



Event

Cloud Workshops: Segmenting Apps for Zero Trust

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9:00 – 11:30 am

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Why Zscaler? Why Anything? Why Now?

Lisa Lorenzin

Director, Transformation Strategy

The need for business innovation drives digital transformation



But...

Legacy network security models **impede** this transformation.

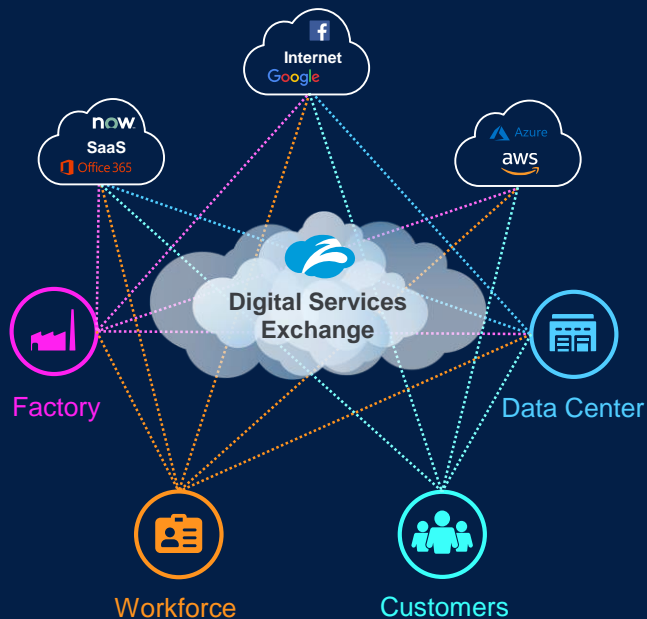
Protecting the business becomes a nuisance for you.

Accessing apps becomes frustrating for users.



