

# **Innovation Series: Backup as a Service, Compliance as a Service, & Cloud Services**

**Webinar**

Q4 2021



# About Xceptional

- **Who We Are:** The company was established in 2007 by Chris McKewon as Xceptional Networks, a value-added reseller and network integration company. Today we are an award-winning provider of Managed IT and Security Services.
- **Who We Serve:** Over 350 Small, Mid-Sized, National, Global clients across dozens of regulated industries.
- **What We Do:** Provide proven technologies, consulting and managed services that align IT systems and applications with business goals, accelerating the realization of business objectives.
- **How We Do It:** We employ highly experienced and certified IT, network, and communications engineers, project managers, and consultants that leverage proven processes, systems and best practices for designing, building, operating, protecting, and maintaining critical business systems and applications.
- **Local Response with Global Support:** One location in Southern California supporting local, regional, national, international clients.



**Our Passion:** As a core values driven company our team is driven to provide an Xceptional customer experience that is delivered through Xceptional knowledge and support, creating Xceptional value for customers and partners.

# Timeline & Corporate Evolution



2007  
2008

- Xceptional Networks Launch, Initial Customer Network & Data Center Projects
- Cisco Reseller Authorization
- Microsoft Reseller Authorization
- HP Reseller Authorization
- **20 Clients Served Across 8 Industries**



2009  
2011

- Portfolio Expansion
- VMware Reseller Authorization
- Hosting, Colocation, Cloud Services
- **100 Clients Served Across 10 Industries**



2012  
2015

- Expansion into mid market, new industries
- New Technologies Added to Portfolio
- Technology and Employee Investments
- **200 Clients Served Across 14 Industries**



2016  
2019

- Rebranded as Xceptional
- Initial Launch of Managed Services Offerings
- Expanded industry partnerships with cabling, construction firms
- **300 Clients Served Across 24 Industries**



2020  
2021

- Regional Expansion Planning
- Investment, Acquisition Fund Established
- Leadership Team & Employee Investments
- New BAAS, CAAS, Security Portfolio Offerings
- Most Promising MSP Recognition (CIO Review)
- MSP 501 Newcomer of the Year 2021
- **350 Clients Served Across 34 Industries**

# Industry Trends: Spending

– Gartner October 2021

**Worldwide IT spending is projected to total \$4.5 trillion in 2022**, an increase of

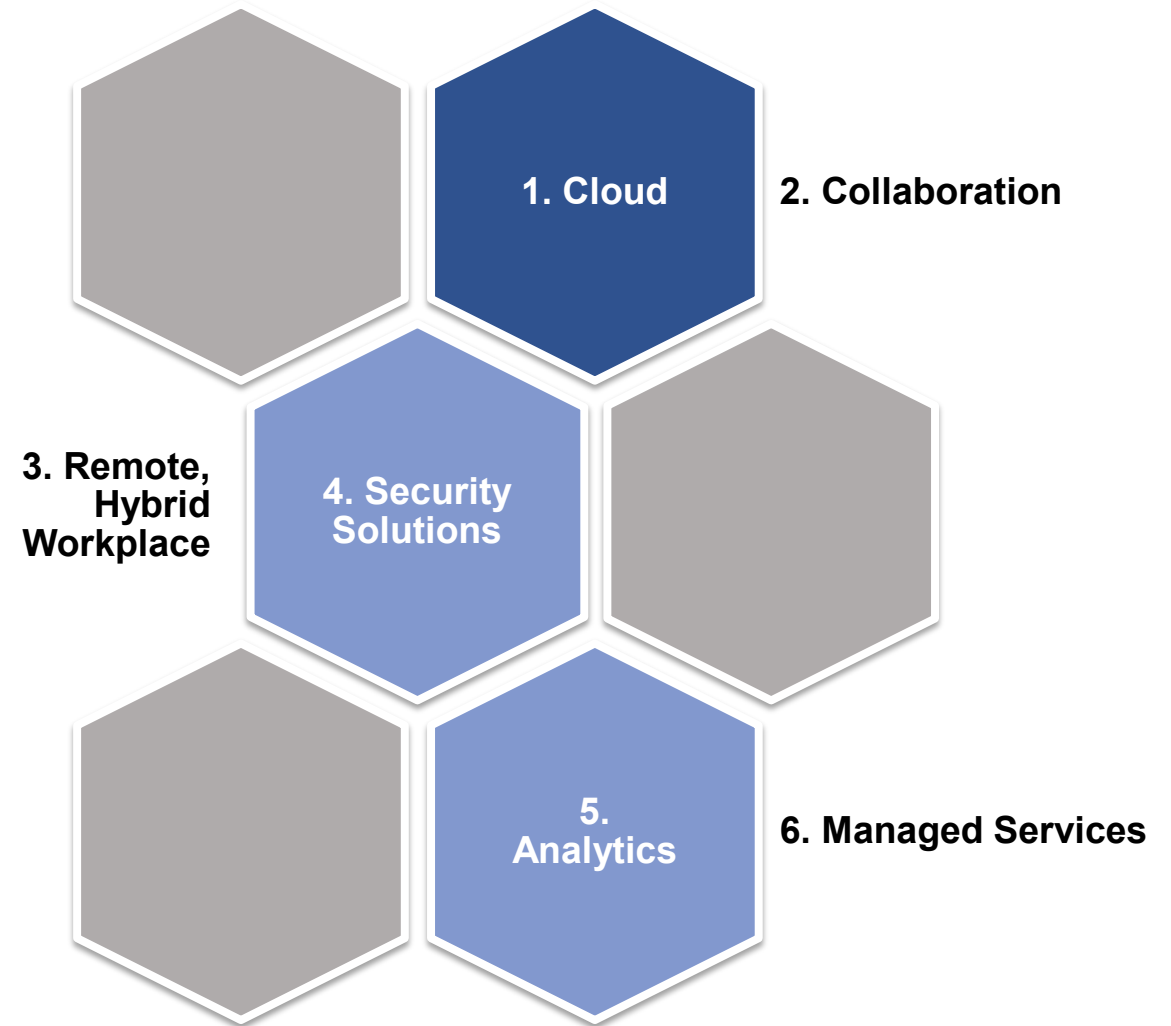
5.5% from 2021, according to the latest forecast by Gartner, Inc.

