zyber

Ubiquitous secure file sharing on any device
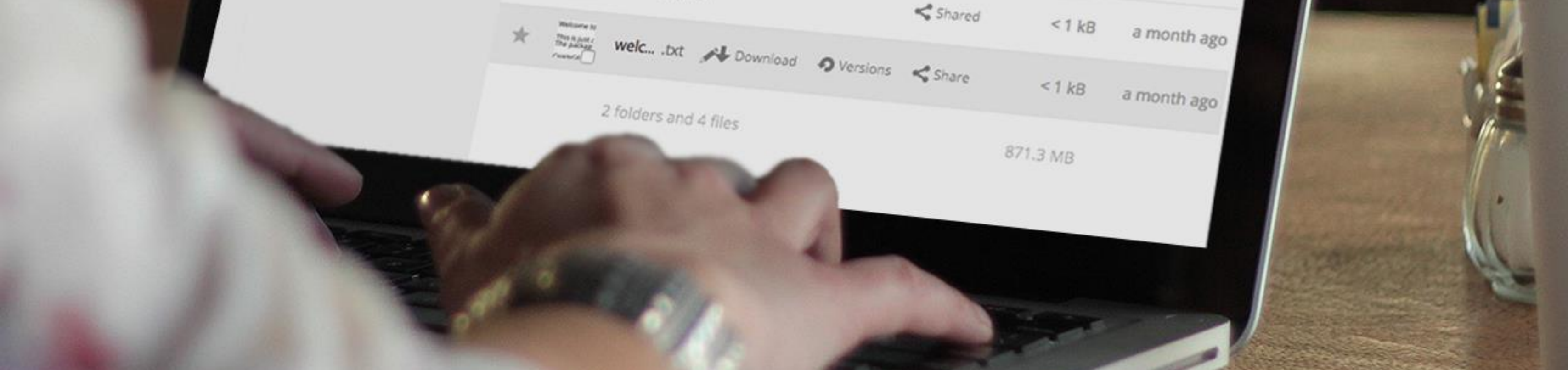
SEPTEMBER, 2015

Disclaimer

Forward Looking Statements

Certain statements contained in this presentation constitute forward-looking statements. The use of any of the words "anticipate," "believe," "continue," "could," "estimate," "expect," "intend," "may," "will," "plans," "project," "should," "target" and similar expressions are intended to identify forward-looking statements. Such statements represent Zyber's internal projections, estimates or beliefs concerning, among other things, an outlook on revenues or other expectations, beliefs, plans, objectives, assumptions, intentions or statements about future events or performance. These statements involve known and unknown risks, uncertainties and other factors that may cause actual results or events to differ materially from those anticipated in such forward-looking statements. Zyber believes the expectations reflected in those forward-looking statements are reasonable but no assurance can be given that these expectations will prove to be correct and such forward- looking statements included in, or incorporated by reference into, this presentation should not be unduly relied upon. These statements speak only as of the date of this presentation.

Forward-looking statements included in this presentation include, but are not limited to, statements with respect to: how revenues are generated and sources of revenues; key features of the Zyber software technology and process; additional functionality to be added to the Zyber technology; the focus of capital expenditures; expansion of Zyber's services into other countries and platforms; and future growth opportunities and strategies. Some of the risks and other factors which could cause results to differ materially from those expressed in the forward-looking statements contained in this presentation include, but are not limited to: general economic conditions in Canada and globally; technology/information security market conditions; demand for Zyber's services; potential delays or changes in plans with respect to deployment of services or capital expenditures; possibility that government policies or laws may change; availability of sufficient financial resources to pay for the development and costs of Zyber's services; ability to locate satisfactory industry partners; competition for, among other things, capital and skilled personnel; changes in economic and market conditions that could lead to reduced spending on encryption technology; competition in our target markets; potential capital needs; management of future growth and expansion; the development, implementation and execution of Zyber's strategic vision; risk of third-party claims of infringement; legal and/or regulatory risks relating to Zyber's business and strategic acquisitions; protection of proprietary information; the success of Zyber's brand development efforts; risks associated with strategic alliances; reliance on distribution channels; product concentration; our ability to hire and retain qualified employees and key management personnel. Readers are cautioned that the foregoing lists of factors are not exhaustive. These forward-looking statements are made as of the date of this presentation and Zyber disclaims any intent or obligation to update publicly any forward-looking statements, whether as a result of new information, future events or results or otherwise, other than as required by applicable securities laws.