Zscaler: powering digital transformation

Provide fast, secure, and reliable
access to data no matter where it lives



Market Leader



400 of the **Forbes**
Global 2000

Industry Leader



9 years in a row
Gartner MQ Leader

Global Scale



80B+ Daily transactions
150 data centers
10x Google searches

Operational Excellence



10+ years running an
inline security cloud

80%

Faster User
Experience



35x

Fewer Infected
Machines

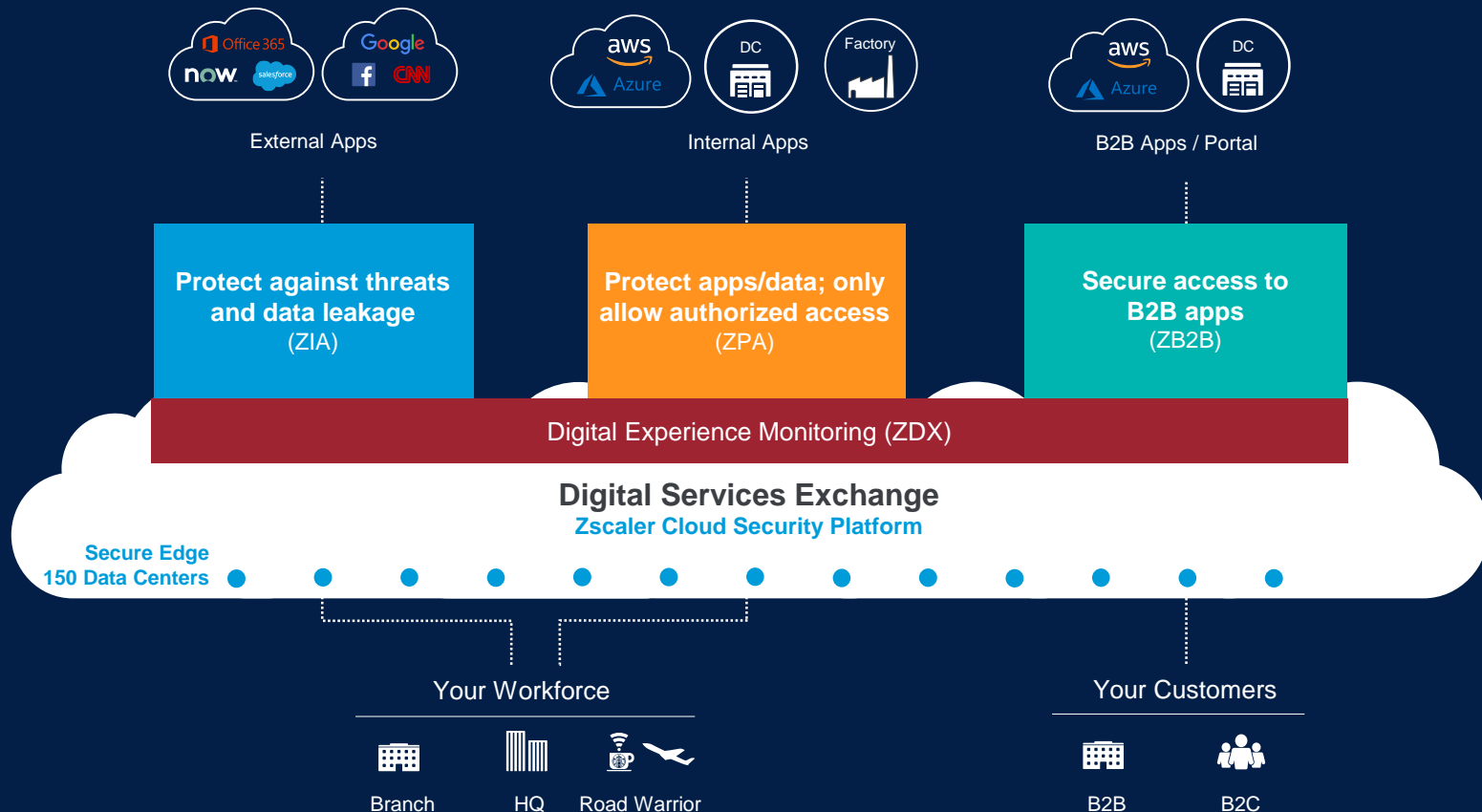


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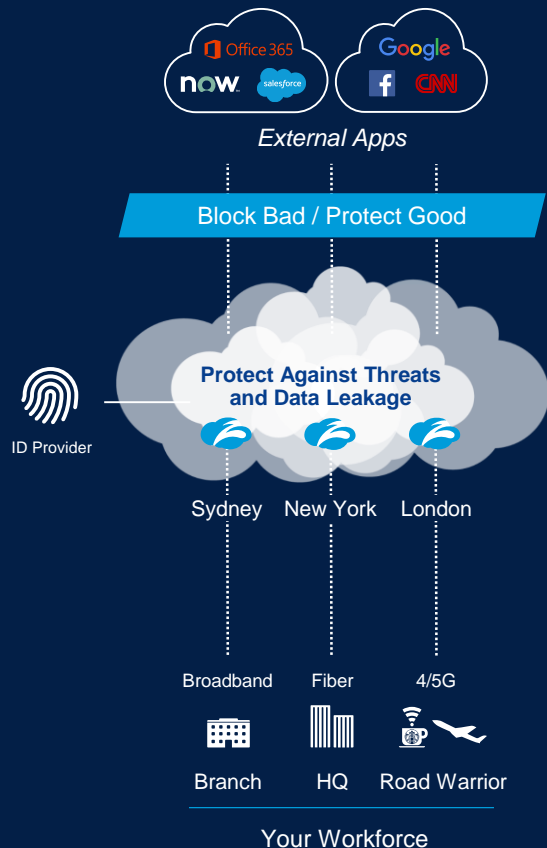
Infrastructure
Cost Reduction

