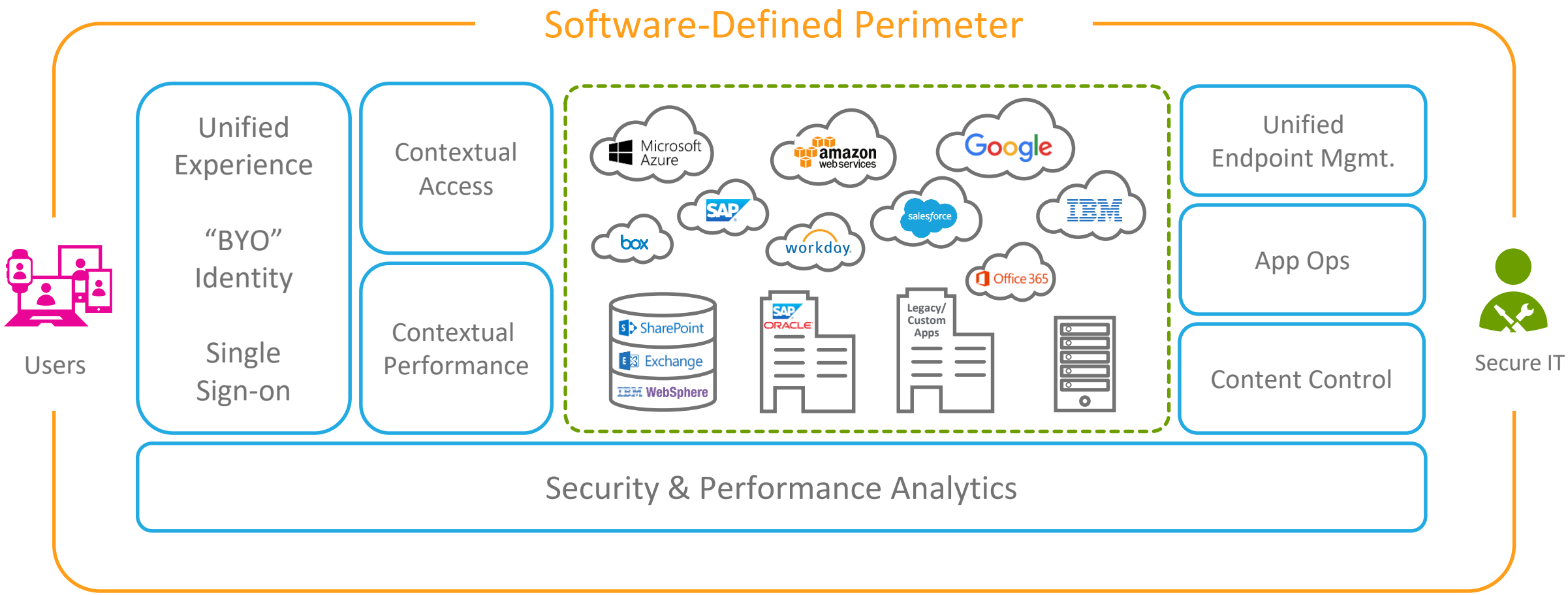
Citrix Secure Digital Workspace



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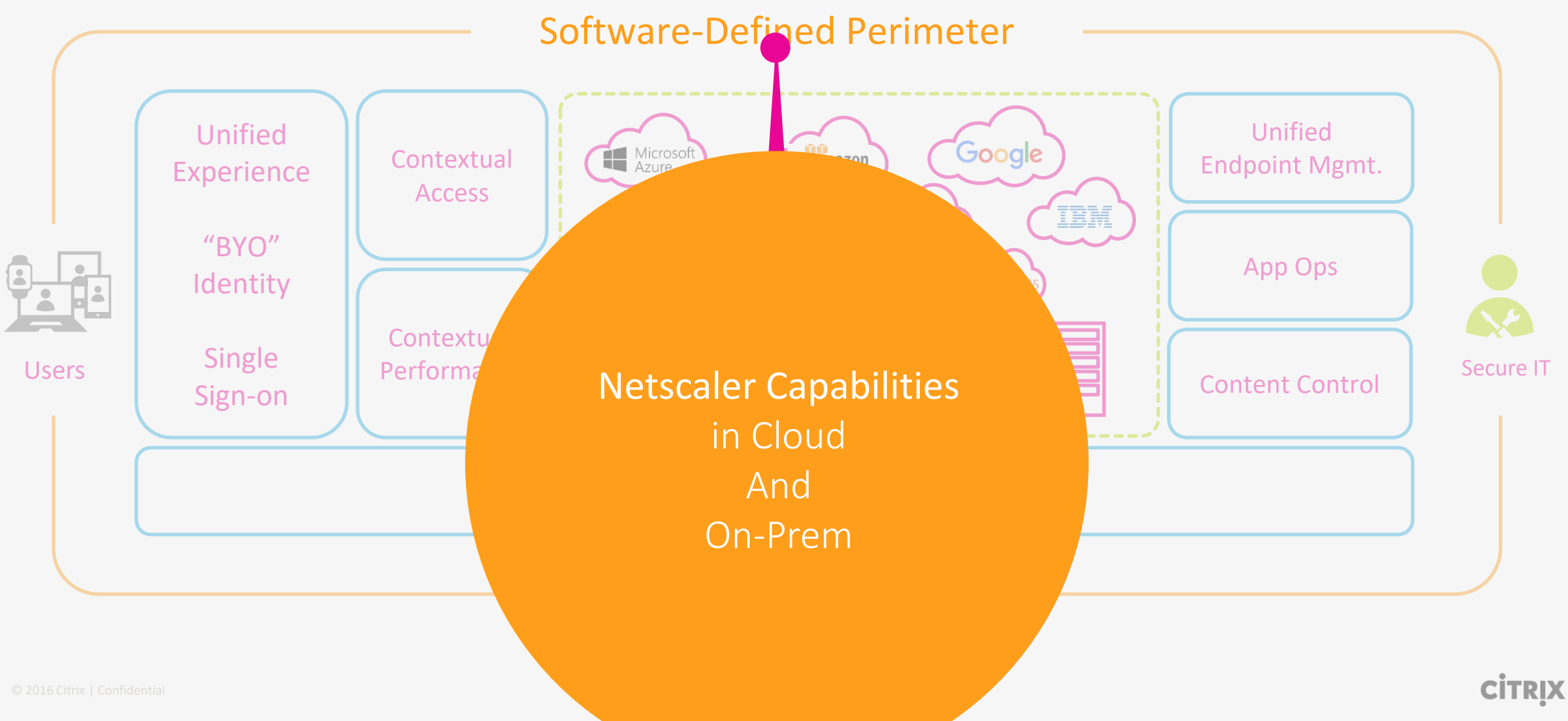
Citrix Secure Digital Workspace