Vision

To provide a ubiquitous secure file sharing solution that can be deployed quickly and easily on any mobile device.
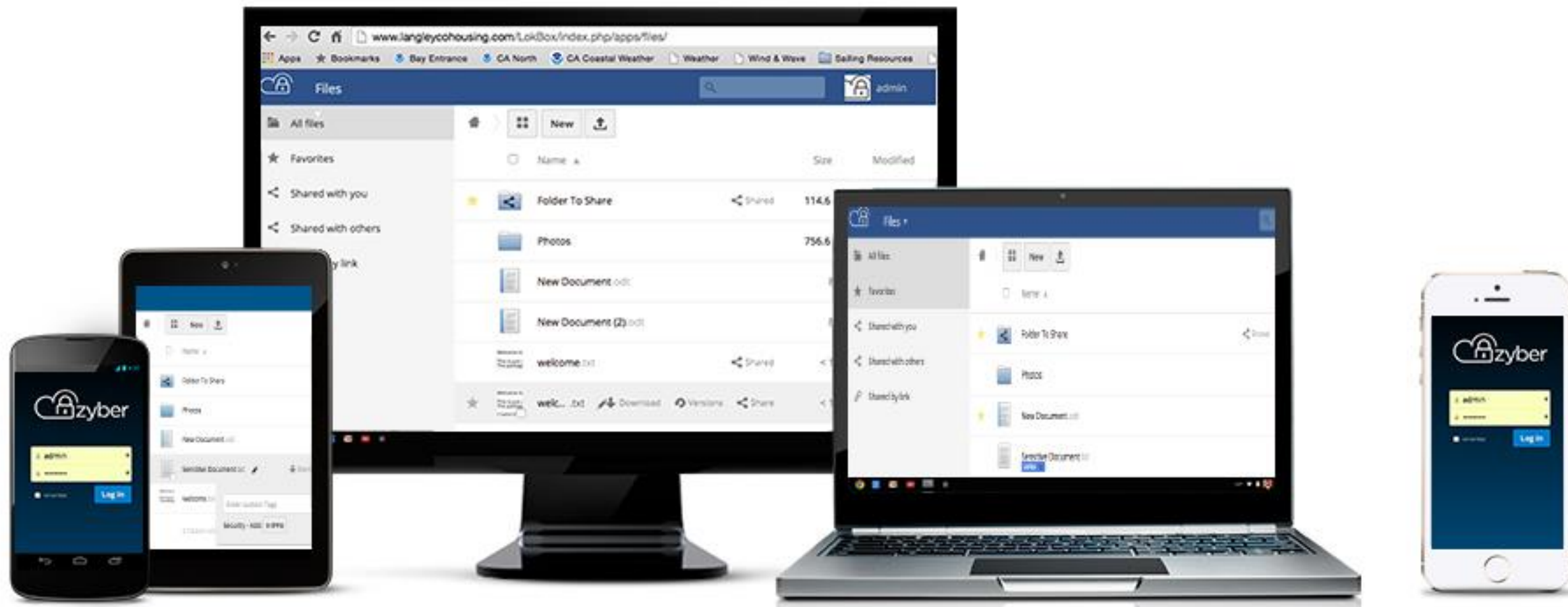
Zyber Overview

Provider of secure managed file sharing solutions

Based in Vancouver Canada

Customer validation

Telus, T&T

Rapidly expanding market

Strategic Plan:

Raise $5 million October 2015
Use direct sales model to drive majority of 2016 revenue
Initiate service offering (through partners) and OEM/channel program in Q4 2016.
Continue to strengthen core product features, management dashboard and channel functionality

zyber

Team

Clay Epstein,
Director and CEO

Prior to Zyber, Clay was the VP and Technical Manager at Bank of America responsible for the Bank's global Public Key Infrastructure and Cryptography Engineering Group. Previous to Bank of America, Clay was the CIO and Head of Operations at Venafi which provided a policy-based lifecycle management platform for encryption keys and SSL certificates. Clay was responsible for the IT infrastructure and Security, Customer Installations and Customer Support for all of Venafi's customers. Previously, Clay served as Head of eCommerce Technologies for Australia and New Zealand Banking Group (ANZ) building ANZ's secure Web infrastructure, Internet banking, and Internet-based payments processing systems.

Jason Tomkinson,
Chairman

Jason is a capital markets professional with 10+ years experience in venture capital services, raising start-up capital, secondary offerings, marketing, prospecting, writing and evaluating business plans, risk assessment and market analysis. Prior to joining Zyber, Jason was a licensed investment advisor with public broker-dealers including Macquarie Group and Canaccord Genuity where he specialized in financing venture market new issues. As part of Canaccord's Retail Venture Group, Jason, managed several hundred million dollars of venture capital investing in public and private companies in sectors ranging from technology and biosciences to mining and oil and gas. Prior to that, Jason held several board positions on publicly listed junior companies. Jason has a degree in economics from Simon Fraser University.

.

Tony Louie,
Director

Tony is an independent business consultant with over twenty years of expertise in sales, major account management, contract negotiation, analyzing and satisfying customer needs , implementing improvements and team building. Prior to running his own practice, Tony spent 9 years with Cisco Systems Canada leading their Western Canadian Service Account Team, negotiating contracts and supporting Cisco channel partners. Prior to Cisco, Tony held various sales positions with Telus Communications and AT&T International.

Team

Roe Markham, *Director*

Previously the Leader of Application Architects and Solutioning team for Sales Pursuits in the Canadian division of EDS, (a Hewlett Packard Company), Roe brings diverse experience in business process design, information technology, and program management. He is experienced in strategic planning, building and implementing programs in challenging multi-stakeholder environments, and executive sales and marketing.

Ke Feng (Andrea) Yuan, *Director*

Andrea Yuan is a CGA who has provided many years of client service in both Canada and China. Ms. Yuan began her career with the Bank of China from 1994 through 1999 as an internal auditor and then as team head of the internal audit department at the Bank's Shanghai Pudong branch. Ms. Yuan moved to Davidson and Company LLP, Chartered Accountants in 2004 where she worked in the firm's audit group being promoted to audit principal in 2009. In addition to overseeing a variety of Canadian public company audit files, Ms. Yuan was also responsible for conducting the audits of various foreign public companies including Chinese and Korean companies.