SIEMENS

Delivering secure, fast, and reliable access to apps/data



Zscaler Internet Access: Secure and fast access to internet & SaaS



Use Cases

Office 365

- App prioritization/peering with Microsoft
- One-click deployment

Secure SD-WAN

- Local breakouts for branch internet
- API integration with SD-WAN vendors

Threat Protection

- Inspect encrypted traffic at scale
- Cloud-effect: Identify once, protect all

Data Protection

- Shadow IT discovery
- Protect IP / PII / Compliance

Standardization • Simplification • Identical Protection (mobile, branch, HQ)

Platform Services



Threat Prevention

Proxy (Native SSL)
Advanced Threat Protection
Cloud Sandbox
DNS Security



Access Control

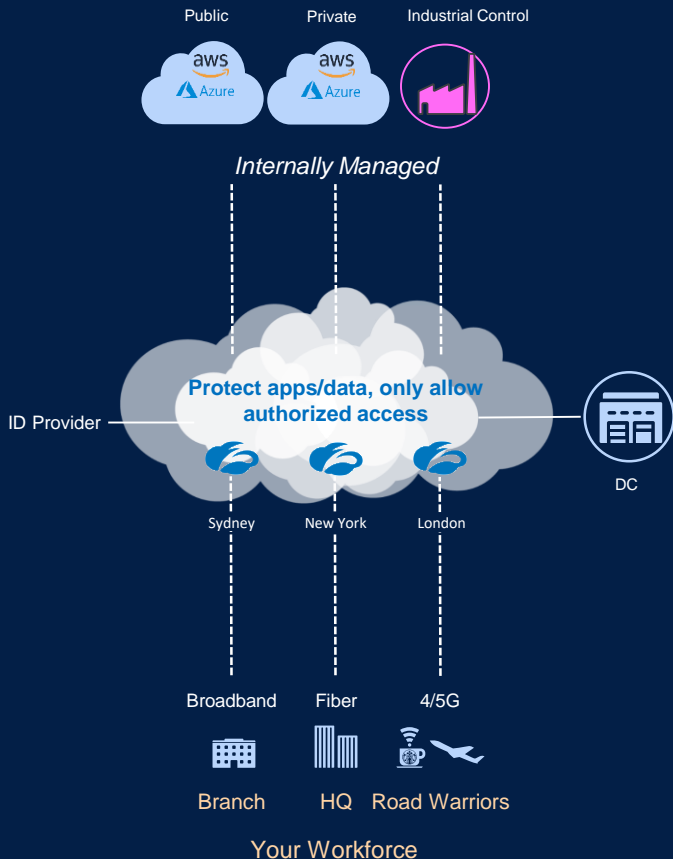
Cloud Firewall
URL Filtering
Bandwidth Control
DNS Resolution



Data Protection

Cloud DLP
Exact Data Match
CASB
Browser Isolation

With ZPA, we've helped hundreds of organizations



Business drivers that lead to ZPA

Users work from everywhere

- A seamless experience is a high priority
- Must support all devices, apps, and locations

Multi-cloud adoption

- The move to cloud must be fast and secure
- Users must have a consistent experience

Mergers & Acquisitions

- Teams must accelerate IT integration
- Security must be standardized

Secure access to Industrial Systems

- ICS need maintenance and troubleshooting
- Need fast response and access control

