



CYBER THREATS DON'T SLEEP. NEITHER DO WE.

# Cybots Cybersecurity Solutions

## Case Study: Banks & Financial Institutions

# Financial Institution Intrusions and Vulnerabilities

## INTRUSIONS

Two-Thirds of Financial Services Firms Suffered Cyber-Attack in the Past Year – Infosecurity Magazine

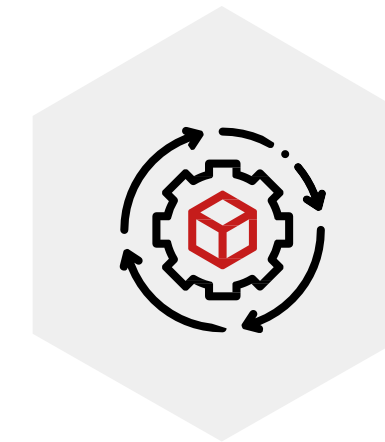
Almost two-thirds (65%) of large financial services companies have suffered a cyber-attack in the past year, while 45% have experienced a rise in attack attempts since the start of the COVID-19 pandemic.

<https://www.infosecurity-magazine.com/news/two-thirds-financial-services/>

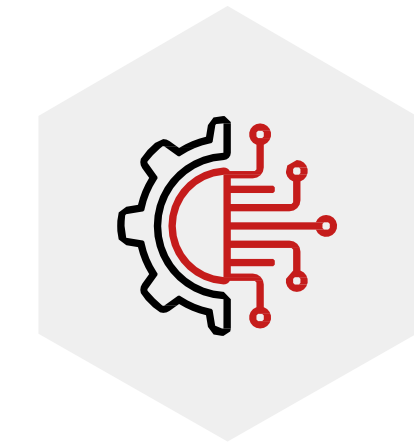
## VULNERABILITIES



Unintentional insider failures/vulnerabilities



Supply Chain



Gaps in technology

### Why are Banks and Financial Institutions Targeted?

- data breaches can impact bank's reputation – loss of trust
- potential financial loss to the customers
- consequences and penalties for non-compliance from Regulators
- customer's data is sensitive



# Case Study – Malaysian Bank



This financial institution was seeking compliance to Risk Management in Technology Guidelines from their Central Bank. The targeted timeline for delivery was 6 weeks.



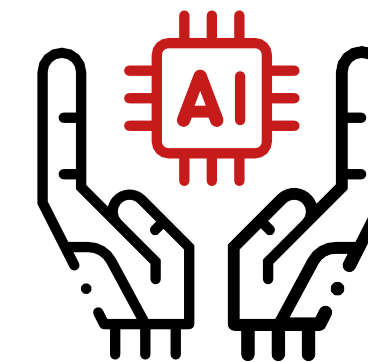
Cybots provided **Compromise Assessment services** to evaluate the situation



AI unveiled in **6 weeks** that more than **10%** of their machines were infected