Andrew Pruett, *Technical Advisor*

Andrew is currently a Director, Information Services in Project Development for a global base metals and energy mining company. The project development group currently has in excess of 14 billion dollars in organic growth projects in advanced exploration, pre-feasibility, feasibility and construction. Andrew has served as an advisor to technology startups in sectors ranging from procurement, tourism, transportation, maintenance, process systems, security and information management. Andrew has studied complex systems analysis, design and construction at Middlesex University, UK, Arcadia University in Glenside, PA where he received a B.Sc. in Management of Information Systems. Andrew has also completed the Advanced Management Program for Executives at MIT Sloan School of Business.

Team

Kevin Rutten,
Technical Advisor

Kevin is an experienced software engineering and systems analyst. He currently works as a top network troubleshooter for Engine Yard the leading Platform as a Service (PaaS) provider for the cloud serving clients including Nike, AOL, Apple, Disney, and MTV.

Harold Davidson,
Technical Advisor

Harold was previously a District Director of BancTec, and specializes in business process outsourcing (BPO), providing financial transaction automation and document management services. Harold is also the founder of OnBase, a Vancouver based startup that provides database optimization solutions.

zyber

Market Opportunity
SECURE FILE SHARING

- Shadow IT has created a new compliance issue regarding confidential information.

- Managed secure file sharing solutions that work across mobile platforms represent a unique market opportunity.

- Existing fragmented cloud based solutions solve only parts of the problem or focus on specific devices or tasks.

- Zyber's solution is focused on eliminating the negligent mobile end user as a threat to loss of confidential information.

- Zyber is a solution that provides a secure platform from which to share and collaborate on sensitive data over open mobile networks with anyone, on any device.

zyber

Market Analysis

A growing number of file sharing solutions from different areas of technology have led to a landscape of fragmented solutions with different technological agendas and security becoming an afterthought.

Social and Collaboration

Cloud Virtualization

Storage and Backup

Enterprise File Synchronization and Sharing

Mobile Devices

Enterprise Mobility

Content Management, Managed File Transfer and Collaboration

zyber
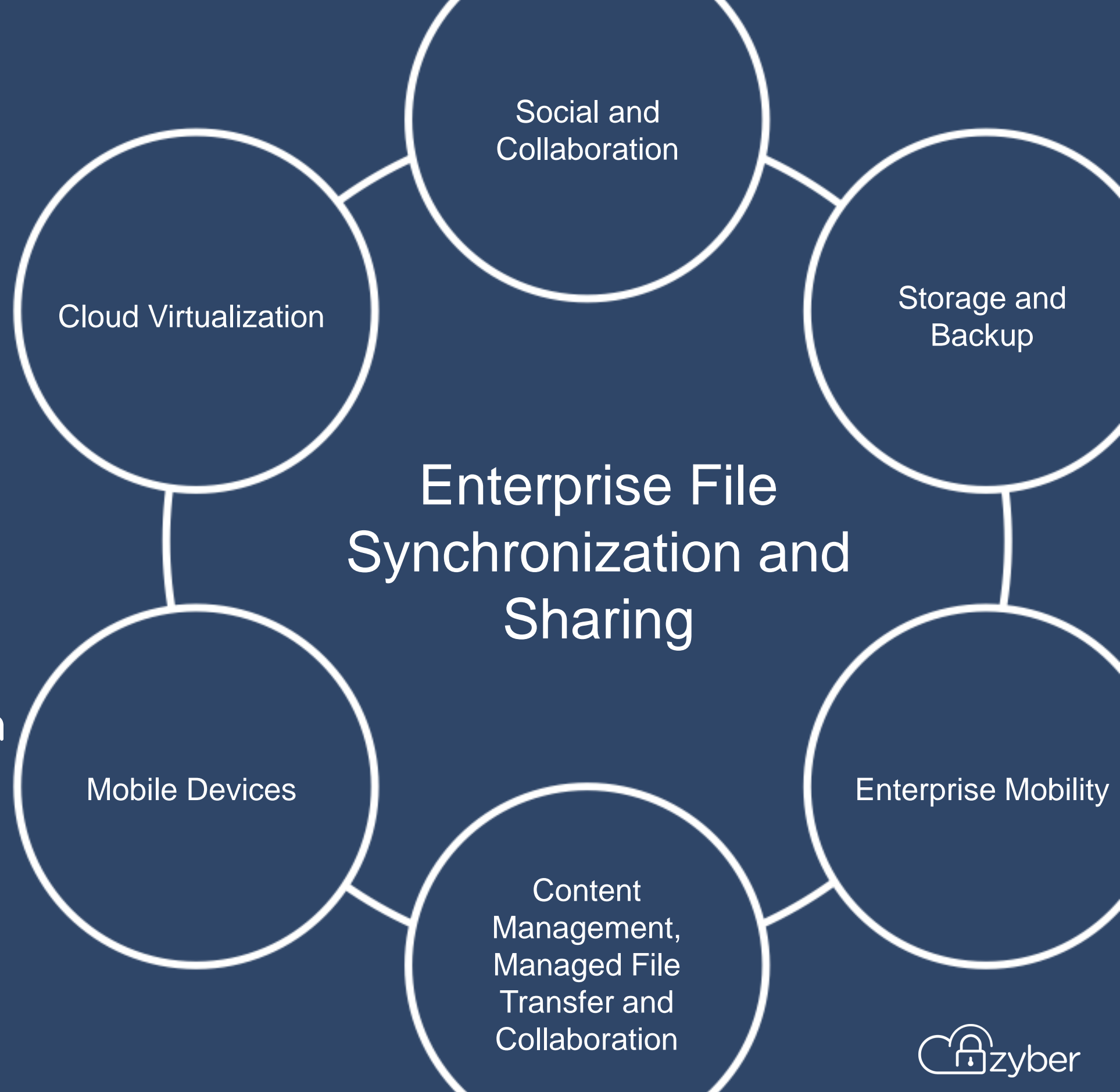
Worldwide spending on information security will reach $71.1 billion US in 2014, with the data loss prevention segment recording the fastest growth at 18.9 percent.