Platform services

Zero-Trust Network Access

Anti-VPN
Anti-Firewall
Anti-DDoS
Anti-network segmentation

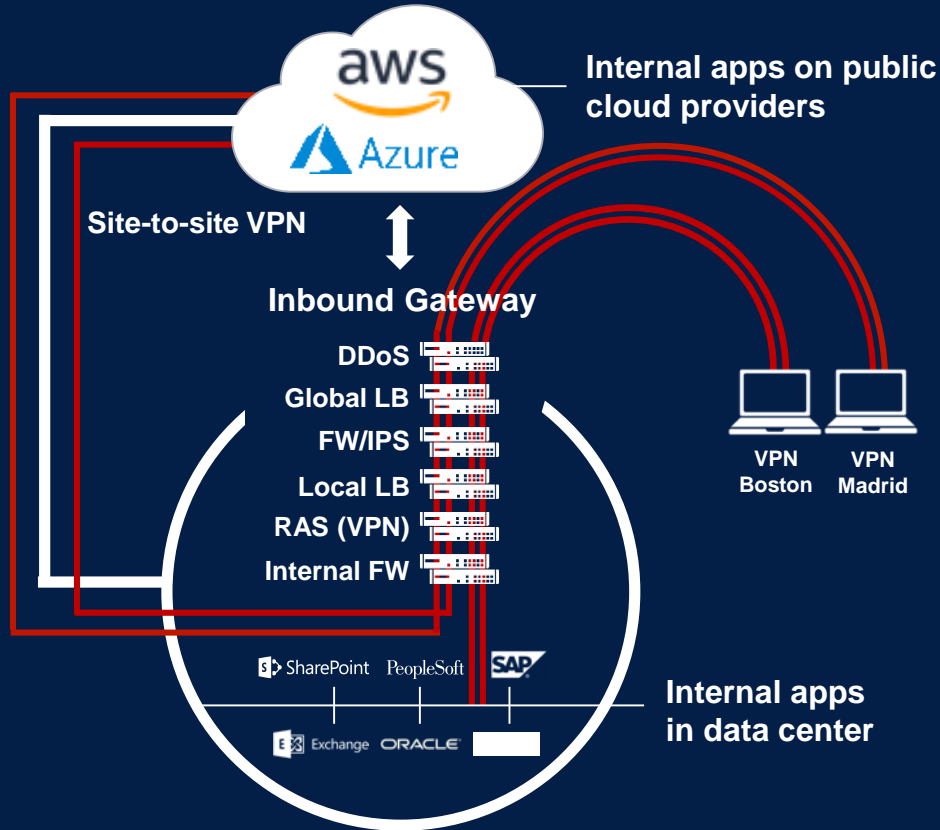
Discovery/Availability

GSLB
Optimal Path Selection
App Health Monitoring
App Discovery

Access

Browser Access
Web Isolation
Private Service Edge

Legacy remote access impedes cloud and mobility



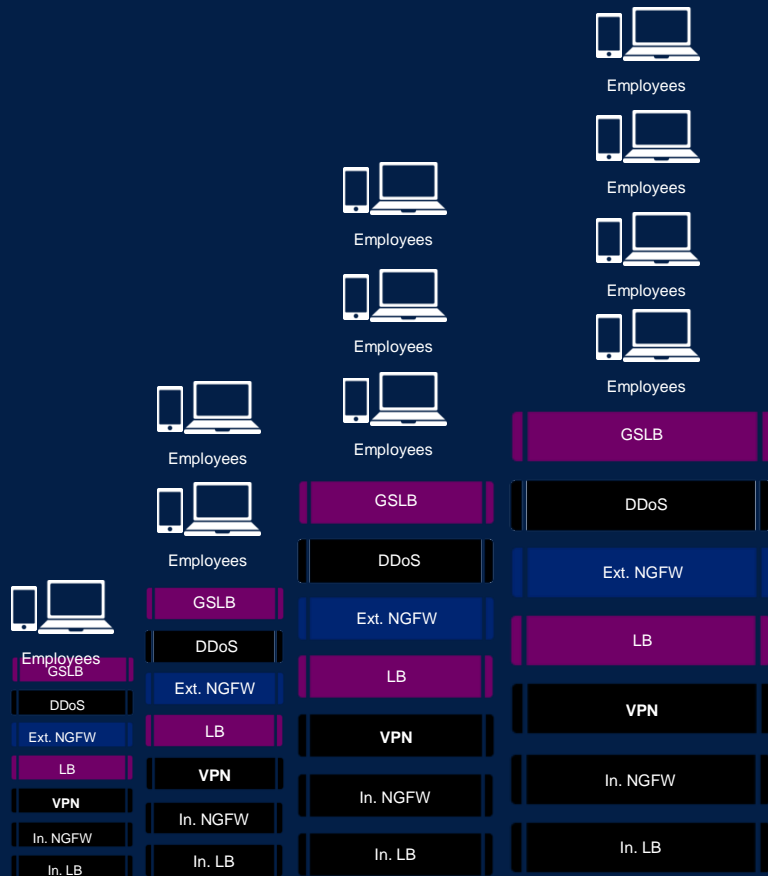
Months spent on just getting infrastructure set up

