

Disaster Recovery as a Service

DRaaS



Presentation

Our mission

Deliver world-class **business** outcomes
through IT transformation

Our process works... every time

Assess



Understanding where you are and where you need to be is the key to successful IT



Improve



With a plan in place, you'll be confident nothing is left to chance



Manage



We'll take care of the day to day, leaving your team free to focus on your business rather than your IT

DRaaS

Ask yourself...

Q. If your business's entire IT environment was compromised, what would you do?

No. 1

Emerging trend of
unplanned downtime are
malicious attacks

*solutionsreview.com

Are you prepared?

- When a disaster strikes **your IT environment**, you want to be in control, not scrambling to make important decisions
- You want to **minimise downtime** and have your business up and running quickly
- You don't want to spend large amounts of time or money on something that **might** happen
- Traditional backup **is not accessible** when your entire IT environment is compromised

“

Significant unplanned
downtime often causes
loss of business
reputation and staff
productivity

”

Backup, Traditional DR & DRaaS

Backup, traditional DR and DRaaS are often misunderstood

Backup vs Disaster Recovery

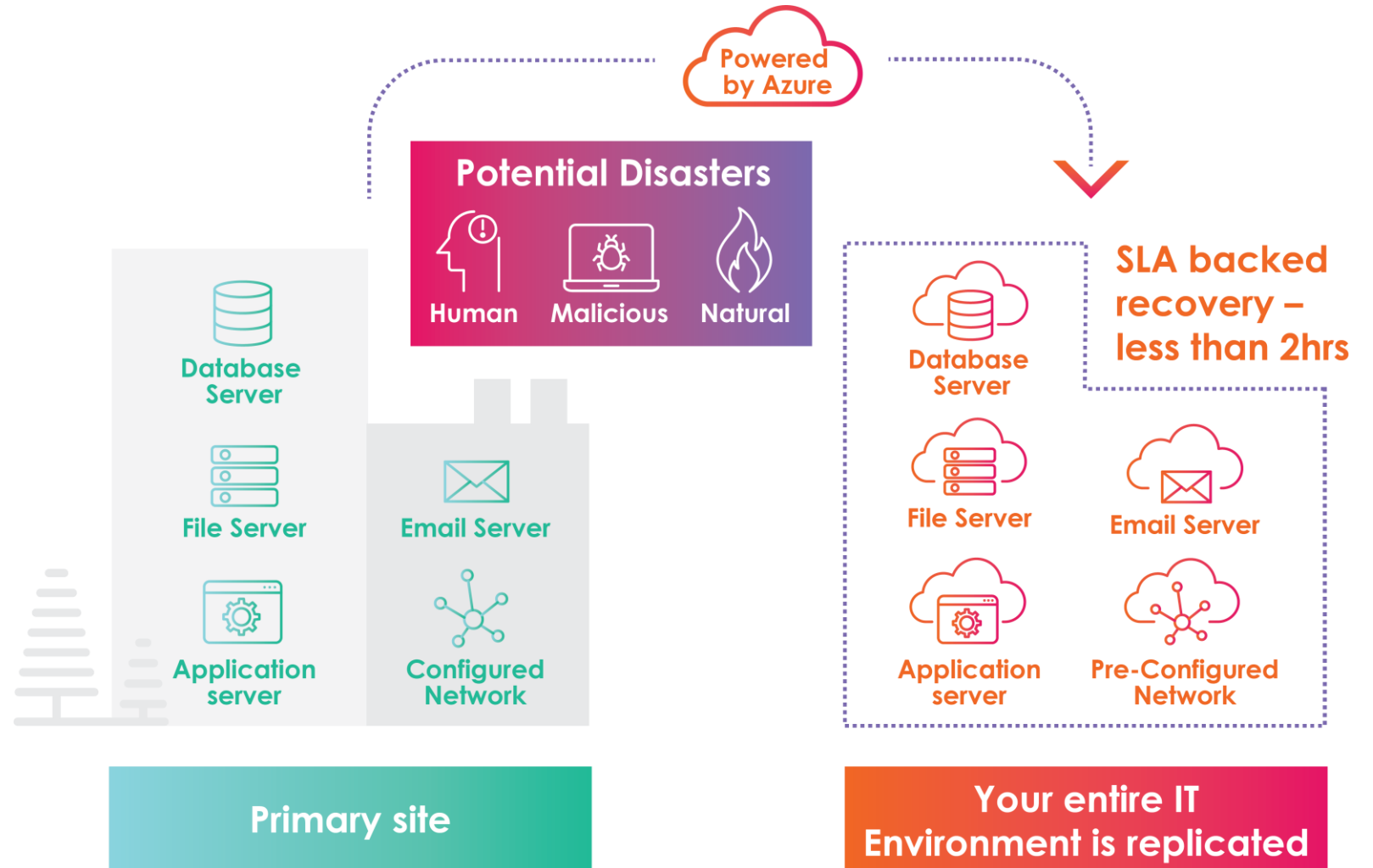
Backup and Disaster Recovery (DR) are very different

- In the event of a disaster your data is useless if there is **nowhere to restore it to**
- Backup **saves a copy** of your data
- DR **replicates your entire IT environment** allowing continuation of business in the case of a disaster

	Backup	Disaster Recovery (DR)
Recovery Time (new environment)	Can be weeks	Possible in less than 2hrs
Automated Recovery	No	Yes
Restoration Location	No restoration location.	Data centre or cloud

DRaaS explained

- A Disaster Recovery site is a **replication** of your primary site
- The main difference between a traditional DR site and DRaaS is that the recovery site is in the **cloud**.
- With DRaaS we manage the solution entirely, so you do not have to worry about compliance, testing, reporting etc



Traditional DR

DR is expensive



- Its really expensive to run a second data centre just for our DR

DR Testing is difficult



- The required tests to ensure the DR works are complex
- It takes our staff time & draws them away from their key roles

Is my backup my DR?