Global information security market will grow to $86 billion US by 2016.
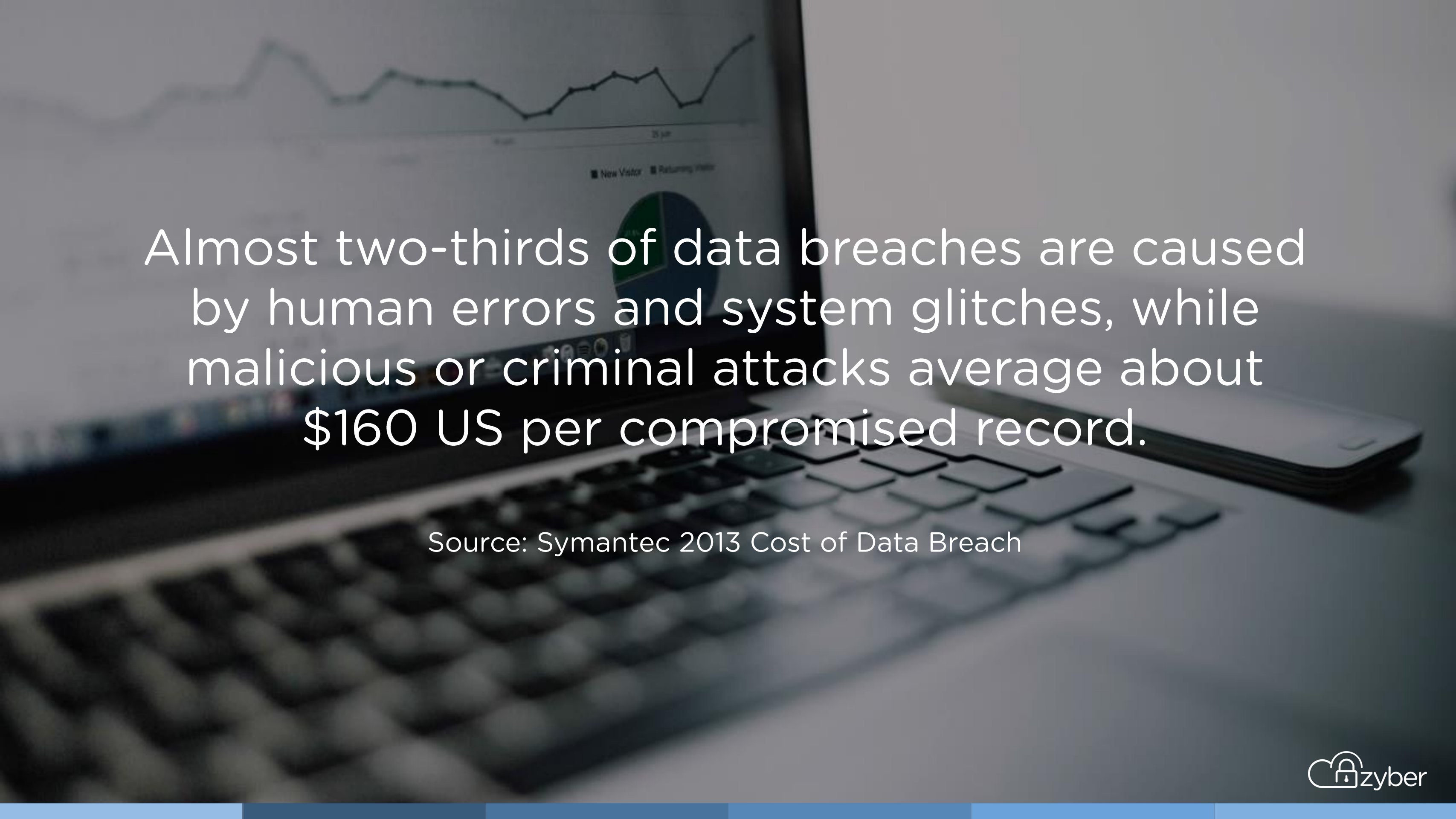
zyber

The average cost of a single, successful cyber attack is $300K US, and companies are attacked
an average of 2 million times per week.

Source: IBM X-Force Trend and Risk Report

zyber

Almost two-thirds of data breaches are caused by human errors and system glitches, while malicious or criminal attacks average about $160 US per compromised record.

