



# Expect the Unexpected

Getting Ready with Business Continuity

# Audits are hard.

We get it, the audit process is complicated and overwhelming.

# Todd Atnip

## Director Advisory Services | CISSP

Todd is a certified IT and Security Professional with 38 years of experience in multiple technology disciplines and industries. In addition to many years of hands-on and leadership experience in software development, networks, data management, and strategic consulting, Todd has more than 10 years of executive IT experience as a VP and CIO. Todd works with KirkpatrickPrice clients in an advisory role helping them build sustainable, best practice information security programs.



# Agenda

- 1. Threat Overview**
- 2. Best Practices of BCP/DR**
- 3. Cloud and BCP**
- 4. Recap and Questions**

**\$8 TRILLION**

**2023 Estimated Global Cost of Cybercrime**

Source: Cybersecurity Ventures

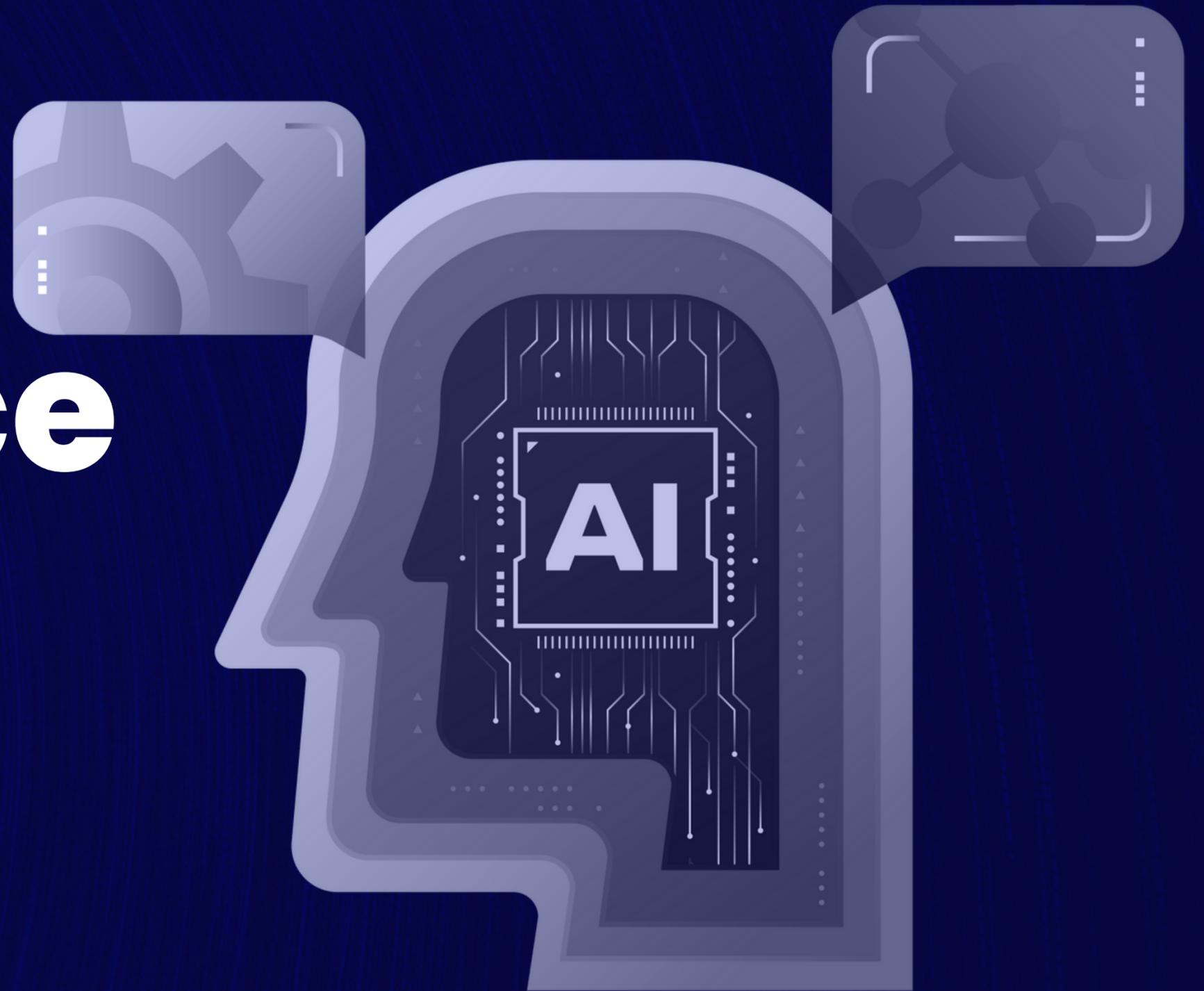
# \$265 BILLION

Annual Cost of Ransomware by 2031

Source: Cybersecurity Ventures

# Artificial Intelligence

From fad to phenomenon



# Organizational Disconnect

92% business execs agree business continuity is integrated into enterprise risk-management strategies.

