

Reduce the business risk of cyber threats with air gap protection from the Cyber Bunker Service

Your last defence against cyber-attacks

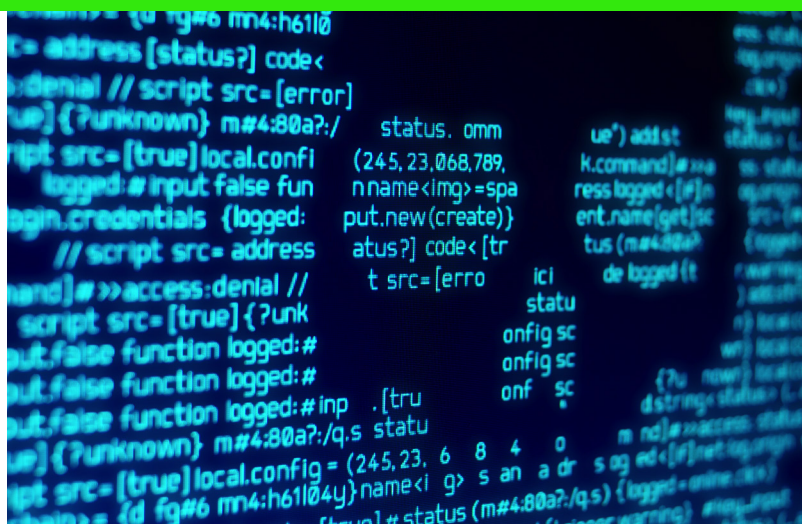
No matter the industry or size of the organisation, cyber-attacks are on the rise. The number of attacks is growing exponentially with bad actors working harder than ever in the current climate to disrupt business continuity, extort funds and harm reputations. RSA report that 70% of organisations admit that they've had a security incident that has negatively impacted their operations.

The business disruption and financial losses of a successful cyber-attack are huge (ask Maersk, British Airways, Honda et al). Now with Covid 19 phishing attacks targetting vulnerabilities in home working and many Microsoft products reaching end of life, threats are ever more real. And the likelihood that all malware will be discovered before harm is done is slim, the discovery time for an attack is still likely to be measured in weeks or months. This time gap provides an opportunity for the miscreants to map the network, escalate privileges and plan a devastating attack. Typically this will include the deletion of backups and disaster recovery systems to make your recovery even more difficult.

Quite naturally many organisation are focussed on cyber threat detection and prevention, but given the likelihood of a successful attack, having the ability to recover quickly should also be a key consideration.

According to NIST (National Institute of Standards and Technology), the recovery function is as an essential element of a comprehensive cyber security programme as prevention. (NIST 5 Function of the Cyber security Framework).

Recovery from a destructive cyber-attack is often painful and time consuming, with a direct and negative impact on your bottom line. Now there is a cyber recovery service that will enable you to recover quickly from an incident, with minimal disruption.



Introducing the Synapse360 Cyber Bunker Service

A comprehensive managed service which provides business assurance for recovery from cyber security breaches. The Synapse360 Cyber Bunker Service (CBS) ensures your business-critical data can withstand a cyber-attack designed to destroy your data including backups and replicas.

The Cyber Bunker Service creates a continuous backup of your IT environment which is securely sent to a destination outside of your organisation's network. The backup is protected from your or any other network by an 'air-gap' (effectively making it off-line) and is only accessible to authorised staff. This means if your primary systems become compromised, your backups will not be affected and you will be able to recover IT systems and services quickly.

What's more any data that gets backed up is automatically screened against threats prior to being saved, ensuring that when you do need to recover, you are not recovering from compromised data. The CBS is available as a managed service and works in conjunction with your existing security arrangements ensuring whatever happens, you will still have access to uncorrupted data and systems.

The Cyber Bunker Service

– A Complete Solution for Cyber Recovery



A complete solution

A robust, managed service for cyber recovery that utilises encryption, air-gaps, backup data protection and run-book processes to ensure your data remains secure.



Built on secure, enterprise grade technology

From Dell Technologies.



Daily reporting notifies you of your data recovery status

Stay in control of your data and understand your recovery capability.