Source: Symantec 2013 Cost of Data Breach

Healthcare experiences the most costly data breaches at $233 US per lost record, followed by financial services at $215 US and pharmaceuticals at $207 US.

Source: Symantec 2013 Cost of Data Breach

zyber

Market Analysis

Gartner's "Unprotected Cloud File Shares and Shadow IT Threaten Data Security" Published 17 July 2014 recognizes the problem introduced by Shadow IT; Box, DropBox and other cloud based providers of File Sharing services.

Gartner recommends:

- Develop data security policies for access to approved services in cooperation with business stakeholders to address data residency and compliance issues.

- Use encryption to protect intellectual property or to address compliance and data residence issues.

- Implement enterprise level access controls for all cloud file-sharing services.

zyber

Traditional Mobile Security

Mobile Security 1.0 focuses on building better fences and detection ability to protect at risk data.

- The model of "plugging holes" in security fences is not effective as it can only respond after a breach occurs.

Mobile Security 2.0 focuses on building a better security platform so that data is not put at risk in the first place.

- Zyber is a solution that restricts the flow of sensitive data so that "data in motion" threat vectors are neutralized.

zyber

Mobile Security 1.0

DECENTRALIZED PLATFORMS OFFER DECENTRALIZED OR LIMITED CONTROL.
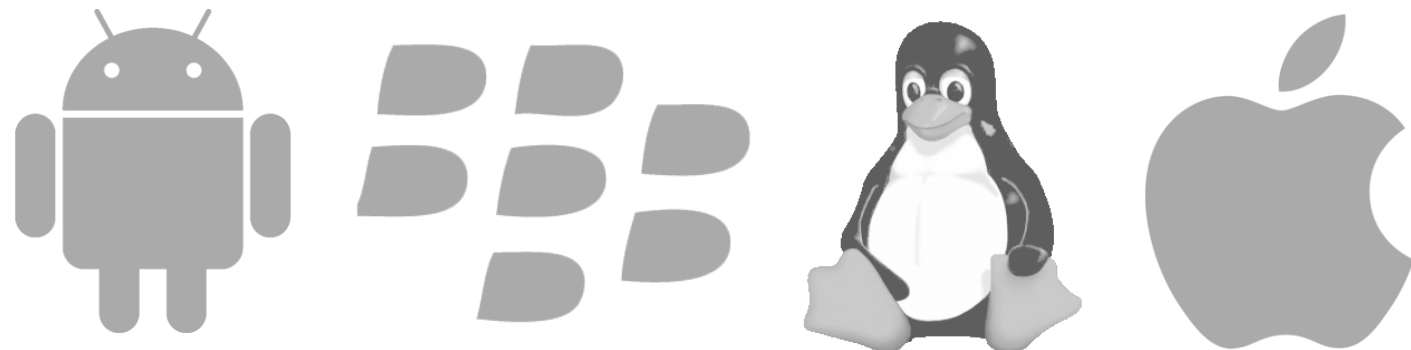
Mobile Security 2.0

ZYBER'S CENTRALIZED PLATFORM PROVIDES CENTRALIZED CONTROL.

zyber

If you want to control your data you must utilize a centralized platform.

Platform Highlights

Zyber allows you to transact, share data and collaborate across multiple devices and operating systems all within one, easy to install secure platform.

Zyber provides enhanced control and security without leaving a digital footprint on anyone's device. If a negligent end user loses or otherwise compromises a device, *it contains no data*.

Zyber virtually eliminates the negligent end user as a threat to the security of mobile networks.

zyber

Platform Highlights

Zyber addresses Gartner's Shadow IT concerns:

- Zyber addresses compliance issues by providing control and audit functionality within the enterprise's data center. Zyber thus addresses data residency concerns and hands back control of the confidential information to the enterprise and out of the cloud.

- Zyber addresses privacy concerns by providing strong encryption controlled by the enterprise to protect intellectual property and other confidential information in shared files within appliances at the location of the enterprise.

- Zyber implements enterprise-determined access controls for all cloud and private cloud file-sharing services.

zyber

Platform Highlights

Zyber's solution....

- ...enhances mobile worker productivity, and avoides the use of personal services at work.

- ...enables secure content access and sharing, even with external parties, on mobile devices.

- ...simplifies access to file servers and other content repositories, with optimized apps.

- ...eliminates FTP servers and email attachment practices, with more effective ways to transfer content.

- ...introduces efficient tools to support modern collaboration without exposures.

Building the Platform

ZYBER is comprised of 4 pillars of technology.

Together they function as a secure solution that allows you to seamlessly transact, share data and collaborate across any device and operating system.