Segment	2020 Spending	2020 Growth	2021 Spending	2021 Growth	2022 Spending	2022 Growth
Data Center Systems	178,836	2.5	196,142	9.7	207,440	5.8
Enterprise Software	529,028	9.1	600,895	13.6	669,819	11.5
Devices	696,990	-1.5	801,970	15.1	820,756	2.3
IT Services	1,071,281	1.7	1,191,347	11.2	1,293,857	8.6
Communications Services	1,396,334	-1.5	1,451,284	3.9	1,482,324	2.1
Overall IT	3,872,470	0.9	4,241,638	9.5	4,474,197	5.5

“Digital tech initiatives remain a top strategic business priority for companies as they continue to reinvent the future of work, focusing spending on making their infrastructure bulletproof and accommodating increasingly complex hybrid work for employees going into 2022.”

# 2021 Top Business Issues, IT Priorities

- TechAisle Research 2021



# Cloud, IaaS, BaaS, CaaS Business Drivers

BUSINESS SITUATION	IT USE CASES	DIFFERENTIATION	
<b>Cost reduction, spend visibility, hyper scale, resiliency.</b>	<b>Repatriation</b> Migrating Data between, Clouds, DCs and Co-Los	<ul style="list-style-type: none"> <li>• No AWS / AZURE lock-in</li> <li>• Consistent performance</li> <li>• Cost savings &amp; predictable costs</li> </ul>	<b>Greater cloud flexibility, no vendor lock-in</b>
<b>Contain and reduce IT overspending.</b>	<b>CAPEX → OPEX at the Edge</b> How do we model Compute & Storage as a Service	<ul style="list-style-type: none"> <li>• Select a partner and site that supports 100% pay as you go.</li> <li>• Up or down, by the hour</li> <li>• Full set off OpEx Services without committing to a Hypercloud</li> </ul>	<b>Utility-based pricing for IT</b>
<b>Enhanced employee and customer engagement, efficiency.</b>	<b>Edge &amp; Latency</b> Needing cloud services closer to the source of data	<ul style="list-style-type: none"> <li>• Lower latency, higher performance vs public cloud locations</li> <li>• Full suite of cloud services at the point of need</li> <li>• Your DC, Co-Location or Partner Data Centers</li> </ul>	<b>Optimized IT service delivery to customers, employees</b>
<b>Rapid response to market demands and needs.</b>	<b>Utilize Local partnerships,</b> Knowledge and Infrastructure for Production, DR & Backup.	<ul style="list-style-type: none"> <li>• Not simply being a NUMBER</li> <li>• Someone to call for support and questions</li> <li>• Completely connected to your success</li> </ul>	<b>Personalized support, IT services</b>
<b>Architect the business, IT systems and services to scale.</b>	<b>Technology Refresh</b> Needing to keep IT resources current at a reduced costs	<ul style="list-style-type: none"> <li>• Move to new technology when the timing is right</li> <li>• Accomplished 100% on the fly</li> </ul>	<b>Keep up with business / market changes, demands</b>