Optional hosting on premise or in Synapse360's ISO27001 datacentres

You have the choice of having the solution hosted on-prem or in one of our ISO27001 accredited data centres.



With continuous protection

Continuous scanning and alerting of backup data against known vectors keeps data recoverable.



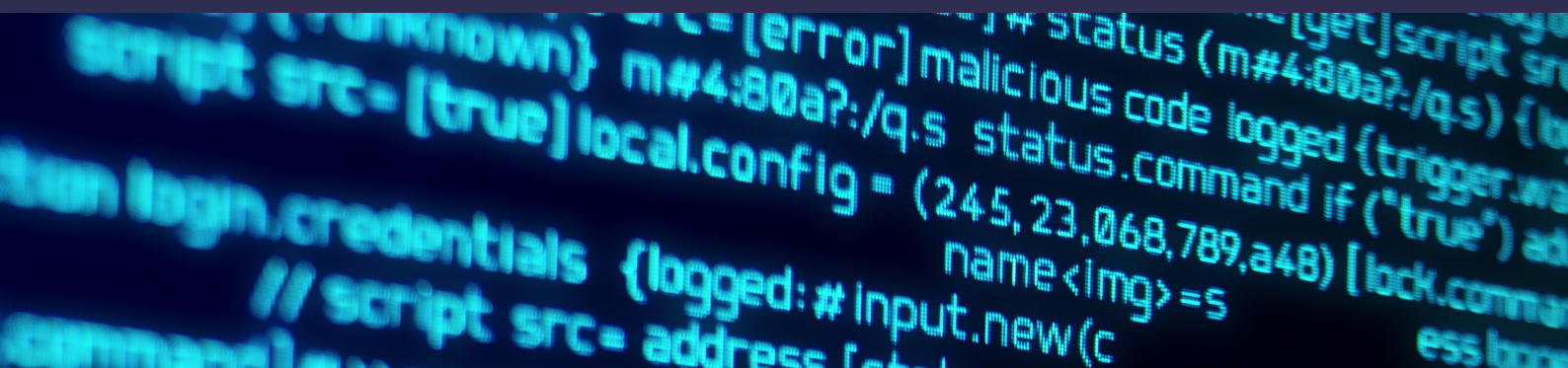
No need to recruit experts

The Cyber Bunker Service provides you with enterprise -grade cyber recovery technology, people and processes combined to deliver effective protection and recoverability.



Predictable monthly cost

No capital outlay and affordable and predictable costs.



How the Cyber Bunker process works



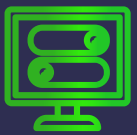
1 Initial solution scoping

Synapse360 experts work with customers to understand application candidates, desired recovery times, and recovery point objectives.



2 Isolation and governance

The Cyber Bunker Service is provisioned in a data centre (of your choice), that is disconnected from the network and restricted from users other than those with proper clearance.



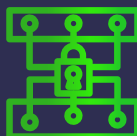
3 Automated data copy and air gap creation

We deploy dedicated software to create WORM-locked data copies to a secondary set of arrays and backup targets as well. We then implement processes to create an operational air gap between the production environment and the isolated recovery zone.