C: Drive Backup

Mobile Touch Virtualization

Secure File Sync

Open Source Visualization
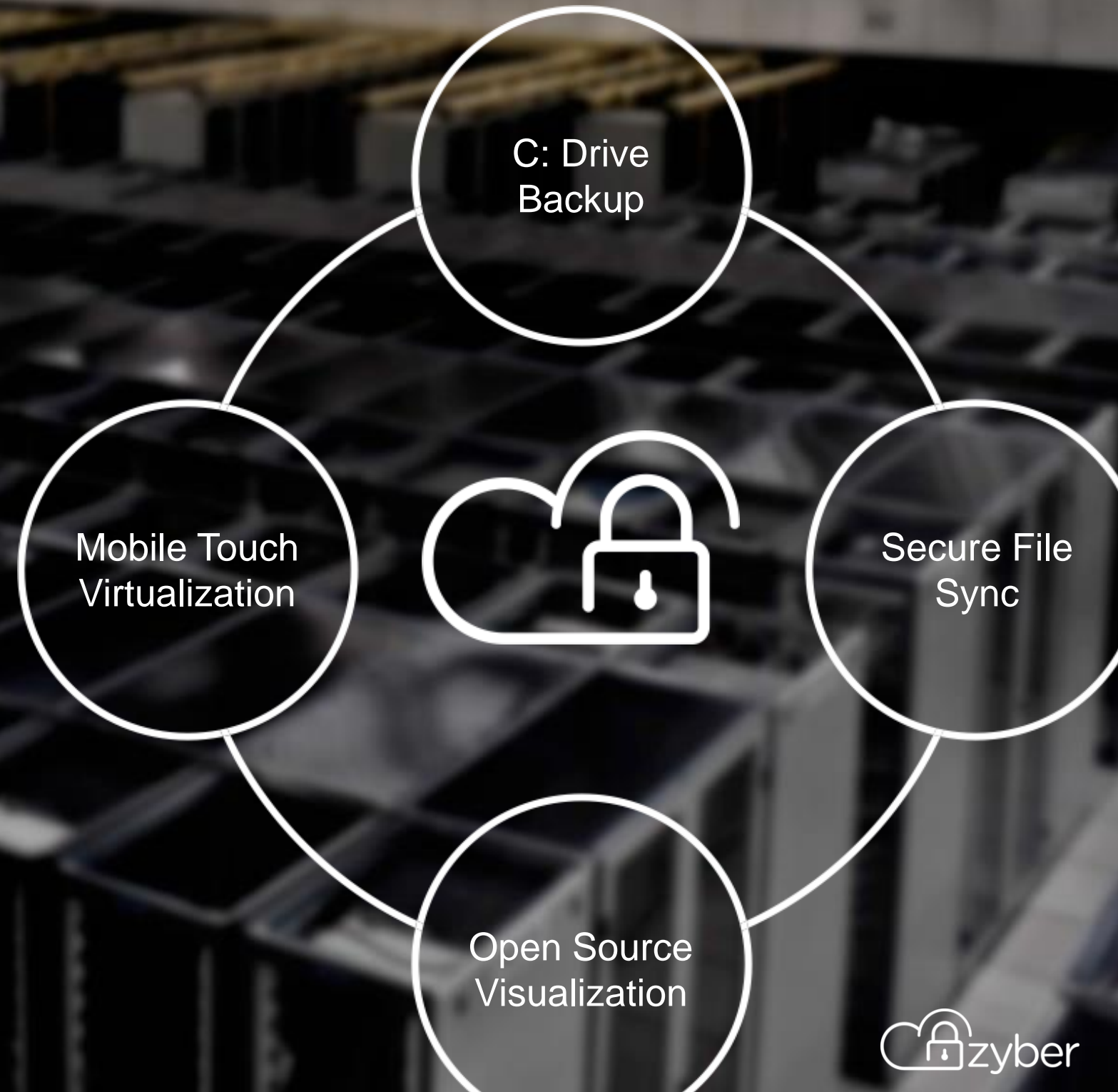
zyber

How The Platform Works

• Zyber utilizes a proprietary server appliance to store and protect data behind a professionally managed firewall.

• Zyber utilizes 256bit military/banking grade symmetric encryption along with two additional trade secret technologies to secure Zyber data at rest.

• Zyber protects data in motion by projecting virtual images to serialized view clients on any device looking to access the data. Streaming images of the data are **encrypted at the pixel level** and can be manipulated and saved by the end user.