Complexity of ACLs and firewalls makes remote access difficult to manage

Risk is introduced by placing users on network

Users become frustrated with VPN

Challenges increase as demand grows

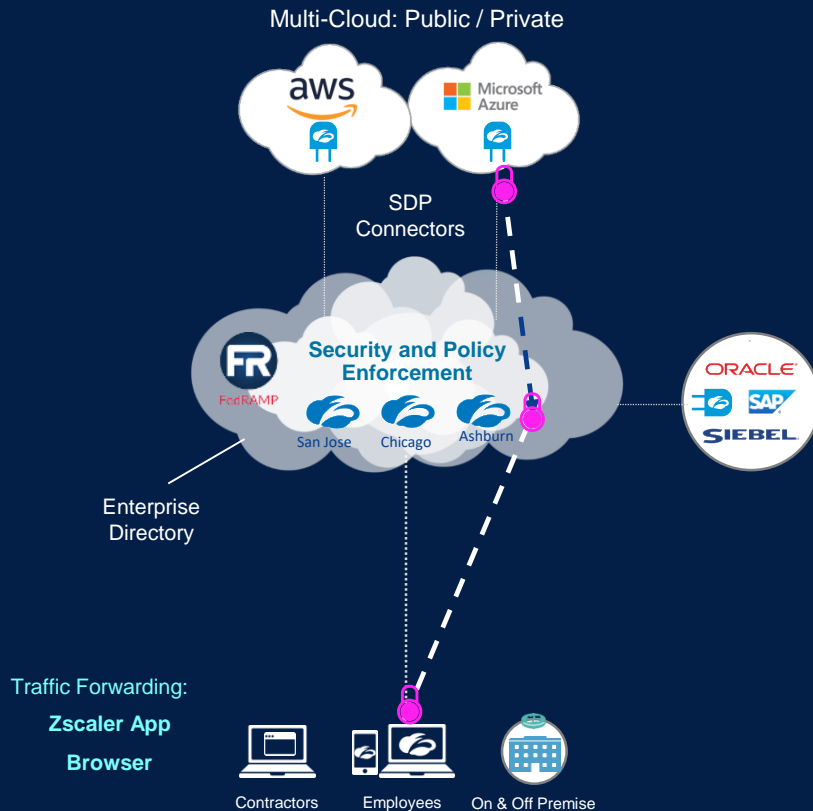


- More appliances needed due to capacity constraints
- Emergency “burst” licenses only offer limited relief
- Bandwidth consumption skyrockets
- Operational overhead rises as user experience suffers

Zscaler Private Access: zero trust access to private apps

How it works....