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Believe

1. NetScaler is ready for the cloud
2. NetScaler Management and Analytics System (MAS) is everything
3. Security, Interoperability and Performance are the building blocks

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NetScaler 12.0

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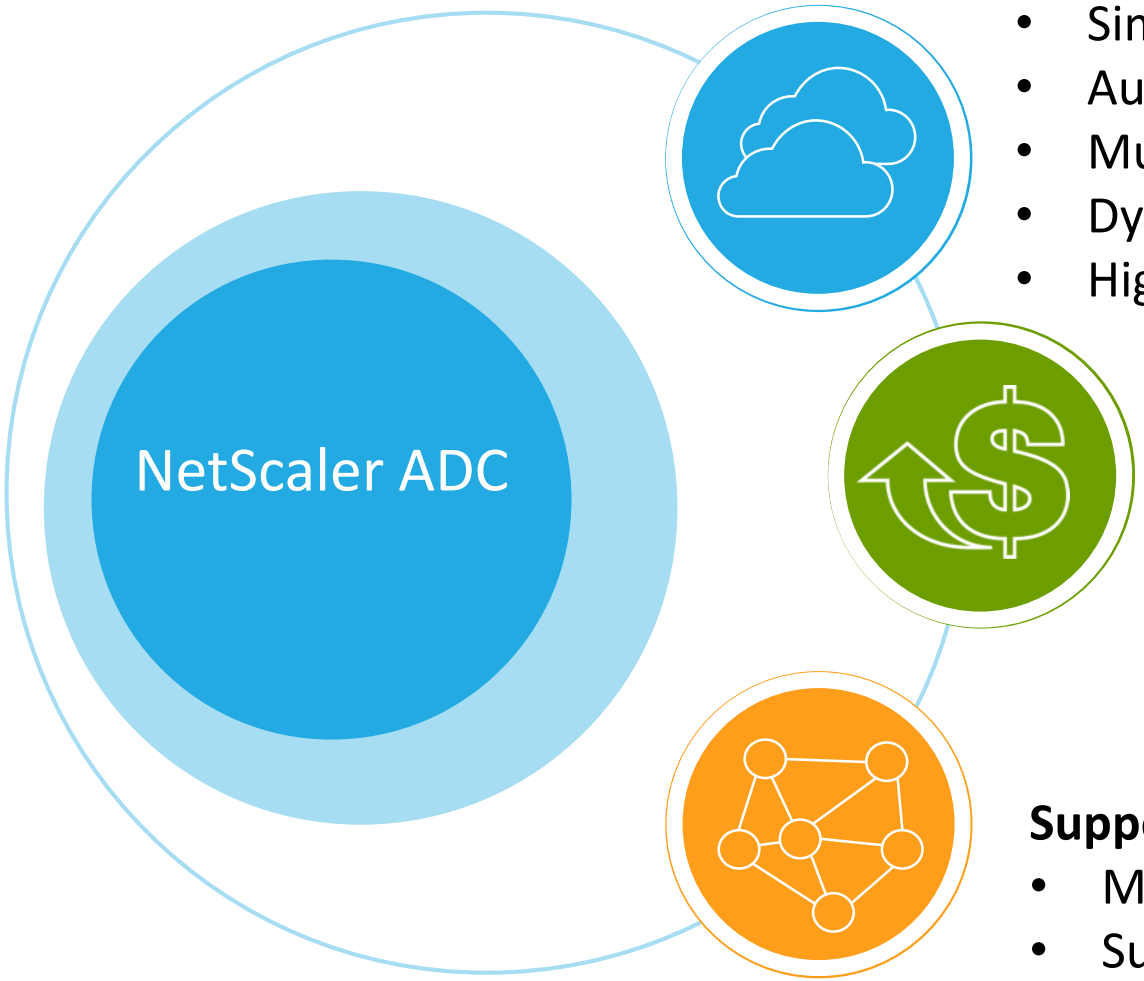
NetScaler 12.0 ADC



Deploy in the cloud with ease

- Simplified new instance config in AWS
- AutoScale integration in AWS
- Multi-NIC/IP support for Azure
- Dynamic licensing allocation
- High performance ingress CPX for Kubernetes

Dramatically improved price performance

- 3x improved VPX performance for SSL
- 3x bulk encryption on MPX/SDX FIPS
- Improved handling for ECDHE

