



Industry: Education

## **Helped a government health sciences university from KSA to achieve improved security posture with our MDR solution**

### **► Background**

As an established governmental university for health sciences, our client had gained a reputation for their extensive courses in the field of medicines as specified by the Ministry of National Guard Health Affairs. It was founded in 2005 and has become one of the most advanced universities for medicine with some of the technologically advanced medical complexes and state of the art facilities. It has affiliated with renowned medical institutions to provide its students with clinical expertise and the exposure they need to graduate into medical experts of the future.

### **► Objectives**

- ✓ Improve their security posture through deployment of risk management framework.
- ✓ Identify all the existing vulnerabilities in their IT infrastructure.
- ✓ Decrease the likelihood of data breaches.
- ✓ Establish a culture of cybersecurity.
- ✓ Enhance their credibility and reputation in the market by enhancing their security posture.

## ► Challenges

As the client rendered education. It was essential for them to secure all the sensitive personal information and all the information pertaining to the most insightful research. On the top of this, they had multiple vendors for meeting their different cyber security needs. There was no team of experts who can help our client navigate through the cybersecurity challenges. The following are the challenges faced by our clients:

- No team of experts to tackle the education industry specific cyber security bottlenecks.
- No comprehensive on-premise MDR solution that wasn't limited to endpoints & servers but also the entire IT infrastructure including firewalls, databases and others.
- Absence of subject matter experts in cybersecurity who can assess their cybersecurity posture.
- They did not have a centralized visibility of their security events.
- No team to identify the existent vulnerabilities and take measures to remediate them.
- Multiple vendors to meet multiple security needs.
- No training in the matters of individual measures to be taken for cybersecurity
- Lack of culture for cybersecurity.
- Fast digital transformation did not meet the pace of cybersecurity requirements.
- Increased human error due to lack of awareness and culture for cybersecurity.

## ► Solutions

The client was looking for a cybersecurity company that can render the best of both worlds while catering to all the challenges specific to their industry. With SharkStriker's on premise deployment of MDR fully managed 24x7 SOC we were able to cater each challenge through a holistic approach. The following are the solutions that we rendered through our solutions and services:



- We understood that coming from the education industry, they had their own sets of challenges. Therefore, we engaged in an extensive evaluation with them and drew a scope.
- We conducted a top down assessment of their IT infrastructure's security, identifying the vulnerabilities and categorizing them as per severity
- Once all the vulnerabilities were identified in the security assessment, we created a risk treatment plan that encompasses all the measures that are to be taken to mitigate all the existing risks and gaps in cybersecurity.
- We implemented the risk treatment plan with the right set of technology, measures, policies, procedures, rules and configurations.

- Our team deployed MDR on-premise to offer them a single platform solution for all of their cybersecurity needs.
- MDR was fully managed by our SOC team that tailored the solution specific to their requirements.
- We rendered comprehensive protection of all academic research and personal information of all the students, teachers and staff.

## ► Outcome

Our MDR solution assisted the client in achieving the following outcomes:

- Through the security assessment they got a comprehensive view of their cybersecurity status.
- Increased cybersecurity foundation of the organization.
- Established a culture for cybersecurity by raising awareness with training.
- The MDR solution that was deployed and configured on-premise, gave our clients increased visibility of all the security operations.
- Our SOC team acted as an extension of their team, solving day to day as well as long term cybersecurity challenges with their expertise.
- They witnessed an increase in the reputation in the market.

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to augment your  
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## **SharkStriker**

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