

SteelHead Mobile Solutions

A Day in the Life of Tom, a Mobile Worker...

EXPECT DELAYS

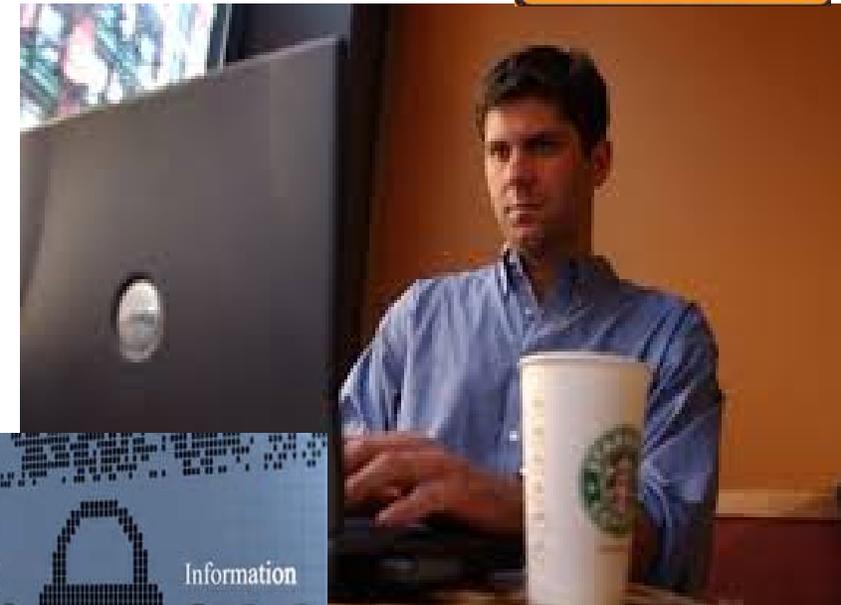
Tom uses SharePoint to collaborate and share documents securely with his team back at the office



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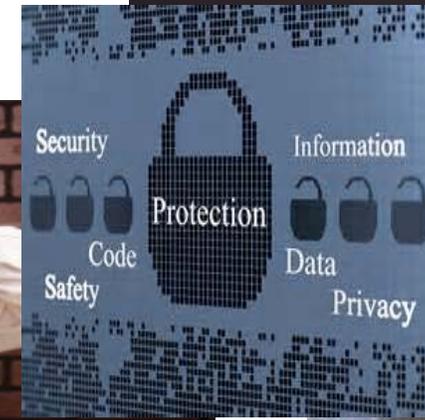


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From Starbucks or home or from a client site

FRUSTRATION (even embarrassment) from SLOW Internet!