Support IoT initiatives

- MQTT
- Support any protocol

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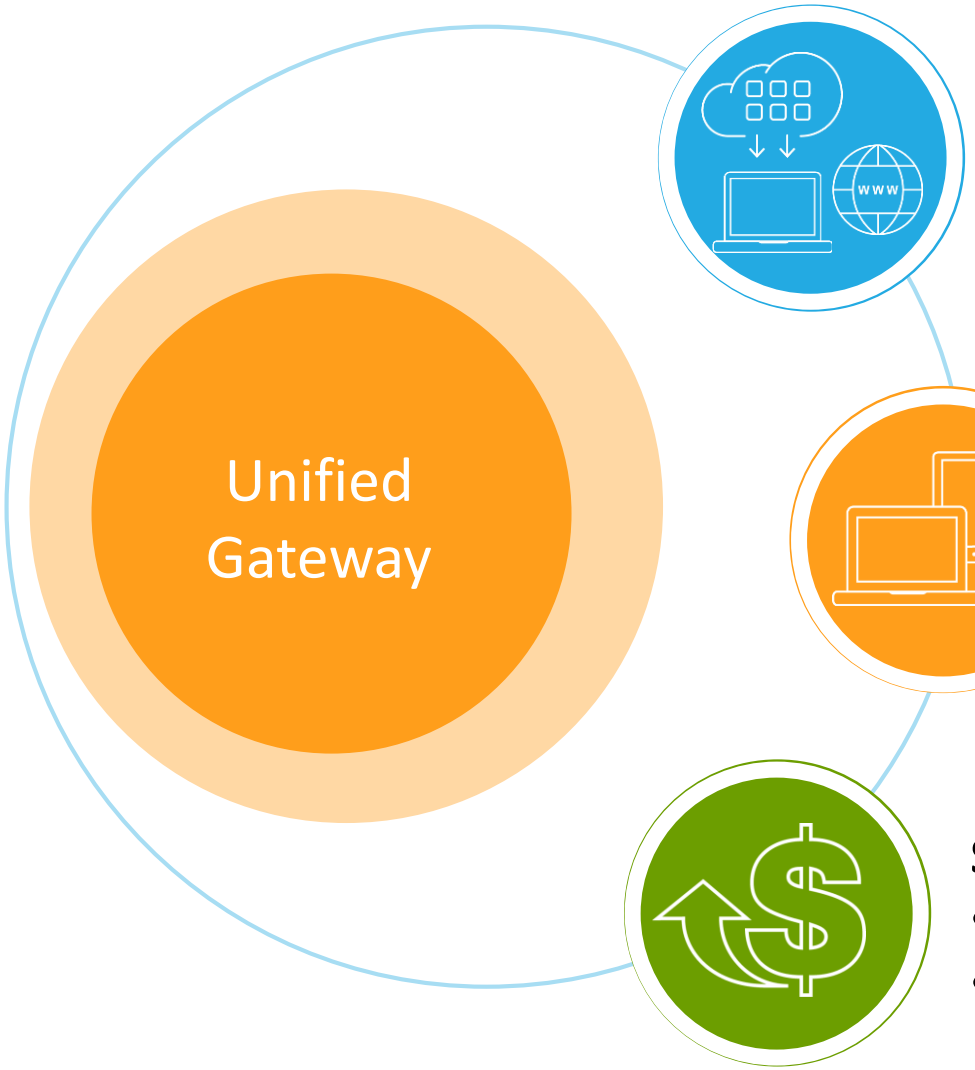
NetScaler 12.0 Unified Gateway for Cloud and SaaS



Move to cloud and SaaS

- NGS scalability and user- experience

Heterogeneous VDI Environment

- PCoIP in addition to RDP
- EDT for XA/XD

Support for multi-MDM/MAM solutions

- Microsoft Intune
- iOS and Android

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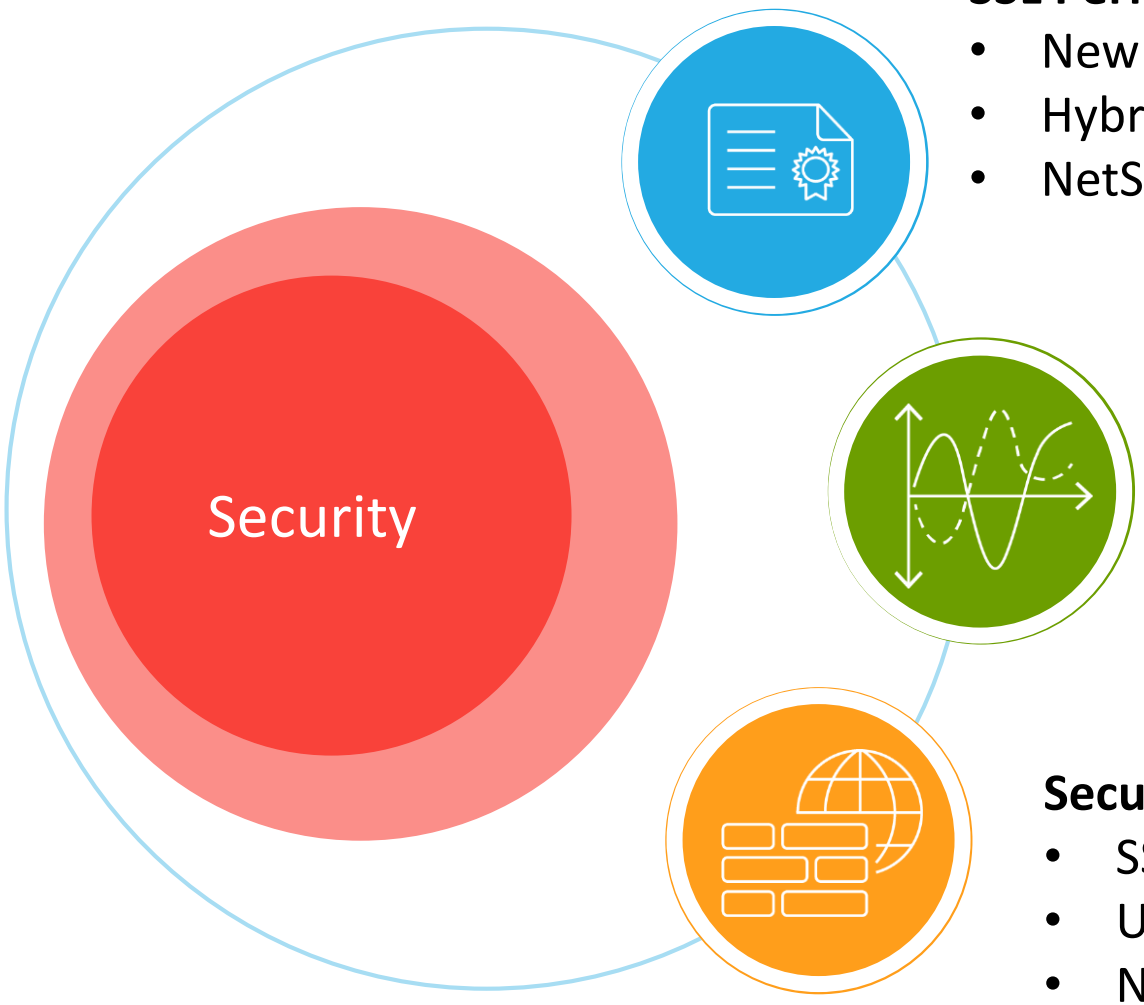
NetScaler 12.0 Security