# Internal Obstacles

**RESOURCES:**  
Limited or lack of expert resources to develop and implement these plans.

**TECH DEBT:**  
Older technology that is outdated and potentially fragile or unstable.

**FUNDING:**  
Lack of visibility into, or lack of access to capital required for this type of change.

**PRIORITIES:**  
Too many competing priorities and not enough understanding of the value.

**RISK / REWARD:**  
Lack of insight into the risks associated with not doing this vs the business value.

**ROADMAP:**  
Understanding where, how to begin AND when the effort will be completed.

# Industry Realities

*IT Project Failure Rates and IT System Downtime*

**70% of IT Projects Fail.**

**55% of PMs cite budget overrun as a reason for project failure.**

**The lack of clear goals and flawed requirements are the most common factors for project failure (37%).**

**44% of projects fail due to a lack of alignment between business and IT project objectives.**

**62% of successfully completed projects had supportive executive sponsors.**

**Designing, building, operating, maintaining, and supporting business IT systems and applications is a time consuming, costly and complex task.** *It requires specialized skills, robust project management, and executive oversight in order to be successful. The odds are against most organizations that attempt to run IT systems, applications or major projects inhouse with minimal funding and resources.*

[Xceptional.com](https://xceptional.com)



## Top Causes of IT System Downtime

- Human Error
- Cyber Attack**
- Equipment Failure
- Software Failure
- Natural Disasters
- Power Surge
- User Surge



# Portfolio Evolution: Addressing Market Needs



IT Network & System Architecture, Design, Implementation, Run, Operate, Maintain



- Remote and Onsite Managed Services Support
- 24 x 7 Monitoring and Management of Desktop, Network, Phones, and Applications
- Multiple Support Levels to Fit Your Business, Budget
- Virtual CIO: Quarterly Technology Reviews and Reporting. Includes Strategic IT Planning, Updates to Plans, Standards, Maintenance, and Support Levels



- Design, Deployment, and Management of Telepresence and Video Solutions
- Voice, Video, and Web-based Conferencing
- Real Time Communications on all Devices
- Cloud, Onsite, and Hybrid Communications Solutions



- Strategic enterprise-class Data Center and Hosting Services. IT Software, Services, Applications, Email, and Network Solutions (**Hosting, IaaS**)
- Backup & Recovery Solutions (**BaaS**)
- Compliance as a Service Solutions (**Caas**)
- **Cloud Storage** Solutions
- Virtualization



- Networking Solutions Driving Technology and Business Operations
- Routers/Switches
- Wireless Mobility Solutions
- Security Solutions and Security as a Service
- WAN Optimization

# Cybersecurity Drivers: Growing Tsunami of Attacks

- Microsoft, National Security Institute, Security Magazine 2021

## Global threat activity

Select region ▾

Countries or regions with the most malware encounters in the last 30 days

**“Experts estimate that a ransomware attack will occur every 11 seconds in 2021. The number of ransomware attacks nearly doubled in the first half of 2021.”**

**“Every 39 seconds, there is a new attack somewhere on the Web. That is about 2,244 attacks occurring on the internet daily in 2021.”**

**“The number of data breaches through September 2021 has exceeded the total number of events in full-year 2020 by 17%.”**

**“There were 1,767 reported breaches in the first six months of 2021, exposing a total of 18.8 billion records. Some industries have experienced 200% - 3000% growth in cyber incidents over the last 36 months.”**

# Introducing: Backup as a Service (BAAS)

*Since 2007 Xceptional has helped organizations across dozens of industries with innovative, and proactive data protection, recovery, and backup solutions. We help customers to design, develop, implement and manage business continuity and disaster recovery solutions to ensure business operations can be restored incase of an emergency, cyber attack, or IT outage.*

**Xceptional's Backup as a Service (BAAS) offering is built upon a scalable and resilient cloud infrastructure, using best-in-class data privacy, protection, and recovery technologies. Each BAAS solution is modified to address your unique business, financial, and regulatory compliance requirements.**

Backup as a Service includes:

- ✓ Monthly BAAS Subscription
- ✓ Veeam Backup Software Licensing
- ✓ Zadara Cloud Storage Subscription
- ✓ Cloud Compute (as needed)
- ✓ Colocation Services (as needed)
- ✓ Ongoing BAAS System Testing, Management, Maintenance
- ✓ Backup, Workload, Environment Dashboard, Alerting, Reporting

*"Xceptional's 'hands-on' approach is ideal for a business with limited or no in-house IT expertise."*

- Julie Barnes, Partner at Jones Barnes LLC

***Xceptional's Backup as a Service solution is customized to address your unique recovery point objectives, and recovery time objectives – promoting business continuity and resilience while adhering to industry or federal regulations and data privacy laws.***

This reduces the risk, cost, and time associated with emergency response scenarios, business continuity and disaster recovery situations, and compliance management.

