



Alchemy  
systems

Company  
Alchemy  
System

Country  
UK

Industry  
IT Systems Provider

Solution  
Adaptive Defense  
360 Endpoint  
Protection, Systems  
Management

Licenses  
1,500

*“No business is too big or too small to be targeted, hackers will lock your network and hold your valuable data to ransom.”*

Nathan Mills  
Managing Director,  
Alchemy Systems

## Alchemy Turns Ransomware into Solid Gold Security

- Antivirus is unable to stop advanced ‘zero-day’ Ransomware attacks
- Businesses need extra security - Endpoint, Detection & Response
- Specialist IT Providers, Alchemy Systems can manage your Security

### Situation

Every day you hear of a hospital, school, government department or business being attacked by Ransomware, disabling their networks by encrypting important files.

“No business is too big or too small to be targeted,” comments Nathan Mills, Managing Director of Alchemy Systems, “hackers will lock your network and hold your valuable data to ransom.”

Hackers no longer need to be technical whizz-kids, they can buy readymade Ransomware toolkits on the ‘dark-web’ for as little as £100, this means more attackers and therefore more victims.

Small and Medium-sized Businesses (SMBs), who don’t have a dedicated IT Security person and sophisticated antivirus and backup solutions in place, are especially vulnerable.

This was the situation an award-winning building consultancy firm found itself in. Attacked by ransomware that their antivirus didn’t detect, which encrypted all the consultancies vital files and network backups. While paying the ransom is not recommended, in this instance it was a simple business decision. Failure to restore the files quickly would be disastrous.

The consultancy needed some specialist IT advice so they called upon Alchemy Systems, an IT solutions company who offer a full managed security service.

*“We greatly appreciate Panda Security’s channel strategy and portfolio, with their partner console we can manage our entire client base from a single point, something no other vendor is able to provide”*

## Solution

Alchemy liaised with the extortionists paying the ransom in Bitcoins in exchange for the decryption key to restore the consultancy files. Once the vital files were restored, Alchemy ensured backups were made.

As the ransomware had bypassed the consultancy's existing antivirus Alchemy made use of Panda Cloud Cleaner to deep-clean the entire network and remove all traces of the infection.

While most likely that the ransomware attack was through a visit to a compromised website or an infected email, Alchemy wanted to ensure all network vulnerabilities were secured.

Alchemy installed Adaptive Defense 360 from Panda Security which combines a complete Endpoint Protection (antivirus, firewall, device control, content filtering etc.) as well as Endpoint Detection and Response capabilities (process monitoring, application classification, vulnerability location, forensic information).

There was only 7 days downtime from the initial infection to Alchemy having the consultancy business back up and running minimizing business impact.

## Evaluation

"With Adaptive Defense 360 the process of securing the network using a single solution was much more efficient", said Nathan "and once implemented we could see suspicious activities being automatically classified and blocked without any need for manual intervention."

Able to work alongside alternative antivirus products Alchemy were able to roll out Adaptive Defense to other prospects to show hidden malware and vulnerabilities, giving them options to improve security.

"We greatly appreciate Panda Security's channel strategy and portfolio," commented Nathan Mills, Managing Director of Alchemy Systems, he continued "with their partner console we can manage our entire client base from a single point, something no other vendor is able to provide"

## Customer's Profile

Alchemy Systems is an IT solutions company providing a single source for IT business solutions spanning the breadth of an organisation's computing and communications requirements.

Alchemy has been providing, installing and supporting IT solutions for the last 15 years to organisations of all sizes with products from many of the world's leading vendors. In addition Alchemy have developed our own range of unique Hosted Cloud services over the past 6 years to support the needs of our customers.

With offices in Egham, Honiton and Burton on Trent, Alchemy is able to provide its services to hundreds of organisations across the UK.

**Understanding  
Your Business Satisfying  
Your IT Requirements**

For more information visit  
[www.alchemysys.net](http://www.alchemysys.net)