SSL Performance

- New Ciphers, Hybrid SSL
- Hybrid FIPS/SDX FIPS
- NetScaler MAS: SSL Insight

DNS Update

- DDoS Protection
- Reserve System memory
- DNS Security Profile

Secure Web Gateway

- SSL Visibility
- URL Filtering
- NetScaler MAS: User Behavior Analytics

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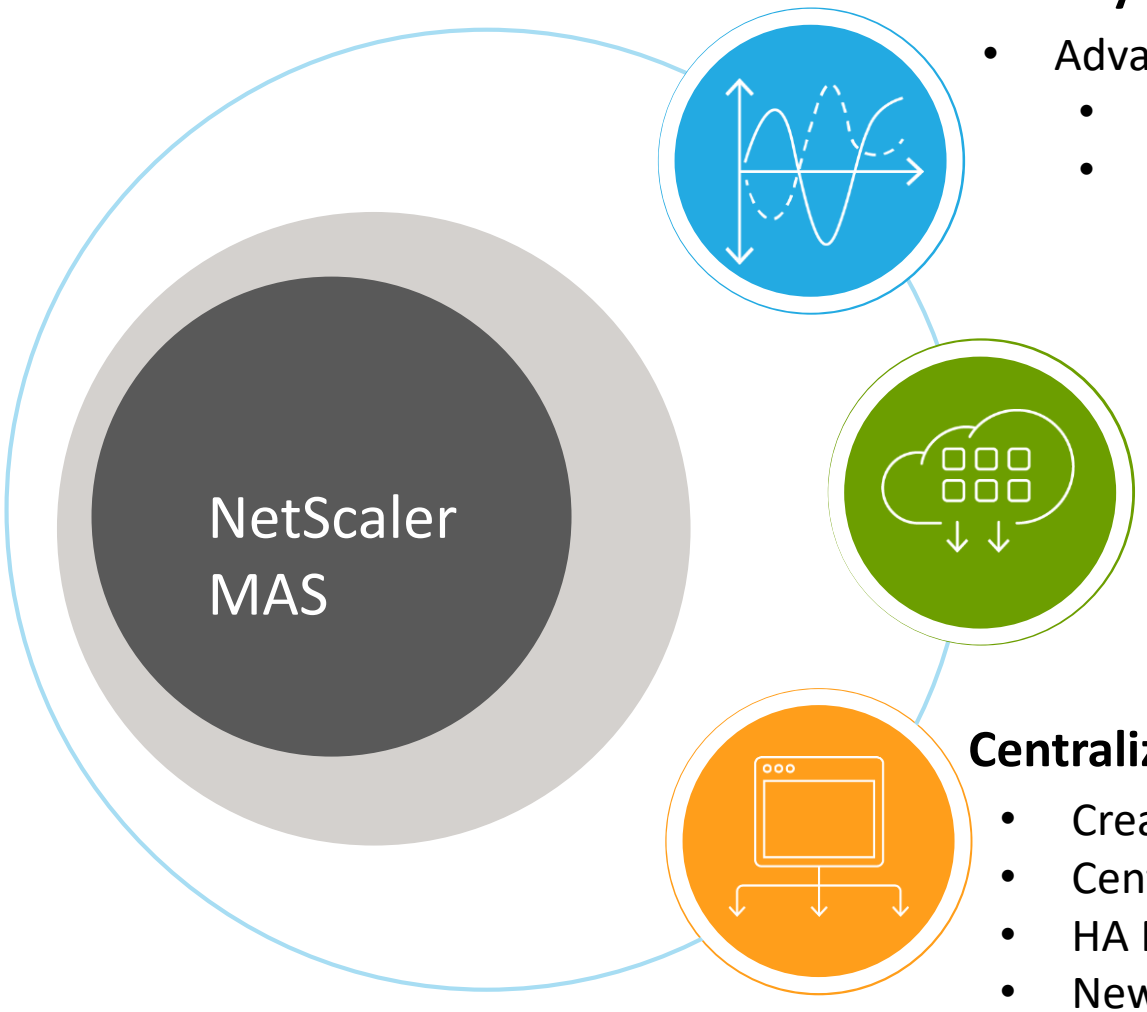
NetScaler MAS 12.0



Visibility and Analytics

- Advanced Analytics and Anomaly Detection for
  - Troubleshooting applications
  - Security threats – DNS flood, syn attacks

App-Centric Lifecycle

- App health monitoring
- App dashboard
- App security dashboard
- Stylebooks for enterprise apps

Centralized Management

- Creation and export of perf reports
- Central licensing
- HA Proxy support
- New integrations: Cisco ACI, VMWare NFV&NSX, Kubernetes, OpenStack