SteelHead Mobile

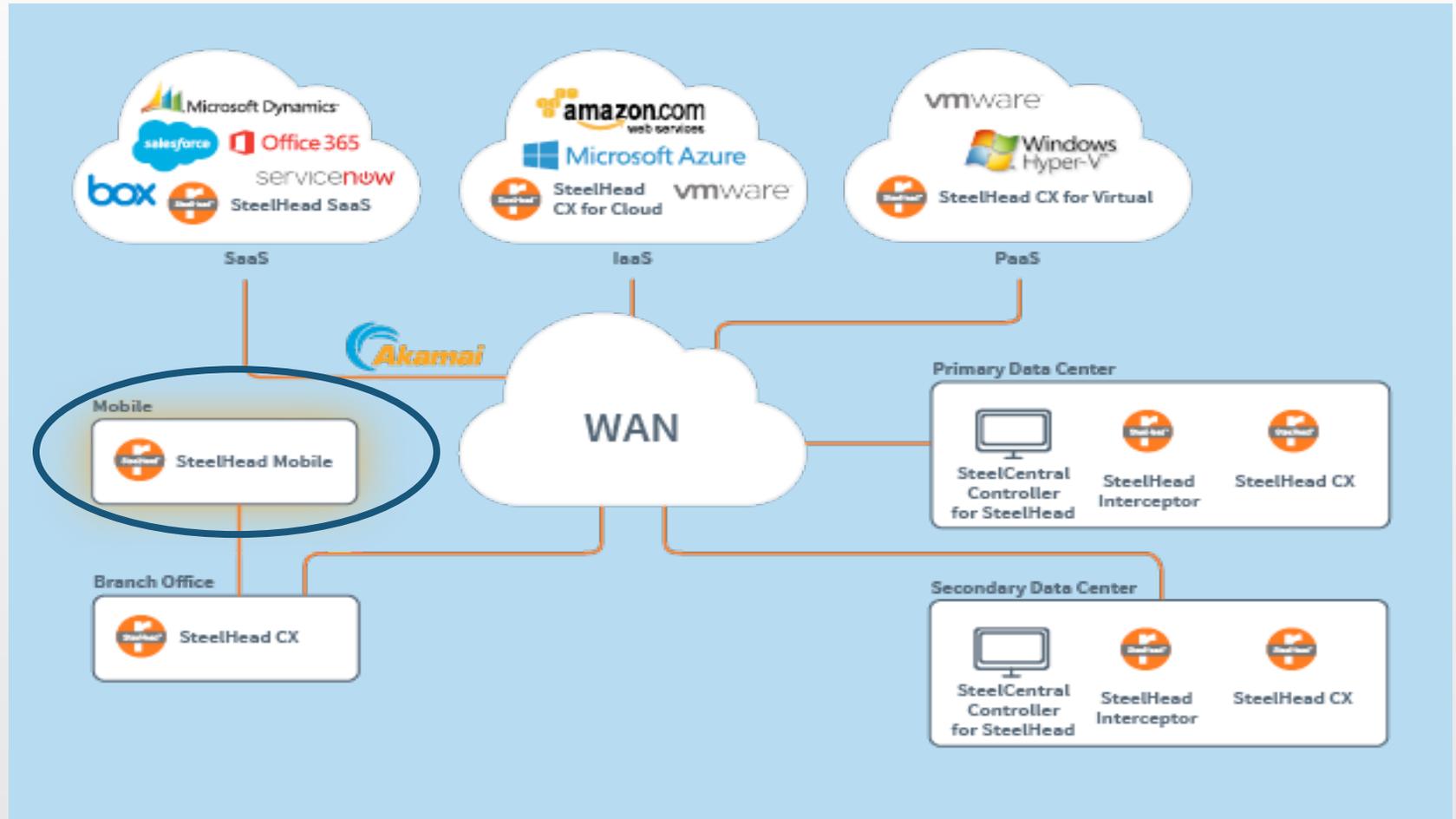
Enabling Distributed Workforces in the Hybrid Enterprise with Application Performance Anywhere

More than 50% of McKinsey's workforce almost exclusively works out of their branch from remote sites, customer sites or home...

~McKinsey

46% 2016
63% by 2020

~Gartner on Enterprises Using ONLY Laptops and Mobile devices, May '14



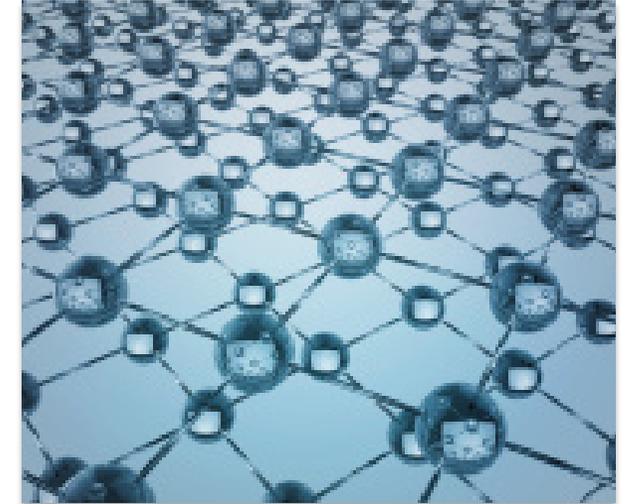
The SteelHead for Mobile Enterprise



Collaboration



Security



Scalability

SteelHead Mobile 4.8 – Now on Windows 10

SteelHead Mobile - Business Benefits

Improves Mobile Worker Productivity

- Accelerates business-critical applications up to 60x
- Reduces bandwidth by up to 99%
- Eliminates performance problems caused by bandwidth constraints, latency, and competition among applications