•Zyber removes the end user as a potential threat vector as data does not move to the end users device. If the end user's device is lost, IT CONTAINS NO DATA.
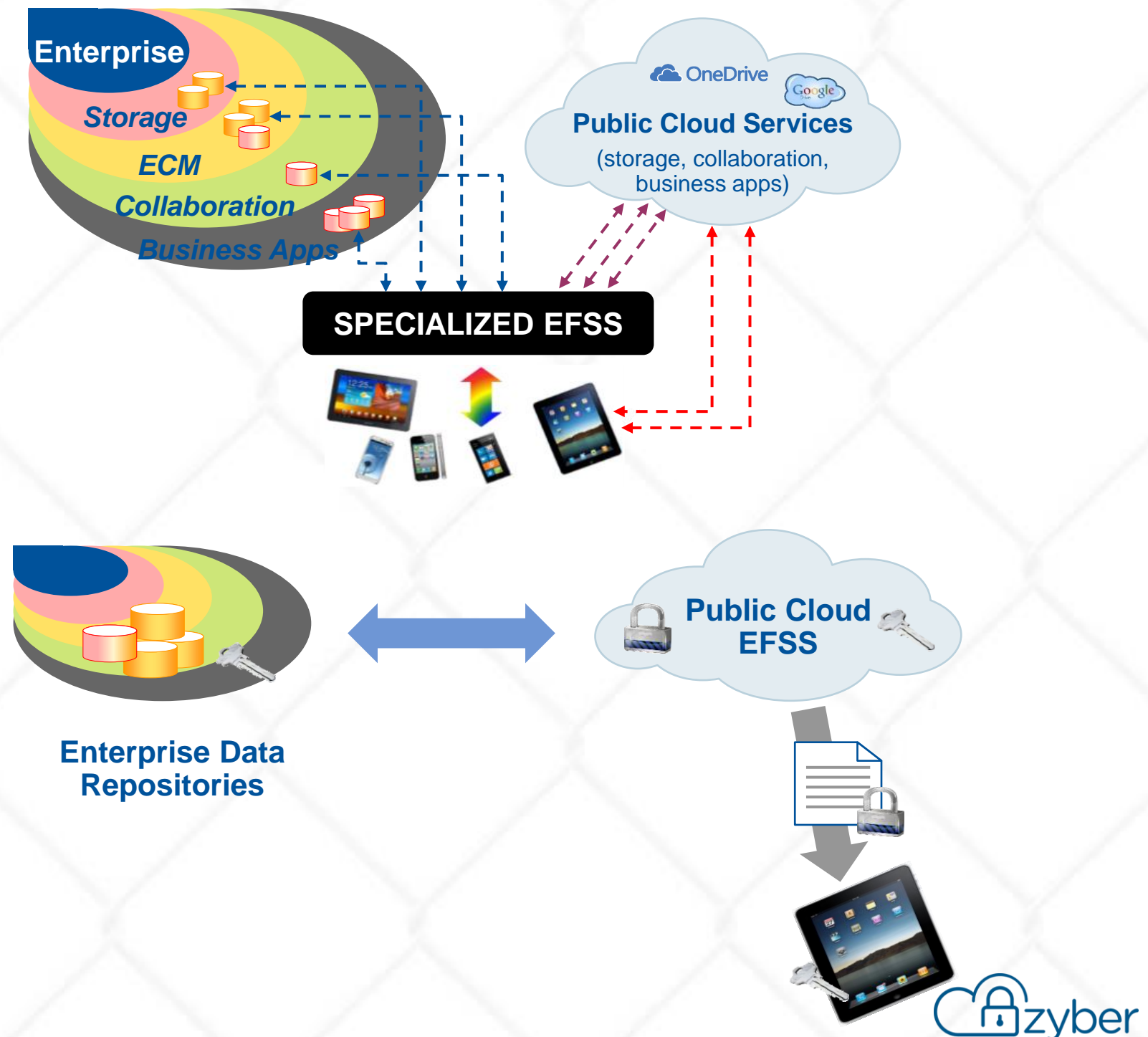
Platform Roadmap

Pillar 1:
- Encrypted USB Virtualized Desktop (UVD)
- * Windows & Mac
- * Hardened OS
- Stand alone solution
- Proof of Concept trial completed

COMPLETED

Pillar 3:
- Open Source Virtualization Appliance (OVA)
- The Evolution of SFS
- * PCoIP Security & Encoding
- DATA DOES NOT MOVE

IN PROGRESS

Pillar 2:
- Secure File Sync (SFS)
- Stand alone solution
- Proof of Concept trial completed
- Commercialization imminent
- Core Platform Building block

COMPLETED

Pillar 4:
- Virtualize Windows 8.1
- Create Surface Pro Tablets on any device
- Virtual Android on any device

Q2 2016

zyber

Pillar 1 Highlights

Secure Virtual Desktop on a Hardened High Performance Solid State USB Drive with C: Drive Backup and Disaster Recovery capability

Features:

- Creates a clean and secure computing "loop" for remote access to sensitive documents on enterprise networks.

- Run OS of choice (Windows or Mac) anytime, anywhere. Enhanced security as virtual Windows environment is run within a hardened Linux wrapper.

- HARDENED END POINT DOES NOT BOOT UP HARDRIVE OF HOST PC OR LAPTOP circumventing any viruses or malware that may be present.

- Centralized Server Management - IT manages updates centrally and pushes them out to decentralized hardened end points.

- Faster & Cheaper compared to Centralized Virtual Desktop Infrastructure. – 2 to 3X faster with reduced CAPEX for hardware and reduced OPEX for support.

zyber

Pillar 2 Highlights

Private Cloud Secure File Synchronization

Features:
- Provides "Dropbox like" functionality with enhanced security all within a clean, hardened environment via the USB or accessible on mobile devices.

- Strong Security – Files are Encrypted and Shared Securely between Devices.

- Superior Performance - Files Sync between Desktops, Laptops, Mobile Devices and Servers

- Move Large Files between Multiple Devices Share Files between Multiple Users

- Shared Files act like Network Drives Replicating the Functionality of a LAN

- Automatically Encrypts Files

zyber

Pillar 3 Highlights

Open Source Virtualization Appliance

Features:

- Integrates Secure File Synchronization and C: Drive BU/DR pillars into a secure virtual mobile platform.

- Encrypted pixels streamed from a virtualized server appliance for enhanced security.

- DATA DOES NOT MOVE.

- Enhanced Speed & Security .

- Hardened View Clients available for PC, Mac, iPhone, iPad, Android Phones & Tablets.

- Virtual environments as fast as physical desktops.