- Backup is not DR, it does not help when your entire IT environment has been compromised

DR is hard to scale



- Our workloads and staff fluctuate, DR is too difficult and expensive to scale quickly

Drain on Resources



- DR is difficult to manage
- It's a big drain on resources
- We don't have the skill set when serious issues arise

Certification for our DR



- We need to meet various certification levels and RPO's which takes time and can be difficult to understand

DRaaS makes it easy

Cost friendly



- No set-up cost
- One fixed low monthly fee
- Three service levels/price models to choose from

Testing & Reporting



- We complete annual failover testing
- We complete all reporting and provide it to you

Monitoring



- We do all the Health monitoring and reporting so you meet your RPO standards

Running in 2 hours



- Be up and running within 2 hours after any disaster
- We provide a SLA backed RTO

Scalable



- Easily scalable at any time
- We provide a customised plan to suit your unique environment

Certified



- ISO 27001:2013
- ISO 27018
- HIPAA
- DPA certified

What's your tolerance?

Understanding RPO's and RTO's

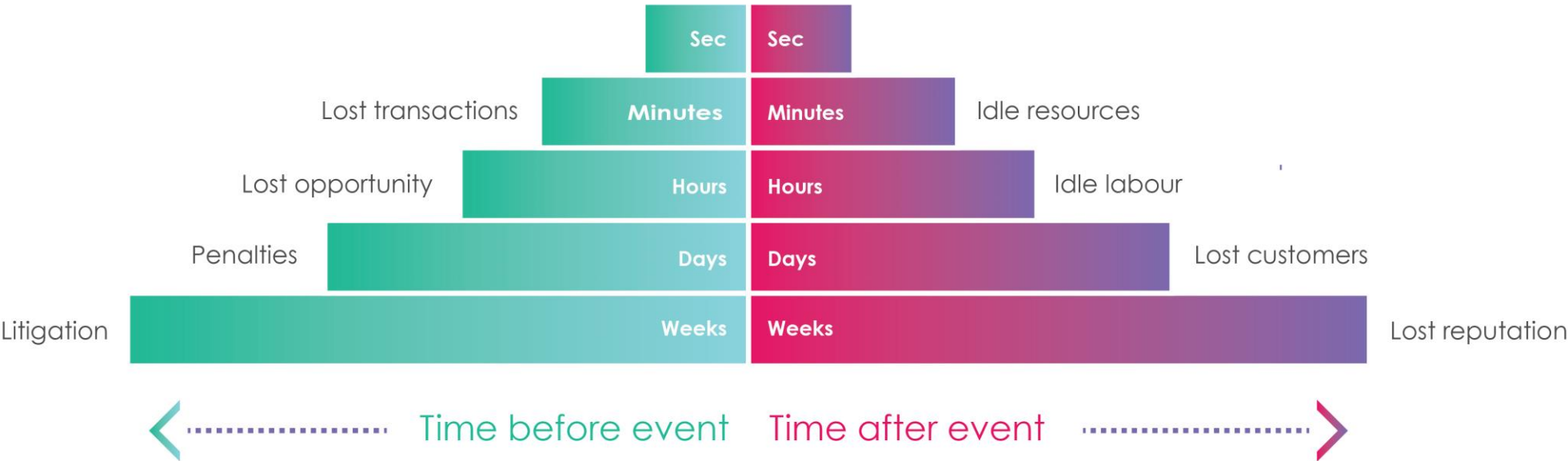
When disaster strikes

Recovery Point Objective (RPO)
How much data loss
can we tolerate?

Recovery Time Objective (RTO)
How fast do we need
to recover?



Disaster Strikes



Disaster Recovery as a Service

Let's talk DRaaS – is it right for you?

Is DRaaS right for you?

DRaaS suits businesses:

- With no DR Plan at all or an outdated DR plan
- Who have a DR site but are looking to reduce costs
- Who have 5 or more servers
- Who have on-premise or AWS infrastructure
- With a need to maintain a high level of compliance and a low risk level
- With an interest in protecting themselves in the event of a disaster

45%

of unplanned
downtime is caused by
hardware failure!

Our DRaaS features

1. Capability, capacity & objectives planning	Our experienced architects will plan and design your customised DRaaS solution
2. Replicate physical and virtual servers	All your servers (inc. VMware and other cloud providers) are protected
3. Annual failover testing & reporting	We do it all, taking the worry and work out of annual testing and reporting
4. Health Monitoring	We make sure everything is running as it should be and meeting your RPOs
5. Customised recovery plan	We'll make sure your recovery plan can be relied on & works for you
6. Recovery into Microsoft Azure	Azure is deployed at a cloud scale and is backed by an enterprise grade SLA
7. SLA Backed RTO of 2 hours	Be confident your on-premises servers will be available and compliant
8. ISO certified	Azure Site Recovery is ISO 27001:2013, ISO 27018, HIPAA, DPA certified
9. \$0 set up	No need to invest any capital in a new data centre for Disaster Recovery
10. Fixed monthly fee	Full managed service for a fixed cost – choose a plan to suit your needs

Summary

- ✓ Replication to and recovery in Microsoft Azure
- ✓ 500GB LRS Storage
- ✓ Protection & replication of virtual machines
- ✓ <2 hour RTO backed by a SLA
- ✓ Customisable recovery plan
- ✓ \$0 set-up fee
- ✓ Low monthly cost



Questions/ Next Steps

Any questions or thoughts about DRaaS? Contact one of our solution architects.

 1300 865 865

 <https://www.themissinglink.com.au/>

Thank you

