

# PREVENTION AND RECOVERY FROM RANSOMWARE ATTACKS

According to research by the global research organisation Wakefield Inc, two thirds of companies in Europe and America are now using on average 15 public cloud services and numerous shadow IT services, creating complex IT environments that are increasingly harder to configure and manage. Despite this, IT budgets have not increased sufficiently to cater for the change and are mostly unchanged, making it ever more challenging for IT teams to secure their environments and protect valuable company assets.

It is this perfect storm that has led to the material rise of ransomware attacks, with hackers using social engineering to successfully exploit broken perimeters, outdated technology, poor configurations and lack of user education.

The impact of ransomware is significant, with the latest figures showing that over 40% of companies have now been impacted. Furthermore, recovery times are now typically exceeding 5 days with costs averaging £200,000 per incident.

bluesource is a Gold partner for Microsoft and we specialise in offering Data Security and Governance solutions using Microsoft and other best of breed technologies.



## HOW WE CAN HELP

At bluesource we have the skills, tools and partnerships to help protect you from ransomware attacks and mitigate your risk. This includes:

## IDENTIFY

Focused around risk profiling, defining robust processes and classifying data within your organisation and supply chains.

### *Solution areas*

- ✓ GDPR current state assessment
- ✓ Dark data assessments
- ✓ Penetration testing & vulnerability assessments
- ✓ Data capture, classification and labelling
- ✓ Microsoft 365 security & compliance current state assessment
- ✓ Disaster recovery point and time (RPO, RTO) validation testing

## PROTECT

### *Solution areas*

This area focuses on ensuring safeguards are in place to enable the continued delivery of infrastructure and data services.

- ✓ Identity access management & protection
- ✓ Data file access control and reporting
- ✓ Data management and protection
- ✓ Data loss prevention
- ✓ Device management and protection
- ✓ Next generation endpoint security
- ✓ bluesource backup-as-a-service delivering immutable and indelible back-ups
- ✓ Email security
- ✓ Secure Access Service Edge (SASE) framework network security including - Next Gen Secure Web Gateway, Cloud Access Security Brokerage and Zero Trust Network Access
- ✓ Data Erasure on obsolete equipment
- ✓ Employee security awareness training
- ✓ Cloud Security Posture Management

## DETECT

### *Products, partners and solution areas*

Detect services are focussed around the identification of anomalous or malicious activities by bad actors, insider threats and potential breaches.

- ✓ Cloud access security brokerage
- ✓ Data Insight reporting identifying unexpected data changes
- ✓ Endpoint Detect & Respond
- ✓ Behavioural analytics to identify unusual activities such as mass copies, deletions and logins
- ✓ Detection and prediction of Insider Threats by learning regular patterns of activity for each insider
- ✓ bluesource MDR

## RESPOND

### *Products, partners and solution areas*

These services focus around having appropriate solutions, services and processes in place to help contain a breach and know when and how to invoke a recovery. Advanced threat protection services can ensure that detected threats are remediated across all platforms simultaneously to eradicate malware from all in-scope services.

- ✓ Incident response retainer
- ✓ Incident response consultancy to assist with managing an active incident
- ✓ Implementing recommended remediations

## RECOVER

### *Products, partners and solution areas*

This function is focussed on the restoration and remediation of services following an attack. bluesource can assist via our Backup as a Service (BaaS) offering along with our professional services team who can assist with the rebuilding of your infrastructure.

- ✓ Disaster recovery plan execution
- ✓ Bare metal restores
- ✓ SaaS data restores
- ✓ System rebuilds
- ✓ Post encryption recovery

**Protect your data from Ransomware attacks  
by starting a conversation with us today.**