4 Integrity checking and alerting

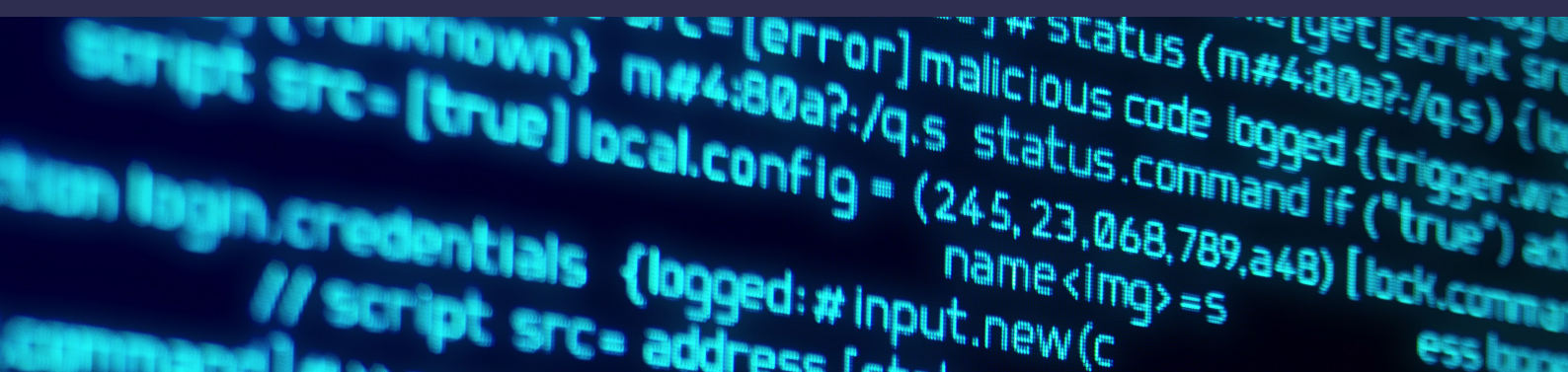
The CBS uses workflows to stage replicated data in the isolated recovery zone and perform integrity checks to analyse whether it is impacted by malware. Alerts are generated when suspicious executables and data are identified. The Synapse360 Network Operations Team resolve any issues.



5 Recovery and remediation

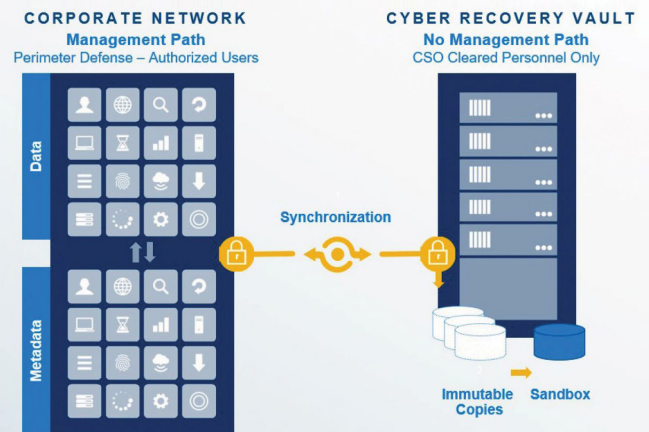
The service includes proven procedures that perform recovery/remediation after an incident using dynamic restore processes and your existing DR procedures.

“The CBS ensures your business-critical data can withstand a cyber-attack designed to destroy your data including backups.”



Cyber Bunker is built on enterprise grade technology from Dell Technologies.

Sandboxing ensures data transferred is quarantined and integrity checked before it is backed up.



Who will find the service most beneficial?

- Those organisations who need the highest levels of protection and recoverability
- Organisations with limited internal resources to manage security
- Organisations who need high levels of security but lack CAPEX budget

What does the Cyber Bunker Service include?

- Synapse 360 Cyber Bunker Service delivers a comprehensive end to end service from the initial design through the day-to-day management and support
- Scoping, analysis, understanding the environment and identification of critical data and services
- Architecture of the Cyber Bunker Service
- Integration of the Synapse360 Cyber Bunker Service into the customer environment
- Day to day support, management, service performance reviews, guidance and advisory services
- Providing analytics, monitoring, alerting and reporting to support the CBS
- Providing technical resources to ensure protection and recovery of data, maintaining recovery runbooks and providing regular recovery testing exercises

Why Synapse360 for Cyber Protection?

- Long time experts in data protection and recovery
- 100's of data protection and recovery customers
- Rapid enablement through a standardised service delivery model
- A managed service with support when you need it, not just a cloud service
- Flexible service terms and delivery options – 100% OPEX
- Complete solutions for cyber and Disaster Recovery
- Synapse360 are a high level Dell Technologies partner

DELLTechnologies
PLATINUM PARTNER

Synapse360 a Trusted Partner

Synapse360 is a value driven infrastructure and cloud services provider. We enable our clients to deliver their business outcomes through innovative solutions and services, on-premise, in the cloud or hybrid.

We support critical services across the UK and Isle of Man and are part of Manx Telecom.

Contact us to find out more.

t: 0330 660 0001 Transform@Synapse360.com www.synapse360.com