**Only 55% cybersecurity leaders surveyed agree.**

Source: Cybersecurity Ventures

# Getting Started

Business Continuity and Disaster Recovery

# What is a Business Continuity & Disaster Recovery Plan?

A deliberate and actionable strategy to ensure service delivery in the event of a major disruptive event impacting essential business functions, processes, or technologies.

# What is Business Impact Analysis?

A business impact analysis (BIA) is the process of determining the criticality of business activities and associated resource requirements to ensure operational resilience and continuity of operations during and after a business disruption.

# Why is Business Impact Analysis Important?

The ability to effectively prioritize activity when executing a BCP/DR plan is driven by the BIA. Additionally, the BIA assesses and informs on recovery time requirements (RTO / RPO). These should be performed at function or process levels at least – sometimes at asset levels. A key outcome of this activity is reconciling any disagreements on recovery priorities.

# Business Impact Analysis

## Key Elements:

- Financial, Operational, even Reputational Impact
- Prioritized/Dependency of critical functions and processes
- Quantified recovery timeframes and data requirements
- Resources and dependencies
- Enterprise alignment

# What is an Actionable Plan?

A framework that contains all categories of action required to make sure the essential elements of your service delivery are recovered both timely and effectively.

“what to do when it needs to be done by who needs to do it and how”

# An Actionable Plan

## Key Elements:

- Clear disaster declaration criteria
- Role definition
- Communication Essentials
- Restoration Procedures
- Testing Cycles
- Detailed Appendices



# Key Components

Business Continuity and Disaster Recovery

# Recovery Categories

- Technology
- People
- Facilities
- Supply Chain





# Technology

## Key Elements:

- Technology Components
- Backup and Restore Strategies
- Data File Backups
- Software Backups
- Communications

# People

## Key Elements:

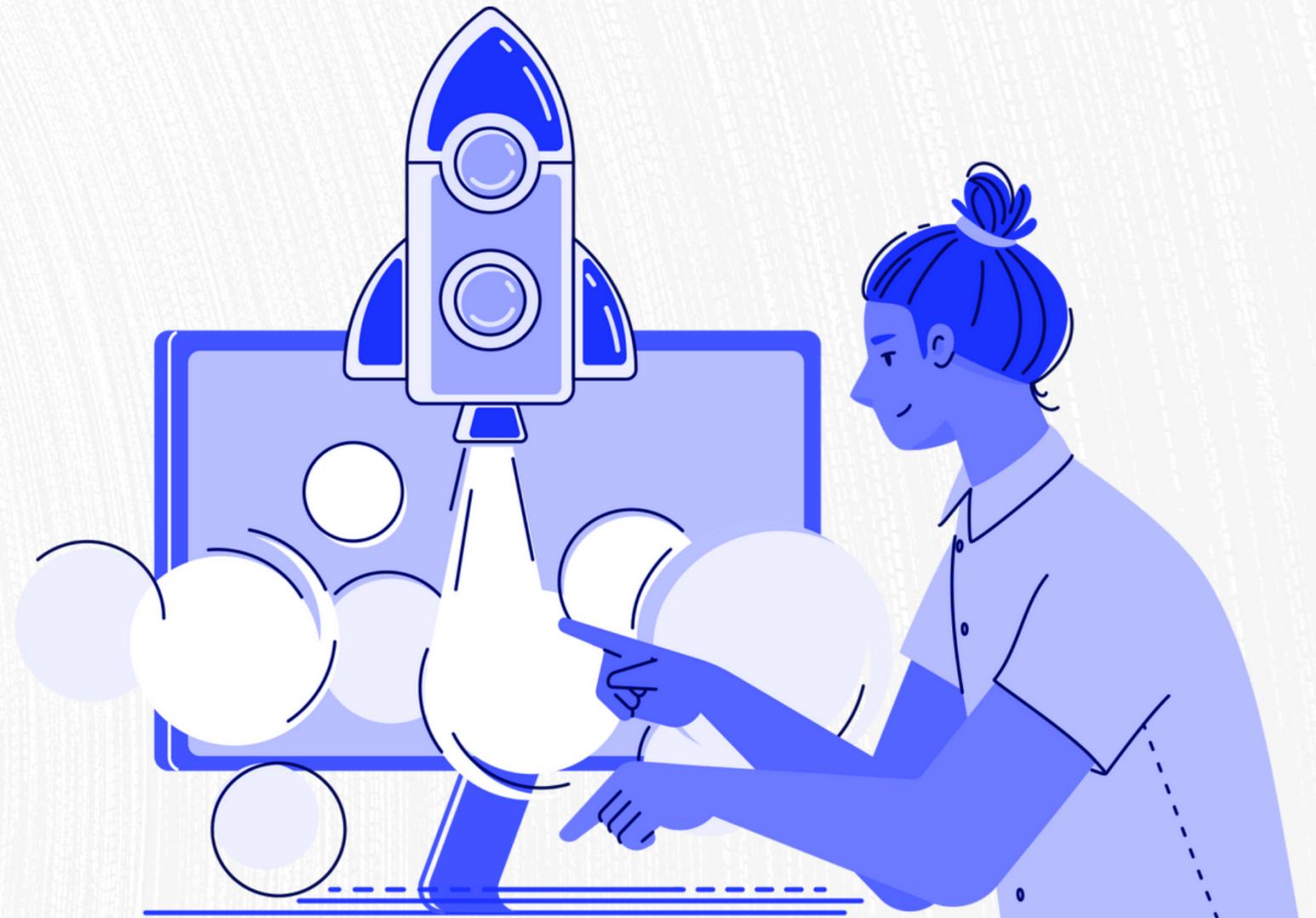
- Personnel
  - Full time employees
  - Transient resources
  - Third Parties
  - General Support



