



A PERPETUAL EDGE ON THREAT

How Tectrade is enabling one of Europe’s largest medical testing companies to stay one step ahead of cyber-attacks and get a perpetual edge on threat.

Our client: Synlab Group is market leader in diagnostic services for human and veterinary medicine, performing over 450 million tests each year. Medical centres partner with Synlab to deliver high-quality, cost-effective pathology services.

SYNLAB MARKET DASHBOARD

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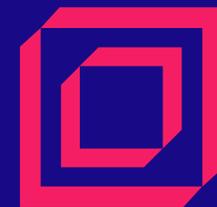
While one in three pathology labs were impacted by the WannaCry attack, Synlab was unaffected.

\$2m

Synlab avoided any costs associated with the attack which were on average \$2m.

99.98%

Throughout WannaCry, Petya and subsequent cyber-attacks, Synlab’s critical compute availability has remained consistently above 99.98%



CONTEXT

Synlab operates in a high-stakes round the clock environment where very little margin for error exists.

Breaches that affect availability of compute go beyond reputational risk to having life and death consequences for patients.

CHALLENGE

As a result of both acquisition and organic growth, Synlab operates an extensive network of testing laboratories.

While infrastructure across its sites vary, transmitting sensitive patient data to clinicians needs to be reliable, immediate and above all secure.

SOLUTION

Building on an established enterprise partnership for five years, Tectrade identified the need to target the risk presented by zero-day threats.

Via our AI-driven threat protection, we deployed Cylance software to neutralise advanced threats.

OUTCOMES

Synlab has significantly reduced its exposure to morphing risk. The scalable AI-threat solution can expand as threat escalates.

The real-time ability to identify tell-tale pattern before they become attacks means that Synlab now has a perpetual edge on threat.

“AI-POWERED CYBER SECURITY SERVICES MEANT WE HAD ADVANCED WARNING ABOUT WANNACRY MALWARE TWO DAYS BEFORE IT WAS REPORTED. WE WERE FULLY PROTECTED AGAINST THE THREAT AND THE FOLLOW-UP PETYA ATTACK.”

Charles Lilley,
IT Director
Synlab Group

GOAL

With some tests performed while patients are mid-operation, continuity of availability is a critical requirement.

Consequently, the goal was to reduce threat of cyber-related outages to nearer zero.



Tectrade
A CSI GROUP COMPANY