# BAAS: 3-2-1-1-0 Data Protection

Veeam's '3-2-1-1-0' data protection best practice ensures data is completely protected from threats of all types — even ransomware. (object lock data immutability)

3

different copies  
of data



2

different media



1

of which is offsite



1

of which is immutable  
or air-gapped

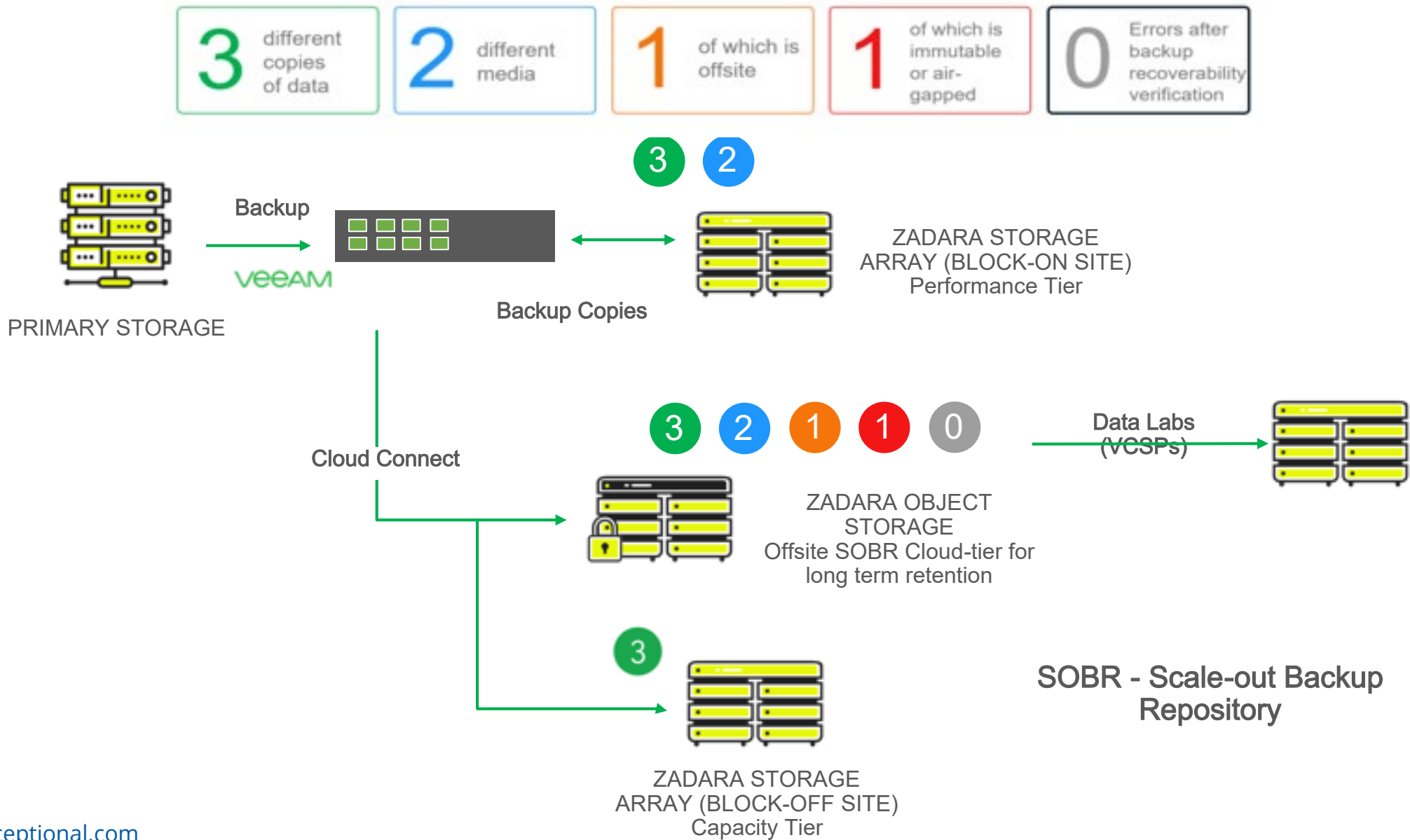


0

Errors after backup  
recoverability  
verification

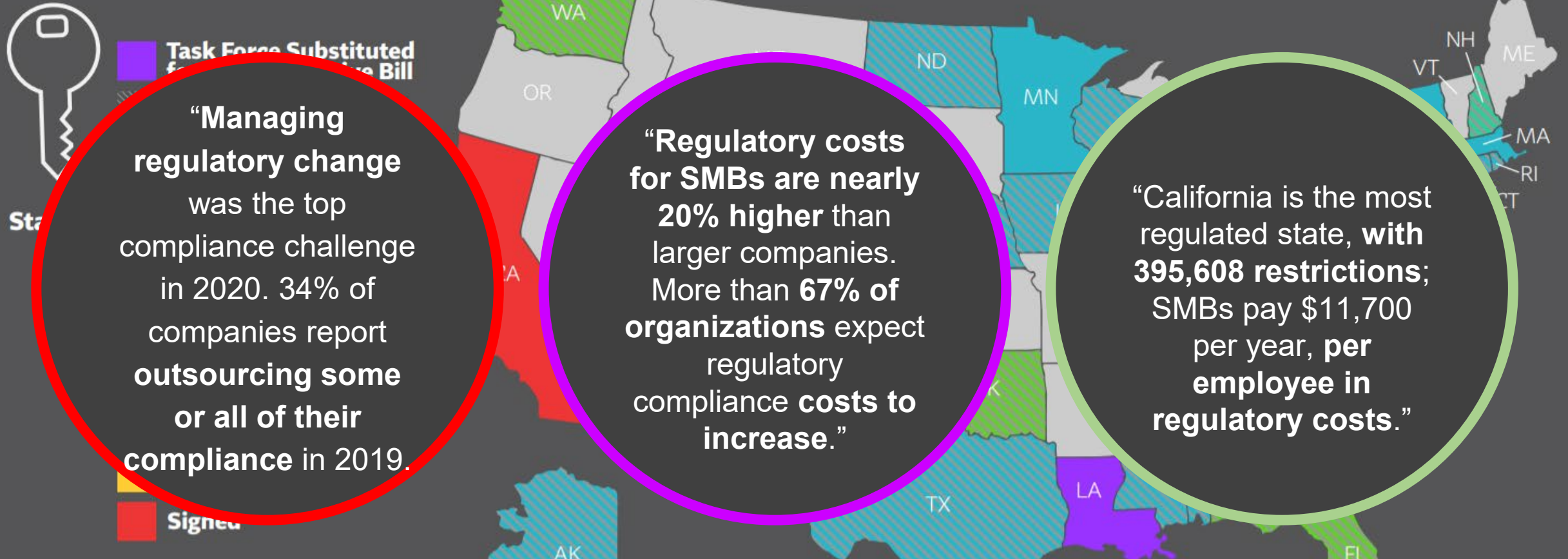


# BAAS: Ransomware Prevention



# Compliance Drivers: Growing Costs, Laws, Regulations

- iapp, Thomson Reuters 2021



Over the last 24 months 34+ States had data privacy statutes or bills under review. With **growing enforcement** actions around HIPAA and GDPR we expect more States to pass similar data privacy laws as within California, Colorado and Virginia.

Last updated: 9/16/2021

# Regulations & Compliance Frameworks: Growing Complexity

- [NIST 800-53](#): (256 Controls / 18 Families)
- CMMC [NIST 800-171](#) (110+ Controls)
- [NIST CSF](#): (5 Sections / 22 Categories (Functions) / 98 Subcategories (Outcomes))
- [CIS 20/CIS RAM](#): (1-6 Basic / 7-16 Foundational / 17-20 Organizational)
- GDPR
- CCPA
- NY DFS
- [PCI DSS](#): (6 Sections / 12 Requirements)
- [HIPAA](#): (3 Security Safeguard Sections / 18 Categories)
- HITRUST
- ISO/IEC 27001
- NCUA/ASET/AIRES
- FFIEC
- FINRA
- NERC-CIP
- SSAE-18 (16)
- SOX
- OWASP



Compliance is complex and can be costly. Very few companies have the time, resources to manage the process.

Xceptional can help reduce IT, Digital Transformation, compliance complexity and improve responsiveness and resiliency.