- 1 A user requests access to an app
- 2 Policies determine if the user has access to the app
- 3 If allowed, the cloud establishes inside-out connection from App Connector to ZEN and client to same ZEN



ZTA approach:

Remote users never brought on the corporate network

App access without network access

Apps are invisible

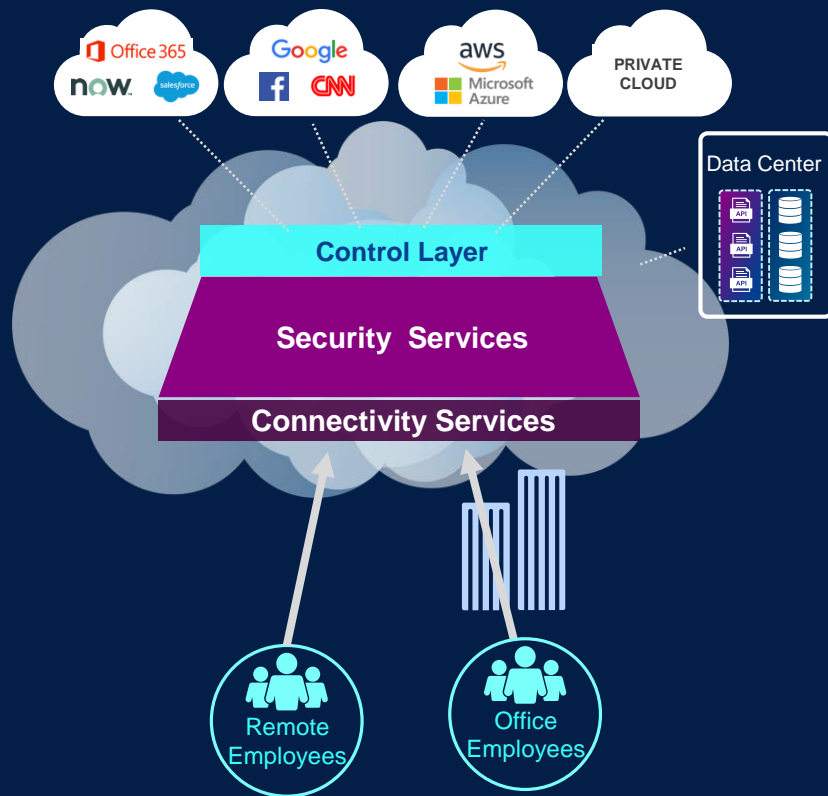
No exposure to unauthorized users

Native app segmentation

Micro-tunnels connect authenticated user to authorized application

Seamless, dynamic scalability

- The control plane scales automatically - all controls are applied in path from user to app
- Users need only to get traffic to the passthrough security service
- Unlimited scale for users and apps



ZPA enables key use cases

VPN alternative



- Remove inbound VPN
- Better user experience
- No backhaul – direct access
- Applications never exposed
- Full visibility & granular control

Cloud app access



- Avoid lock-in/enable multi-cloud strategies
- Provide secure access across hybrid cloud apps
- Improve user experience
- Streamline IT modernization

M&A



- User to app segmentation
- Minimize network converge
- No need to reconcile IP address overlap
- Reduce cost of appliances & additional infrastructure

Contractor access



- Control third-party access
- App access only – never on net
- Eliminate lateral movement
- Gain visibility into activity

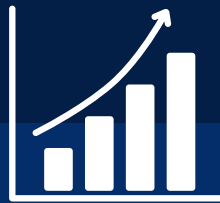
Zero Trust Network Access

Benefits for your business



100% Cloud Architecture

Up & running in as little as one day with the capacity you need



Built for User Productivity

Fast access to apps with no need for VPN or TIC/MTIPS



Minimize Costs to the Business

No HW appliances
Reduce management overhead

COVID-19 virus is driving unprecedented changes

World Health Org
declared the virus a
global pandemic

Business continuity
and the safety of
employees are top
concerns

Remote employees
need seamless access
to apps and as quickly
as possible

Your Business Continuity Plan is critical

Business Continuity Plan During the Coronavirus outbreak



Gerold Nagel

SVP Global Infrastructure Service,
DB Schenker AG



Secure your digital transformation



<https://www.linkedin.com/pulse/how-db-schenker-kept-employees-safe-cloud-approach-markus-sontheimer/>



Thank you

Stay safe and healthy.

NEXT STEP

Discuss your specific needs and our complimentary deploy services