- Built on open source code so there is no requirement to pay expensive software licensing costs.
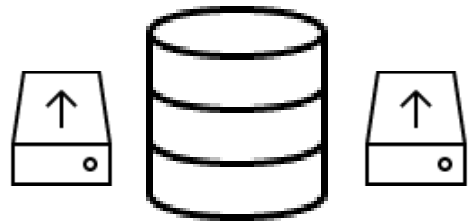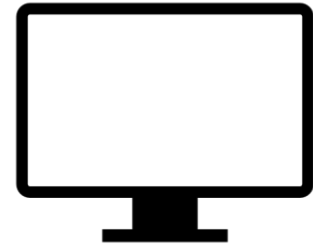
zyber

Pillar 4 Highlights

MOBILE TOUCH VIRTUALIZATION

Enhanced end user experience. Use Windows 8.1 applications seamlessly on your iPad or iPhone!

Featuring:

Appliance with High Performance SSD Drives

Runs in Isolation from Apps on Mobile Device

Virtualized Surface Pro & Android environments at blazing speeds.

Supports all Mobile Devices

Competitive Landscape
Secure File Synchronization

Product Comparison	Dropbox	SugarSync	Microsoft One Drive	Box	Google Drive	Zyber
Syncs Files Between Multiple PC's and Macs	✓	✓	✓	✓	✓	✓
Syncs Files Between Multiple Mobile Devices	✓	✓	✓	✓	✓	✓
Uses Encryption to Safeguard Files	✓	✓	✓	✓	✓	✓
Designed for Conventional Backup					✓	✓
File Sync in-house Appliance option						✓
Acceptable for Use by Canadian Government						✓
File Sync for BC/DR with Virtual Desktops						✓
Centralized/Decentralized Hybrid Virtualization Topology					✓	✓
Portable Virtual Desktop with User Data with SFS	✓	✓	✓			✓

zyber

Competitive Landscape
Virtualization/Secure Communication

Product Comparison	VMWare	Citrix	Microsoft	Dell	Moka5	Iron Key	Samsung	Blackberry	Mobile Spaces	Zyber
Available for Windows Desktop Virtualization	✓	✓	✓	✓	✓	✓				✓
Secure Mobile Solution for Andriod	✓				✓	✓	✓	✓	✓	✓
Secure Mobile Solution for Apple iOS								✓	✓	✓
Secure Mobile Solution for Blackberry								✓	✓	✓
Virtualize Entire Desktop OS and Applications	✓	✓	✓	✓	✓					✓
Virtualize Entire Mobile OS and Applications	✓									✓
Secure Linux Wrapper around OS						✓	✓	✓	✓	✓
Centralized/Decentralized Hybrid Virtualization Topology					✓					✓
Centralized Server Control	✓	✓	✓	✓	✓			✓	✓	✓
Virtual Performance as Fast as Physical Device					✓					✓
Secure File Sync (SFS) of C: Drive Data	✓	✓	✓							✓
Business Continuity and Disaster Recovery by SFS										✓
Portable Virtual Desktop with User Data with SFS	✓	✓	✓							✓
Hardware Solution for Secure File Syncronization										✓

zyber

Verticals

The Zyber platform can be deployed behind an enterprise's firewall or via our proprietary server appliances allowing end users to enjoy:

- Secure Banking
- Secure File Sharing
- Secure email/SMS
- Secure Payments
- Secure Internet Access
- Secure VOIP
- Secure Video Conferencing

- Secure Patient Records
- Secure sharing of AutoCAD and Medical Imaging Files
- Secure Virtualized Desktops

zyber

Recent Accomplishments

- Executed development agreement with Teradici

- Outsourced marketing agreement with Rival Schools

- HOA signed with ASX listed vehicle

- Development agreements in place

- Product management agreement in place

- Secondary software development agreement being negotiated for additional development and QA resources.

zyber

Next Steps

- Buildout Product
- Refine and test key management and additional encryption system management
- 1 Manager, 8 developers, 2 QA engineers
- Build routes to market and capture significant customer base in key industries
- Direct & Inside sales to target F1000 & Medium Enterprises
- Build Hosted Channel Model (Telus) – Medium Businesses
- Execute Agreements with Referral and Reseller Partners
- Capture Market Share Fast (Land Grab!)
- Kick Start Program – F1000
- Demand Generating Marketing Programs
- Referral Programs
- Build Zyber Brand Awareness
- Publicize customer wins through successful solutions
- Zyber Marketing Buzz translating into Zyber Sales
- Establish methodology as the industry leading organization and technology for local secure file sharing management.

Future Roadmap

- Build an Engineering/Development/QA Team
- Focused CEM development resource
- Additional development resource(s) for product line expansion (e.g. key mgt)
- Additional QA
- Build Product Marketing/Management
- Hire Product Marketing/alliance Manager
- Begin a Demand Gen/ Channel Marketing Campaign
- Build a Sales team for Direct Selling as the product completes development
- Direct Reps
- Inside lead Generation (Direct Sales Support)
- Inside Sales (Kick Start Expansion Orders)
- Develop Channel Capability
- Add Channel Managers (initially referral moving to resellers)
- Put Zyber on an appliance, Multi-tenant product
- Hire Sales Engineers as product acquires market share
- SE/SME capable of up-selling (with inside rep) through strong customer support

zyber

Thank You

zyber