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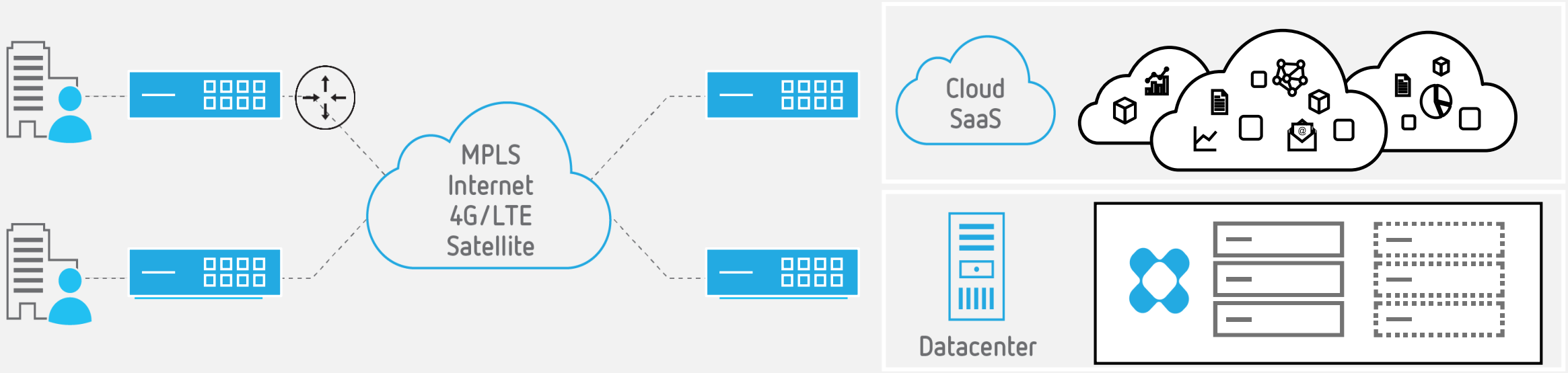
NetScaler SD-WAN



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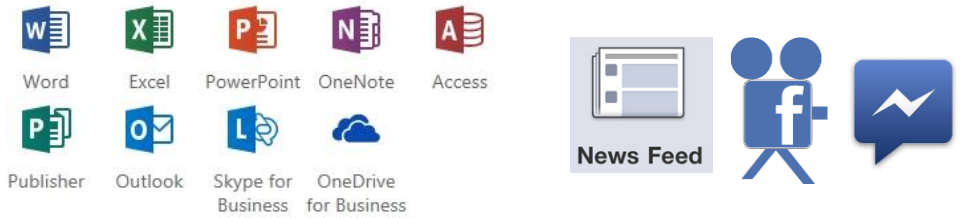
Application Awareness with NetScaler SD-WAN

What Other's See

Office 365

What NetScaler SD-WAN Sees



4,000+ applications, grouped into categories

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Next

Network Services

ACCESS SERVICES

NetScaler Gateway

Secure Access and Identity Management

APP DELIVERY SERVICES

Coming soon

NetScaler Web App Security

Web App firewall to protect against application layer web attacks

MANAGEABILITY

NetScaler Management & Analytics

Centralized management, analytics, & provisioning of NetScaler and 3rd party ADC

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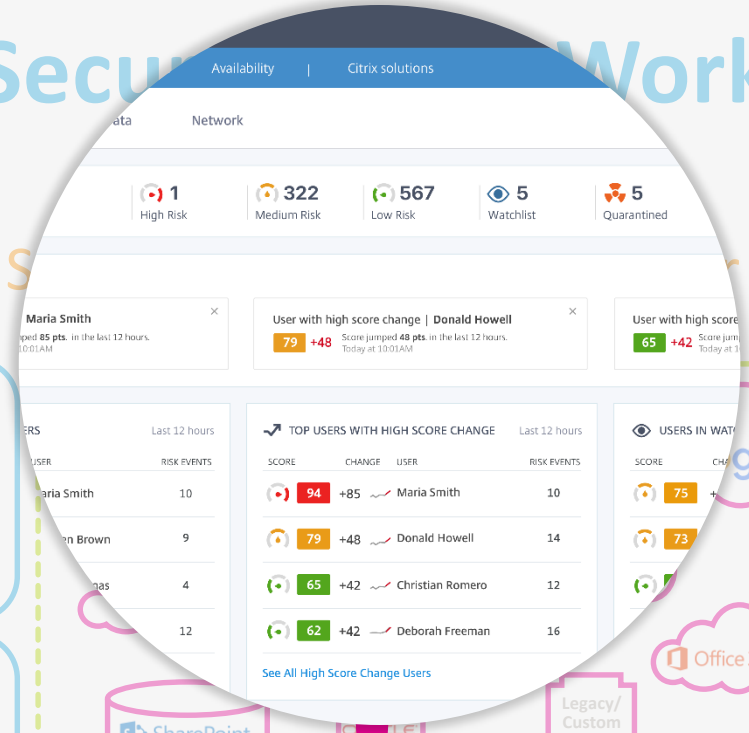
Citrix Secu Workspace



Users

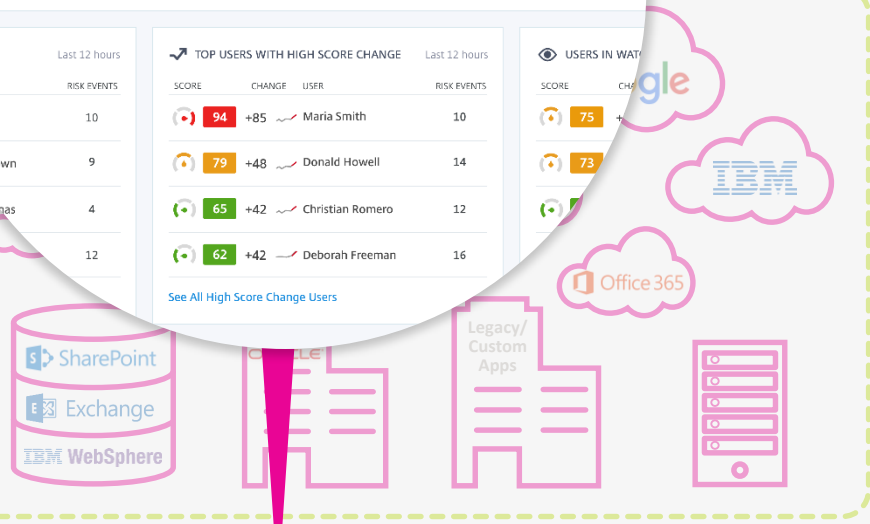
Unified Experience

"BYO" Identity

Single Sign-on

Contextual Access

Contextual Performance



Unified Endpoint Mgmt.