Streamlines IT Management/Reduces Support Costs

- Provides an integrated mobile worker, branch office, and data center solution
- Transforms global enterprise data centers to support large-scale mobile deployments
- Scales to support up to 20,000 concurrent active mobile clients with SteelCentral Controller for SteelHead Mobile

Offers Visibility and Control – SteelCentral Controller

- Provides ease of provisioning and management with simplified policy configuration, interactive graphs, and reporting
- Delivers improved “native” visibility. It does not integrate with SteelCentral NetProfiler, NetShark or App Response except on server side SteelHead

Collaboration – SteelHead Mobile

MS SharePoint

Top 3 workloads
optimized by
SteelHead

Windows
Protocols

Including
SMBv2/3, Outlook
Anywhere,
Kerberos

Business
Productivity Apps

Including SAP
NetWeaver, JD
Edwards, Siebel

- ✓ Accelerates business-critical applications up to **100X**
- ✓ Reduces bandwidth by up to **99%**
- ✓ Provides an integrated mobile worker, branch office, and data center solution



Security - SteelHead Mobile

Encrypted Protocol Support

- Secure negotiation and encryption
- Support for all latest ciphers – SSL/TLS
- Provides Client Access Control Support

VPN Support

Support for Palo Alto Global Protect, Cisco, SonicWALL and NetMotion

Visibility

Aggregated or individual statistics on throughput improvements and bandwidth optimization

- ✓ Helps avoid man-in-the-middle attacks with secure negotiation
- ✓ Extends security standards compliance to remote workers
- ✓ Provides RADIUS/TACACS Authentication
- ✓ Offers Role-based Management
- ✓ Supports end-to-end network monitoring and reporting through seamless integration with SteelCentral NetProfiler



Scalability – Built for the Hybrid Enterprise



SteelCentral Controller for SteelHead Mobile

- ✓ Clusters of up to 80,000 users with auto licensing
- ✓ Concurrent licensing model (licenses pool)
- ✓ Compatibility for high-availability configurations
- ✓ Consistent HW architecture with SteelHead CX 70 Series - purpose built for the hybrid enterprise to carry a higher load



SteelHead Mobile - Powerful Features



Centralized Policy

- Packages for Rapid Client Deployment
- Optimization/End-point Policy Templates
- License/SW-Upgrade Management

Advanced Reporting

- Optimization and Application Performance
- Client Health Report
- Aggregate and Individual End-point Reports

Accelerate Business Critical Apps

- ERP/CRM Apps
- Microsoft SharePoint, and Windows Apps (e.g., SMBv2/3, Outlook anywhere, Kerberos)

Security

- Accelerate SSL/HTTPS
- RADIUS/TACACS Authentication
- Role-based Management
- CAC Support

Scale and HA

- Supports up to 20K concurrent users
- SteelCentral Controller for Steelhead Mobile Clustering
- Large scale client deployment with MSI packages