# Introducing: Compliance as a Service (CAAS)

*Since 2007 Xceptional has built a reputation as a collaborative, innovative, and proactive Managed IT Services Provider that delivers superior IT, security, and compliance solutions, helping customers to achieve positive business outcomes.*

**Xceptional's Compliance Manager is a compliance-as-a-service solution that provides quarterly scanning and reporting for various regulations and compliance frameworks such as CMMC, NIST CSF, HIPPA, GDPR, ISO 27001, and Cyber Insurance.**

The Compliance Manager solution can be customized to address your unique cybersecurity and compliance requirements, and includes:

- ✓ Annual Subscription
- ✓ Compliance Manager Software Module (*by regulation licensed*)
- ✓ One-time set up support
- ✓ Quarterly Scans
- ✓ Assessment Report
- ✓ 1 Hour Report Review/Recommendations Session
- ✓ Policies, Procedures, Evidence of Compliance Documents (*by regulation licensed*)
- ✓ Additional Supporting Documents and Worksheets

*"Xceptional's 'hands-on' approach is ideal for a business with limited or no in-house IT expertise."*

- Julie Barnes, Partner at Jones Barnes LLC

***Xceptional Compliance Manager also tracks the implementation of remediation activities and corrective actions, documenting compliance improvements and adherence.***

This reduces the risk, cost, and time associated with regulatory compliance management and provides valuable support during the audit process.



# Xceptional CaaS: What's Included



## Cyber Insurance:

- ✓ Compliance Manager One-time Set Up
- ✓ Annual Subscription
- ✓ Cyber Insurance Compliance Manager Software
- ✓ Quarterly Scans
- ✓ Assessment Report Delivery
- ✓ 1 Hour Report Review/Recommendations Session

## **Reports & Assets Included:**

- ✓ Cyber Risk Analysis
- ✓ Cyber Risk Management Plan
- ✓ External Vulnerability Scan Detail by Issue Report
- ✓ Network Assessment Full Detail Report
- ✓ Compensating Control Worksheet
- ✓ Personal Data File Scan Report
- ✓ Response Verification Reports
- ✓ Additional Supporting Documents & Worksheets

## GDPR:

- ✓ Compliance Manager GDPR One-time Set Up
- ✓ Annual Subscription
- ✓ GDPR Compliance Manager Software
- ✓ Quarterly Scans
- ✓ Assessment Report Delivery
- ✓ 1 Hour Report Review/Recommendations Session

## **Reports & Assets Included:**

- ✓ GDPR Compliance Checklist
- ✓ ISO 27001-213 Auditor Checklist
- ✓ EU GDPR Policies and Procedures
- ✓ ISO 27001 Policies and Procedures
- ✓ Risk Treatment Plan
- ✓ Data Protection Impact Assessment
- ✓ GDPR Evidence of Compliance
- ✓ Additional Supporting Documents & Reports

## NIST CSF:

- ✓ Compliance Manager NIST CSF One-time Set Up
- ✓ Annual Subscription.
- ✓ NIST CSF Compliance Manager Software
- ✓ Quarterly Scans
- ✓ Assessment Report Delivery
- ✓ 1 Hour Report Review/Recommendations Session

## **Reports & Assets Included:**

- ✓ NIST Auditor Checklist
- ✓ NIST Risk Treatment Plan
- ✓ NIST Risk Analysis
- ✓ Evidence of NIST Compliance
- ✓ NIST Policies and Procedures
- ✓ Additional Supporting Documents & Worksheets

## HIPAA:

- ✓ Compliance Manager HIPAA One-time Set Up
- ✓ Annual Subscription
- ✓ HIPAA Compliance Manager Software
- ✓ Quarterly Scans
- ✓ Assessment Report Delivery
- ✓ 1 Hour Report Review/Recommendations Session

## **Reports & Assets Included:**

- ✓ HIPAA Privacy Rule Worksheet
- ✓ HIPAA Breach Notification Rule Worksheet
- ✓ HIPAA Auditor Checklist
- ✓ HIPAA Policies and Procedures
- ✓ HIPAA Management Plan
- ✓ HIPAA Risk Analysis
- ✓ HIPAA Evidence of Compliance
- ✓ HIPAA Risk Analysis Update
- ✓ HIPAA Change Summary Report
- ✓ HIPAA Risk Management Plan Update
- ✓ HIPAA External Vulnerability Scan Detail
- ✓ Additional Supporting Documents & Worksheets

## CMMC:

- ✓ Compliance Manager CMMC One-time Set Up
- ✓ Annual Subscription
- ✓ CMMC Compliance Manager Software
- ✓ Quarterly Scans
- ✓ Assessment Report Delivery
- ✓ 1 Hour Report Review/Recommendations Session

## **Reports & Assets Included:**

- ✓ NIST 800-171 DoD Assessment
- ✓ Score Report
- ✓ System Security Plan (SSP)
- ✓ Plan of Action and Milestones (POA&M)
- ✓ NIST 800-171 Scoring Supplement Worksheet
- ✓ CMMC Assessor Checklist
- ✓ CMMC Risk Treatment Plan
- ✓ CMMC Risk Analysis
- ✓ CMMC Evidence of Compliance
- ✓ Additional Supporting Documents & Worksheets