App Ops

Content Control

Secure IT

Security & Perfo nance Analytics

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- Collect and analyze data to improve security, performance and availability
- 360-degree view of the user behavior and context
- Turnkey, autonomous system that can enforce granular security policy controls across products
- Advanced machine learning algorithms to identify patterns, anomalies and make security policy decisions

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1 High Risk | 322 Medium Risk | 567 Low Risk | 5 Watchlist | 5 Quarantined

See All Users

LATEST USER ALERTS

See All User Alerts

New high risk user | **Maria Smith**
94 +85 Score jumped **85 pts**. in the last 12 hours.
Today at 10:01AM

User with high score change | **Donald Howell**
79 +48 Score jumped **48 pts**. in the last 12 hours.
Today at 10:01AM

User with high score change | Christian Romero
65 +42 Score jumped **42 pts**. in the last 12 hours.
Today at 10:01AM

TOP HIGH RISK USERS

Last 12 hours

SCORE	CHANGE	USER	RISK EVENTS
94	+85	Maria Smith	10
86	+36	Stephen Brown	9
81	+39	Roberto Vargas	4
80	+30	Justin Willis	12

TOP USERS WITH HIGH SCORE CHANGE

Last 12 hours

SCORE	CHANGE	USER	RISK EVENTS
94	+85	Maria Smith	10
79	+48	Donald Howell	14
65	+42	Christian Romero	12
62	+42	Deborah Freeman	16

USERS IN WATCHLIST WITH HIGHEST SCORE

SCORE	CHANGE	USER	RISK EVENTS
75	+5	Julian Alberts	8
73	+8	Albert Perry	14
45	+4	Nicole Hanson	12
42	+8	John Smith	16

Users

94 **Maria Smith**
Sales Manager

Quarantine | Add to Watchlist | Add Tags | Add Notes

RISK SCORE TIMELINE

Showing data for the last 12 hours

Risk Score Change: Access | Applications | Data | Network

System Action Taken: Actions

Today

02:01:06 PM — Quarantined user

02:01:00 PM — Blocked high risk application access

02:00:50 PM — Blocked data upload

01:26:43 PM — 94 +5 Unusual data upload volume

12:24:56 PM — 89 +5 Risky App / Website access

10:19:14 AM — 84 +10 Unusual data volume transfer to removable storage

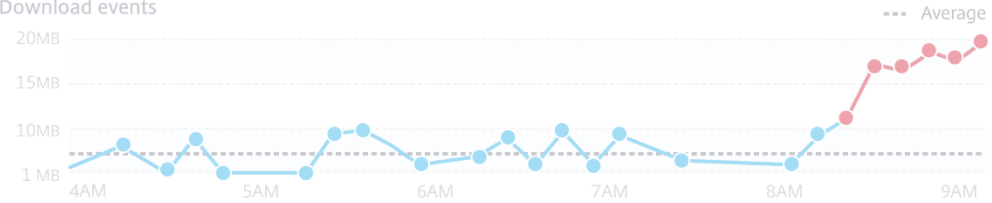
Unusual file download volume

User downloaded **19.5 MB** of data from Moscow, Russia over the last 12 hours, higher than the **7.5 MB** avarage per account user.

Configure | Ignore

EVENTS

Download events — Average



FILE DOWNLOADED DETAILS

TIME DOWNLOADED	FILE NAME	FILE SIZE	BYTES DOWNLOADED
3/23/16 03:02:45 AM	FileName1.doc	1.3 MB	1.3 MB
3/23/16 03:02:45 AM	FileName2.doc	1.3 MB	1.3 MB

USER PROFILE

Email:
maria.smith@email.com

Location:
Santa Clara, CA

Department:
Sales

Manager:
John Smith

Groups:
Domain users, Sales users, Remote Desktop Users.