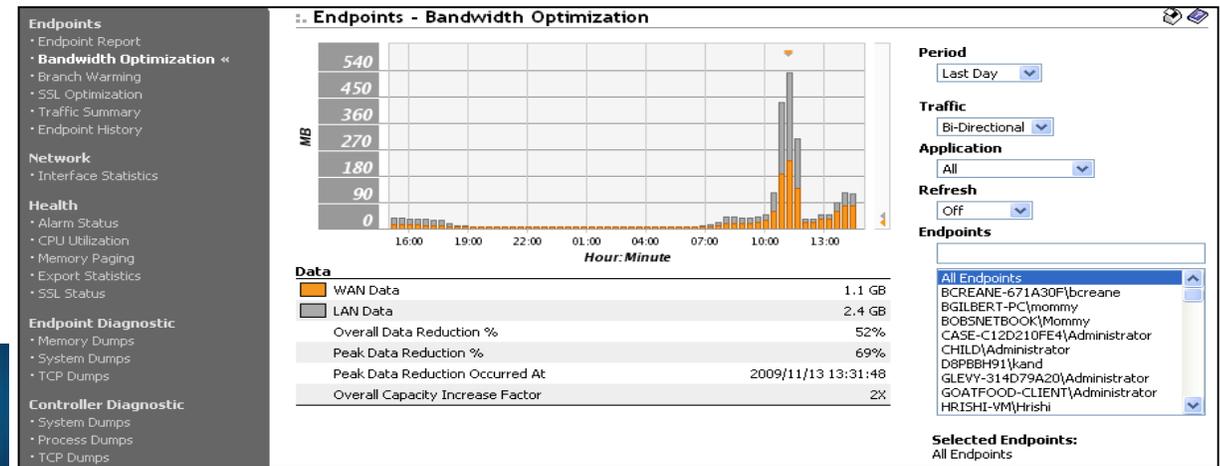
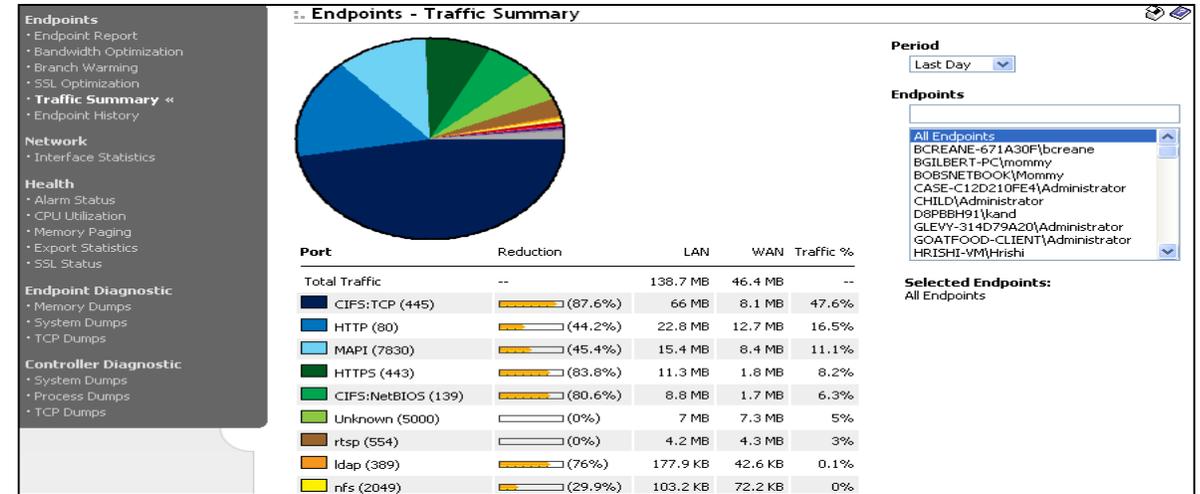
Broad OS/VPN Compatibility

- Windows 7/8/10, MAC OS X 10.9/10.10
- Juniper, Cisco, Netmotion, Palo Alto VPN Clients

SteelHead Mobile – Native Visibility



- Aggregated and End-point Performance Reports
- Client Health Monitoring
- Comprehensive Alarms Library
- Event Notification Engine with SNMP, Syslog, Email
- Job Scheduling / Software



SteelHead Mobile Solution Components

SHM Client Software



- Deployed on Windows and MAC Laptops as well as Surface Tablets
- Zero touch Client Configuration
- Non-intrusive invisible mode of operation

SteelHead Mobile Controller



- Provides ease of provisioning and license management
- Advanced Visibility and Reporting
- Supports up to 20K concurrent mobile users
- Clustering for Scale and HA