# Facilities

## Key Elements:

- Facilities
  - Temporary HDQ (Command Center)
  - Work from Anywhere (WFA)
- Geographic Considerations



# Supply Chain

## Key Elements:

- Data Center or Co-Location
- Off-Site Storage
- Cloud Platform Solutions



# Let's Talk About the Cloud and BCP



# The Cloud and BCP

## Key concepts:

- Risk based approach still applies
- CSP provided BCP/DR may be enough – don't overspend
- Design for high availability
- Automatic geographic failover isn't without complications
- Some downtime may eventually happen – fail gracefully

# Test, Test, & Test

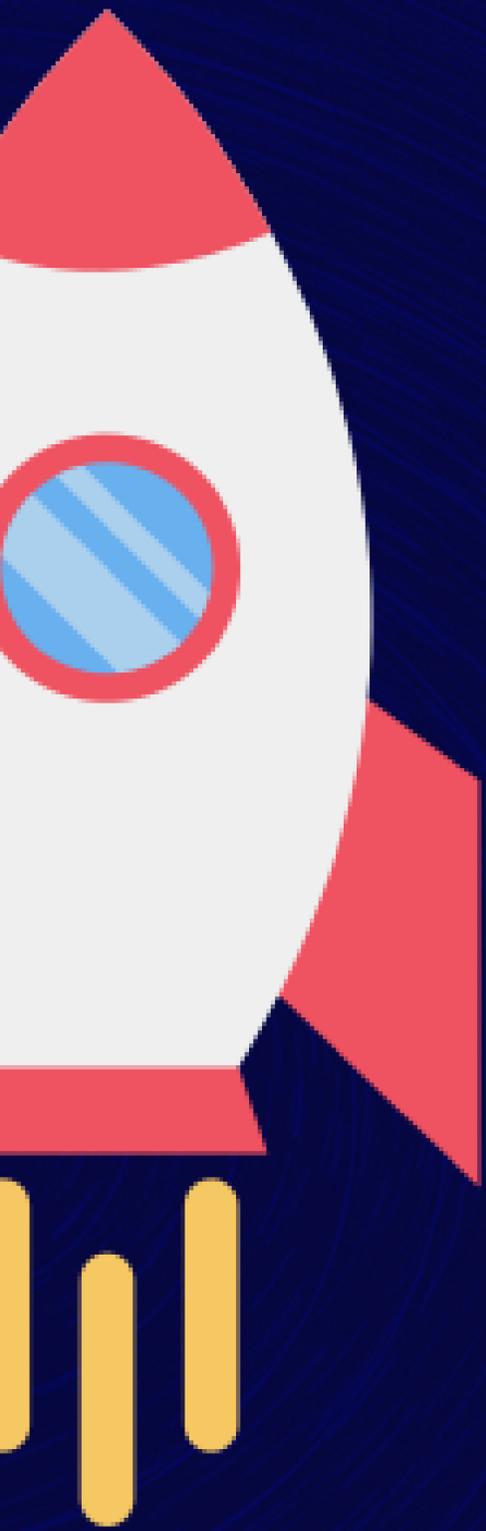
## Key concepts:

- **Tabletop exercise at least annually**
- **Relevant scenarios**
- **Update plans accordingly**
- **Prove HA in the cloud!**
- **Never Assume!**



# Recap

- It's when; not if
- Organizational alignment must happen first
- Business Impact Analysis is the baseline for all activity
- Those who fail to plan, plan to fail – planning is a must
- TPFS
- Cloud partnership
- Pressure test the plan!



# Looking for a cybersecurity partner?

Let us review your BCP and make sure you're ready for the unexpected.

**Connect with an Expert**

# Questions?

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# Connect with us



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