Last access:
April 1, 2017 10:01 AM

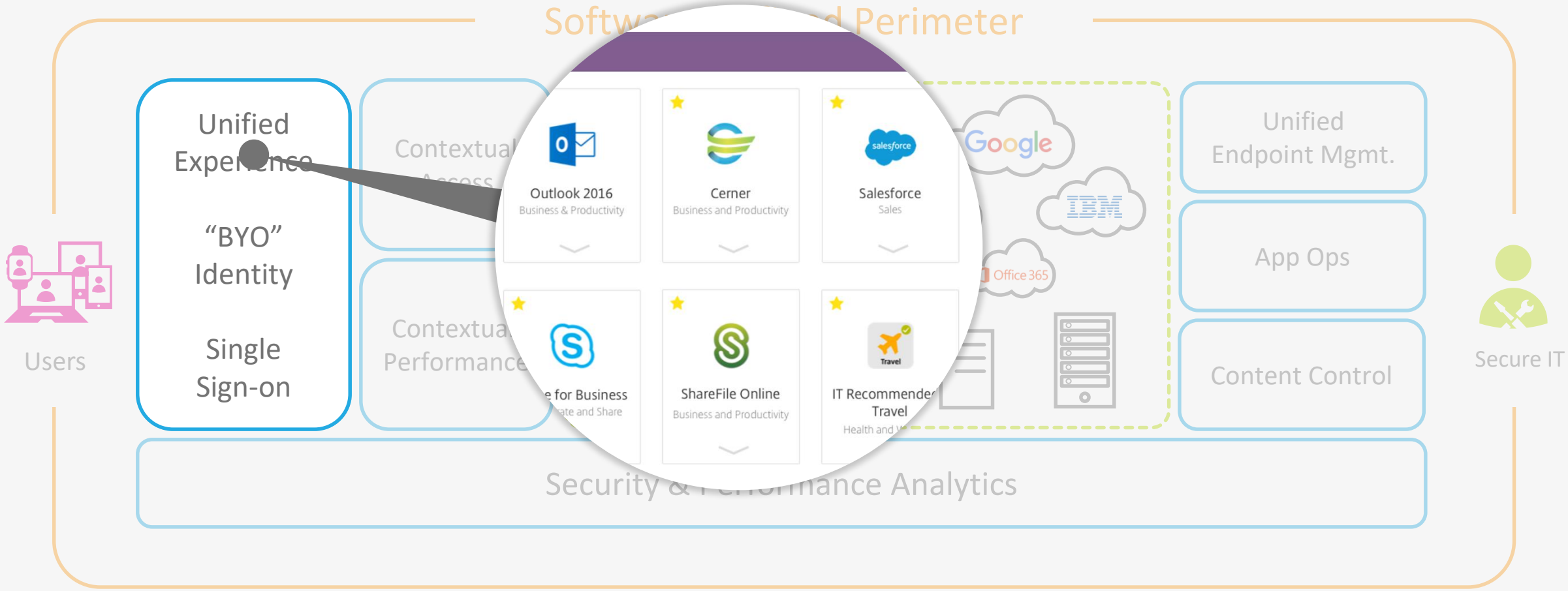
DEVICES

Last 7 days

DeviceName 120

DeviceName 120

Citrix Secure Digital Workspace



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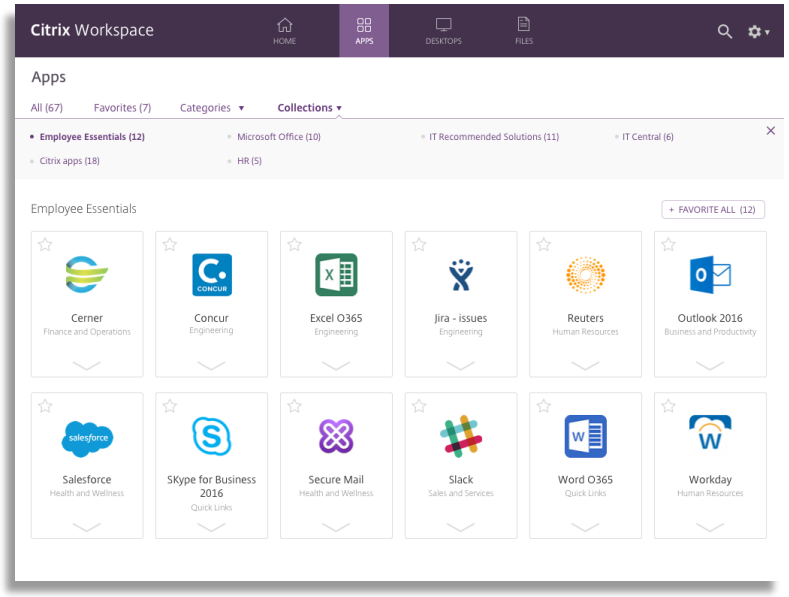
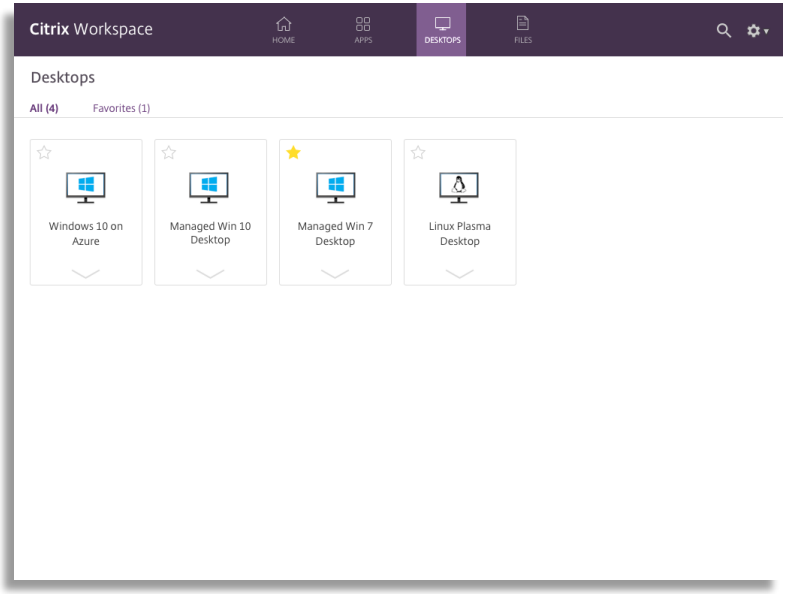
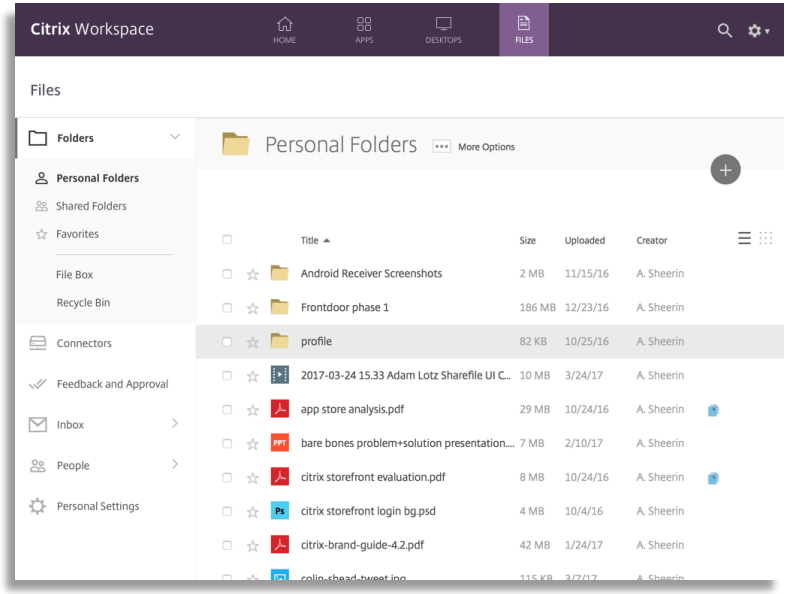
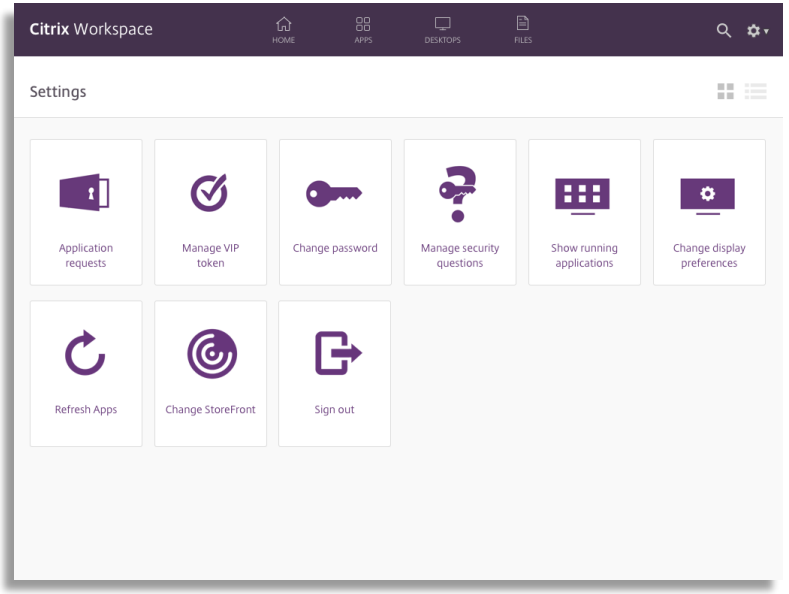
Workspace Experience -> Workspace service