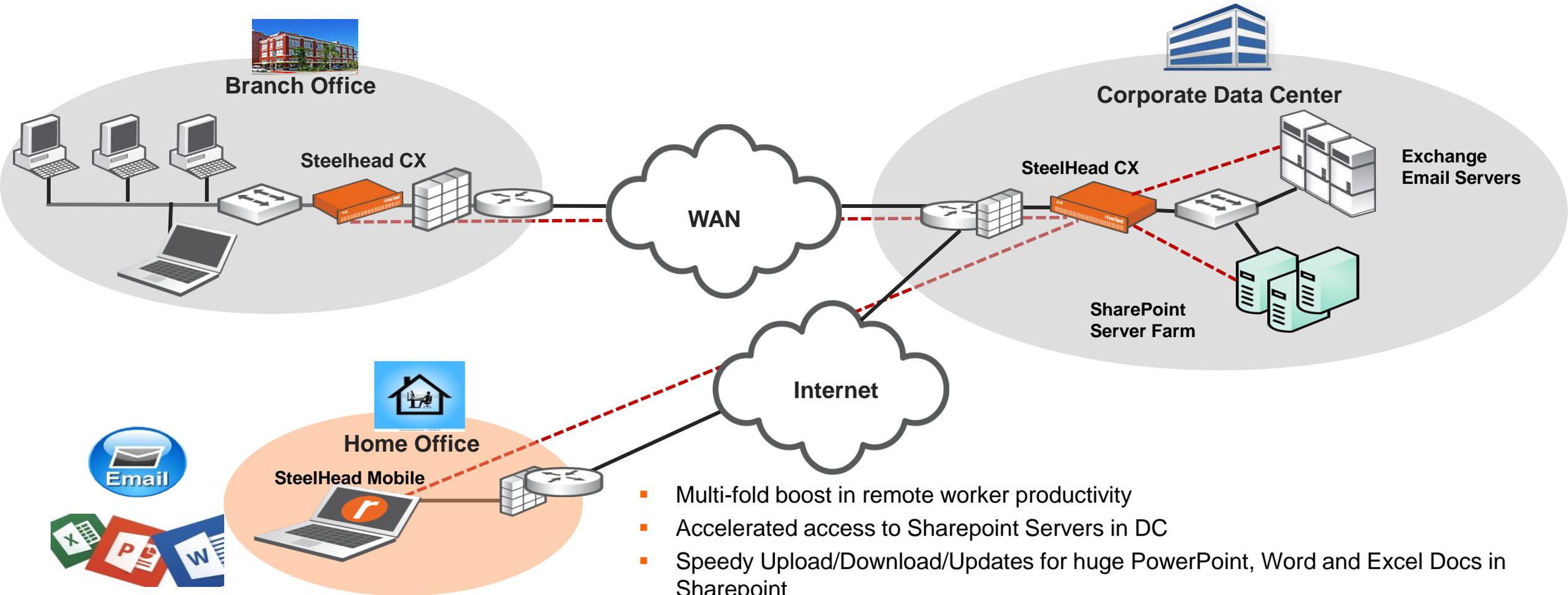
Virtual SMC



- Virtual package supported on ESX Hypervisor and Riverbed Services Platforms
- Up to 4000 concurrent mobile users
- Small Strategic Deployments