An AI enabled **Incident Response Plan** was generated in one day



Cybots deployed AI to review all

**5,000+**

machines in 6 weeks and found an additional

**2,000+**

machines through Shadow IT

## Noteworthy points

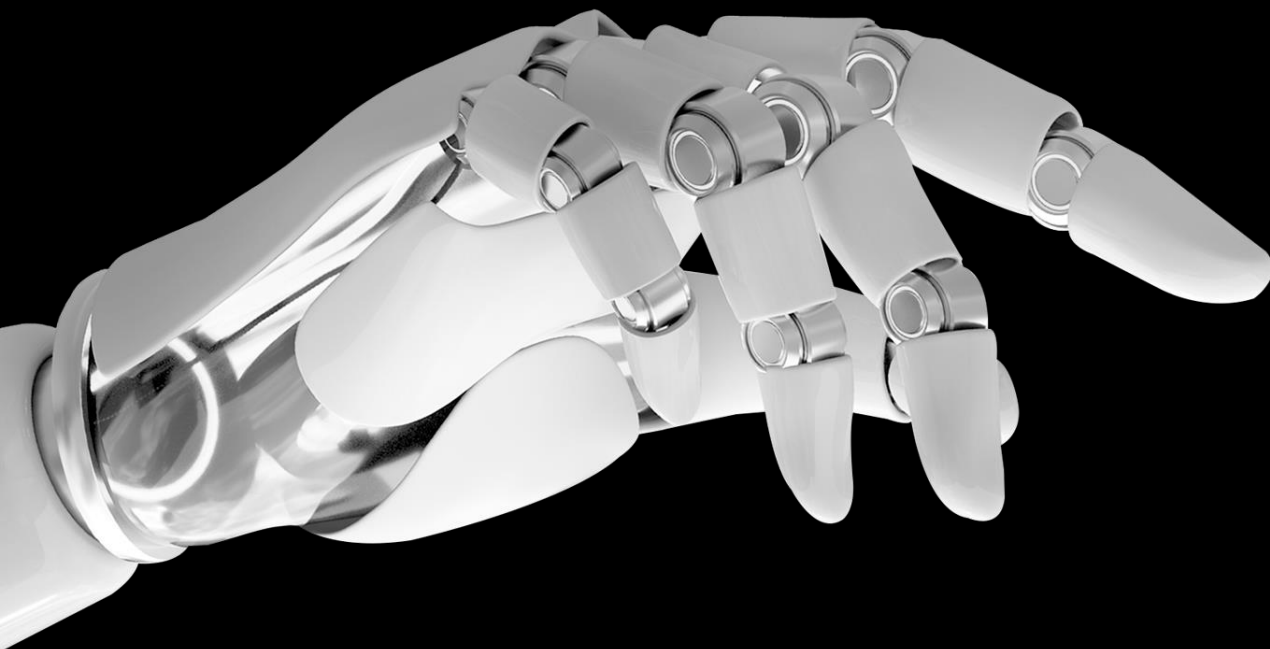
Tight timeline requirement for delivery within 6 weeks!

The deployment of AI unveiled a high (>10%) number of infected machines

The project started on Jan 4 2021 and was successfully completed on Feb 19 2021, within the expected timeline. The project was also completed within the stipulated budget.



# Implementation and Conclusion



## OUR ROLE

The AI used in Cybots Solutions played a critical role in meeting the Client's requirements of speed and effectiveness.

*The stringent timeline was particularly noteworthy and excelled in comparison with similar projects undertaken by other vendors. For example, a similar project undertaken by another vendor is still progressing after 7 months!*

## OUR PLAN

Cybots was able to successfully deliver effective Solutions to meet a Client's timeline requirements. The deployment was also critical in assisting the Bank to comply with the requirements of their Regulator.

## OUR RESULT

As a result of the successful and timely deployment, the Client:

- Appointed Cybots to phase 2 – activating an Incident Response Plan
- Is considering progressing the engagement of Cybots to the provision of MDR services





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#### OUR SUITE OF SOLUTIONS

- Advanced Managed Detection and Response (AMDR) Services
- Compromise Assessment Services
- Incident Response and Fast Forensic Services
- Threat Intelligence
- RiskInt

#### TURNKEY CYBERSECURITY SERVICES (ON REQUEST)

- Next-Generation SOC
- 24x7 Managed Security Services
- Security Consulting Services
- Security Testing Services
- Security Device Maintenance

#### CONTACT US

The Cybots team is here to be your cybersecurity partner throughout your cyber defense journey.

#### OUR AWARDS

- Gold Winner** - Advanced Persistent Threat (APT) Protection
- Gold Winner** - Endpoint Detection and Response (EDR) **Gold Winner** - AWS Cloud Security
- Gold Winner** - Artificial Intelligence Security **Gold Winner** - Cyber Threat Intelligence (CTI) **Gold Winner** - Critical Infrastructure (CI) Security **Gold Winner** - Cybersecurity Audit



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