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Citrix Workspace

DASHBOARD APPS DESKTOPS FILES

Kirill Tatarinov

Account Settings

Welcome Kirill!

SmartSpaces Richmond Healt

Workday
Business & Productivity

Outlook 2016
Business & Productivity

Cerner
Business and Productivity

Salesforce
Sales

Citrix Backstage
FInance and Operations

ShareFile Online
FInance and Operations

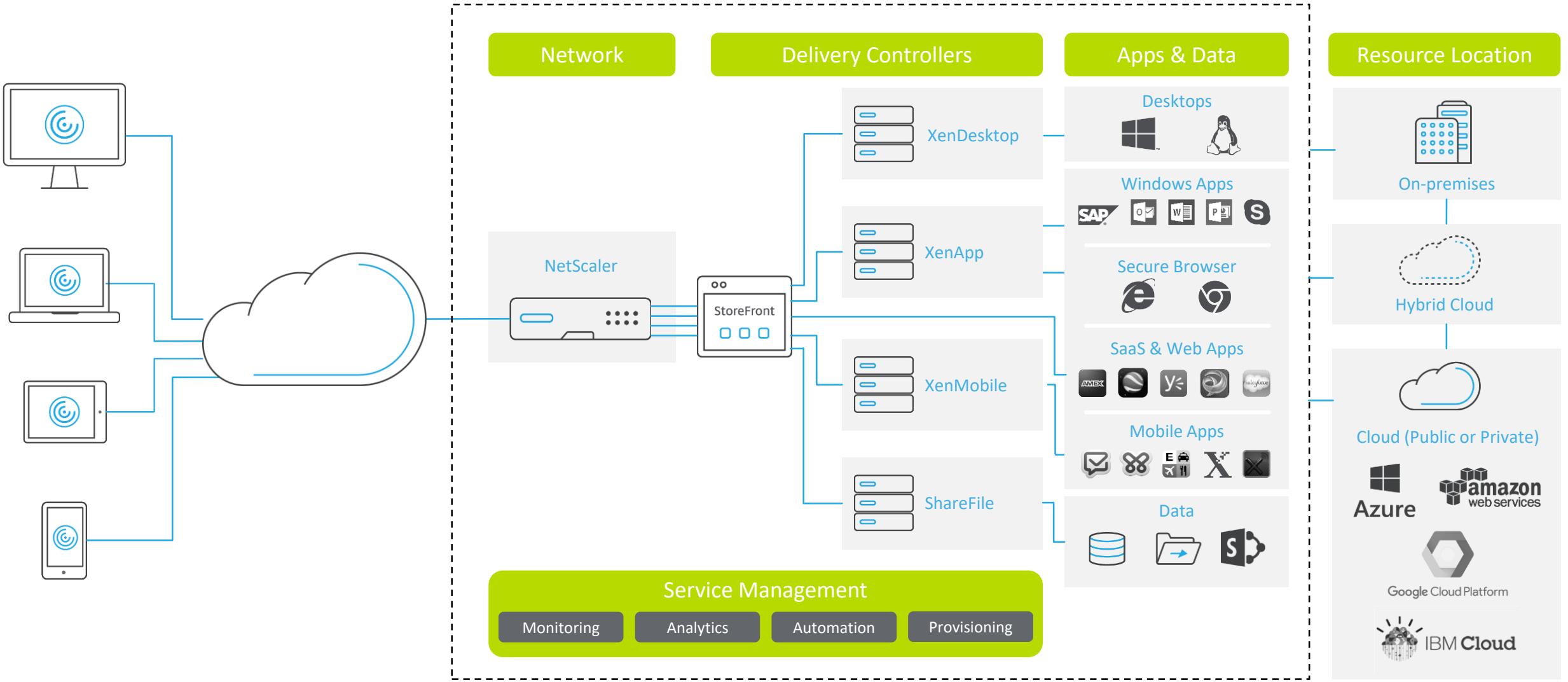
Recommended Apps

Microsoft Office 2016
Launches from America's East only

Employee Essentials
All the tools for success at Citrix
- REMOVE ALL (8)

IT Central
Self-service Tools, Programs and Support,

The Citrix way



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