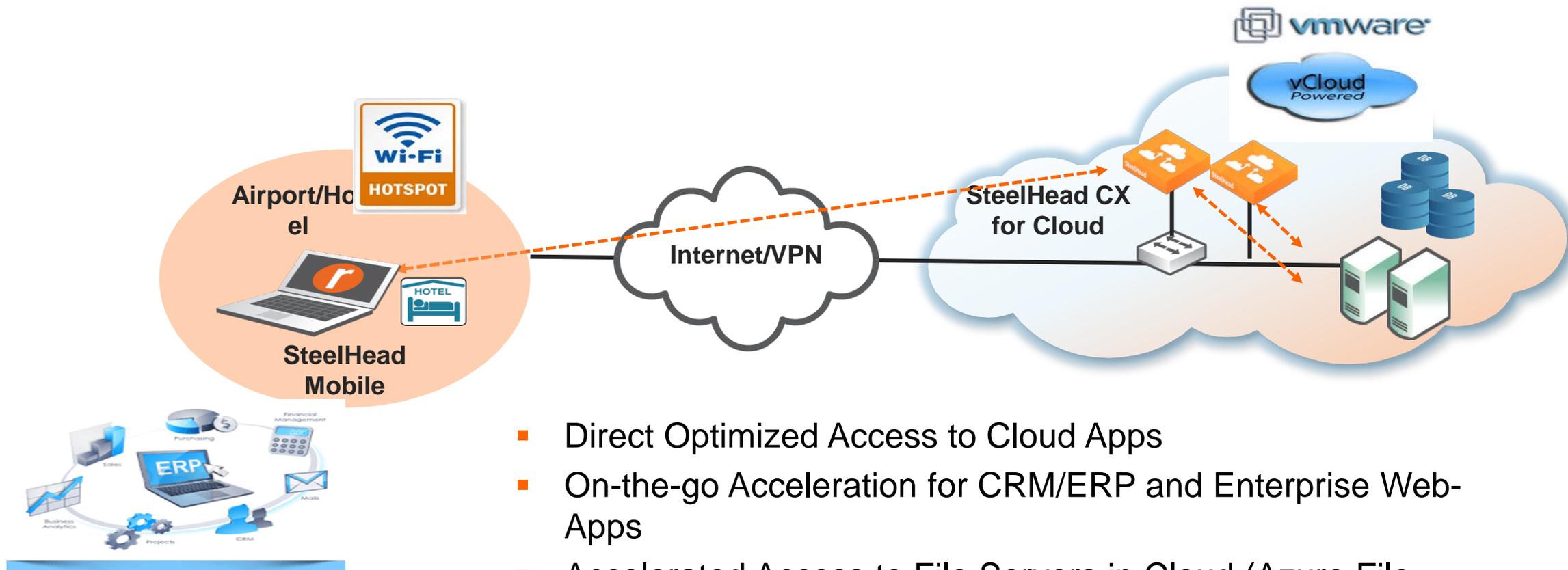


SteelHead Mobile Sharepoint Optimization Use Case



- Multi-fold boost in remote worker productivity
- Accelerated access to Sharepoint Servers in DC
- Speedy Upload/Download/Updates for huge PowerPoint, Word and Excel Docs in Sharepoint
- Immediate access to big Email Attachments
- Enable Efficient and Fast Collaboration for remote worker as if they are sitting right there in the branch office

SteelHead Mobile for IaaS Optimizing Public Cloud Use Case



- Direct Optimized Access to Cloud Apps
- On-the-go Acceleration for CRM/ERP and Enterprise Web-Apps
- Accelerated Access to File Servers in Cloud (Azure File Services)
- Fast Access to Storage, Back-up and DR in cloud

SteelHead Mobile – Microsoft Environments

Aura Light International

“...the reason we felt comfortable going with Riverbed was the availability of **SteelHead Mobile**, which **extended the benefits of WAN Optimization** to (our) **salesforce who use laptops exclusively**”

<http://www.riverbed.com/customer-stories/Aura-Light.html>

IAT Group

“With **SteelHead Mobile**, field agents uploading and copying files to headquarters, take a **fraction of the time** it did previously.”

www.riverbed.com/customer-stories/IATGroup.html

DC Leisure

“Deploying Riverbed has saved DCL hundreds of thousands in leased line costs... and **for our remote sites we now use Steelhead Mobile.**”

<http://www.riverbed.com/customer-stories/dc-leisure.html>

SteelHead Mobile Enables Business Growth

Challenge

- Poor App Performance
- Bandwidth Limitations at Remote Sites
- Collaboration Difficult
- Scale Better to Support Growth

Benefit

- Increased Employee Productivity
- 60-80% Less Traffic Across WAN
- 2 year ROI

“ The efficiencies and flexibility our employees have gained from this technology translate to real dollars...The use of Riverbed technologies has helped us tap into new markets and new geographic areas. ”

Abe Esguerra
IT Director



SteelHead Mobile Enables Business Growth

Challenge

- Very mobile workforce
- Multiple small offices with few workers
- Project files slow to download and share

Benefit

- Increased productivity
- LAN-like access to files and data from any location
- Small office bandwidth requirements supported affordably

“ For us, the solution for the mobile worker started as a ‘nice-to-have.’ Shortly thereafter we realized it was a ‘must-have’ to enable our employees to work from everywhere. ”

Patrick Dix,
IT manager