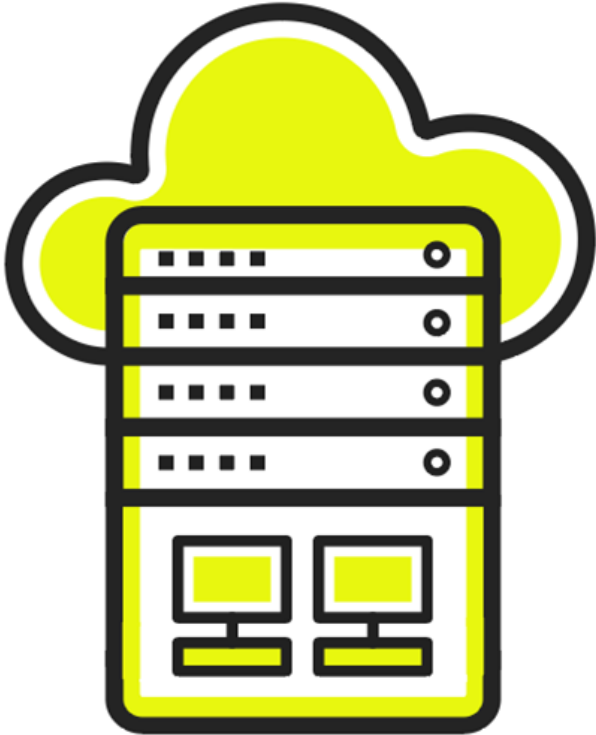
*A sample list of regulations and compliance frameworks that can be included within your Compliance Manager managed services deployment, followed by a summary of what is included within each subscription.*

*\*Subscriptions can be purchased ala carte or bundled with another Xceptional Care managed services or Security-as-a-Service solutions.*

zCOMPUTE

zNETWORK

zSTORAGE



ELASTIC CONSUMPTION-BASED USAGE

zCOMPUTE SERVICES  
EC2 COMPATIBLE APIs

ELASTIC COMPUTE/VMs

ELASTIC BLOCK STORAGE

VPC

LOAD BALANCER

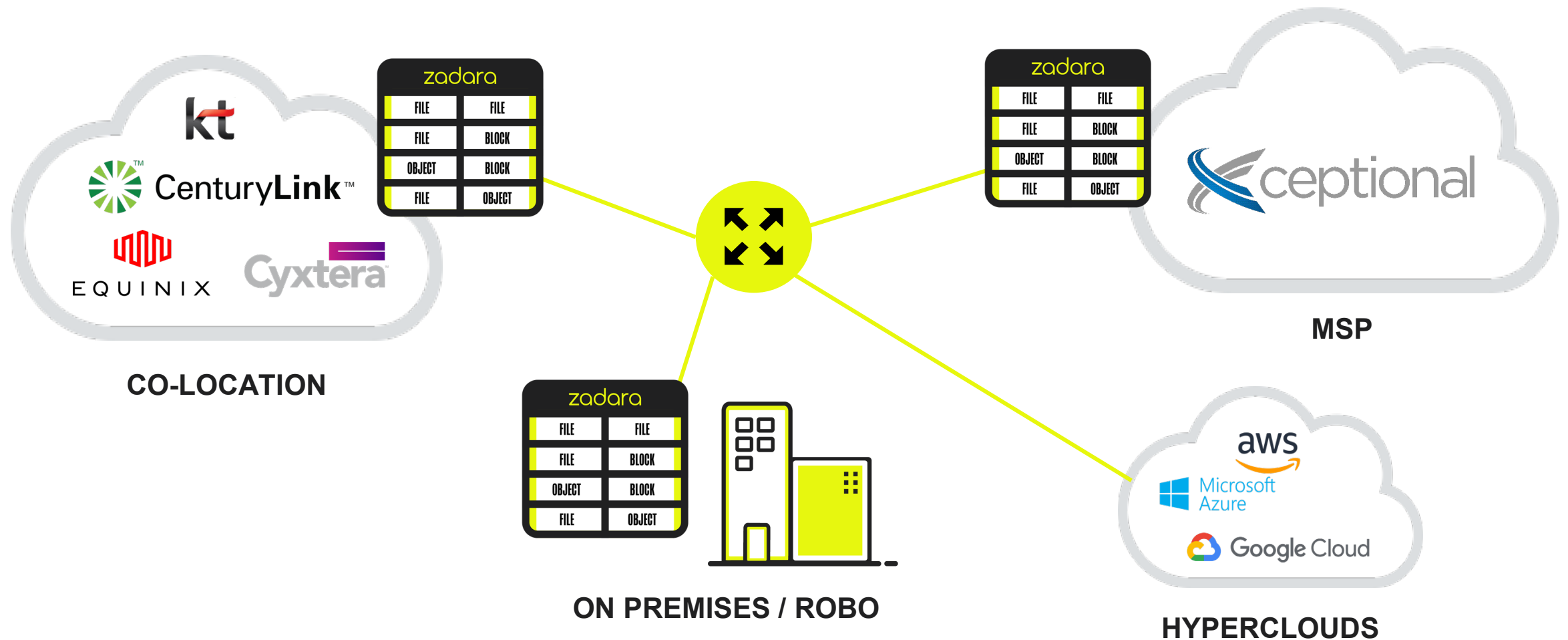
zSTORAGE SERVICES

BLOCK

FILE

OBJECT

# On Premise to On Premise, Cloud to Cloud, On Premise to Cloud



Xceptional cloud services enable you to operate from anywhere to anywhere — in 300 global locations on premises, at colocation facilities, service providers and in public clouds.

# Scalable, Resilient, Cost-Effective IaaS, BaaS, Cloud Storage Solutions



- ✗ Expensive
- ✗ Unpredictable costs
- ✗ Strong vendor lock-in
- ✗ Scarce / expensive support
- ✗ Storage with limited features
- ✓ AWS compatible
- ✓ 100% OpEx, pay per use
- ✗ Marketing & Sales Support
- ✗ Mutual Business Objectives



- ✗ Expensive
- ✓ Predictable costs
- ✗ Strong vendor lock-in
- ✗ Expensive support
- ✗ Shared block storage (vSAN)
- ✗ Not AWS compatible
- ✗ CapEx/license business model
- ✗ Marketing & Sales Support
- ✗ Mutual Business Objectives



- ✓ Affordable
- ✓ Predictable costs
- ✓ No-egress migration, multi-cloud
- ✓ Included support
- ✓ Full-featured enterprise storage
- ✓ AWS compatible
- ✓ 100% OpEx, pay per use
- ✓ Included Support
- ✓ Tethered to your success



# Why Cloud, IaaS, BaaS, CaaS?

- Drive Greater Customer & Employee Engagement While Improving Business Resilience

“PRODUCTIVITY:  
Disengaged  
workers make  
60% more errors  
than engaged  
workers.”

92%

of executives report that their organization is **innovating with an urgency** and call to action this year.

“RETENTION:  
Engaged workers  
are 87% less likely  
to leave the  
organization.”

25%-30%

of the workforce **will be working-from-home** multiple days a week by the end of 2021.

“REVENUE:  
Companies with  
engaged  
customers during  
the pandemic  
drove sales.”

91%

of buyers miss shopping in-store. **Customer-centricity needs to be a top priority.**

# Reinvent, Innovate, Master Change

— Accenture 2021

“It’s become clear that **there is no leadership without technology leadership**. The recent rapid digital acceleration has placed technology as **the cornerstone of global leadership**.”

**83%**

of executives agree that their organization’s **business and technology strategies are becoming inseparable**, even indistinguishable.

[Xceptional.com](https://xceptional.com)

“Companies looked at operations and **saw fragile supply chains, untrustworthy information and radically new customer needs**. As they’ve adjusted to these realities, **the most successful ones have become Experts at Change**.”

**92%**

of executives report that their organization is **innovating with an urgency** and call to action this year.

“Companies are no longer competing for market share; they are **competing to build their vision of the future** faster than the competition. **Success will depend on their ability to accelerate and manifest change** in all parts of their business.”

**91%**

of executives agree capturing tomorrow’s market **will require their organization to define it**.

# Wrap Up

Most executives we speak to are seeking ways to improve business resiliency, drive greater employee engagement and productivity, and looking for more creative, scalable, and innovative ways of reaching and supporting customers.

The amount of time, energy, effort, and resources required to align IT systems and business applications with the current demands of the market, business, and customers is significant.

You are not alone. Xceptional's portfolio of superior and proactive managed services and technology solutions can help!

As a leading, award winning provider of Managed IT Services, Networking, and Security Solutions, Xceptional is committed to helping customers transform their IT systems and successfully navigate technology change to thrive in the new reality!



## Thank You!

Visit our [resources page](#) to access more information about our cloud offerings and services!

Request a [complimentary cloud or security assessment](#) email us at [info@xceptional.com](mailto:info@xceptional.com)

**xceptional.com | 858-225-6230**