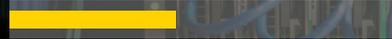


## How companies see cyber attacks during the Pandemic era transformation?

**77%** of companies saw increases in the number of disruptive attacks.



**43%** of companies are concerned about their ability to manage cyber attacks.



(EY Global Information Security Survey, 2021)

### Senior Security Executives core challenges

- ▶ The cybersecurity organization is severely underfunded - but funding is needed more than ever. **36% expects to suffer a major breach** that could have been avoided through better investment.
- ▶ Regulatory fragmentation is a headache, creating additional work and resourcing problems. **49% say compliance can be the most stressful part of their job**, and more fragmentation is expected.
- ▶ Chief Information Security Officers' relationships are weak - when strong connections are key to Security by Design, **76% say colleagues do not bring them into initiatives** until after the planning stage has finished.

## The Silent Intruder

The more damaging attacks consist of multiple phases and employ sophisticated and discrete methods that remain undetected for an extended period.

C Y B E R C R I M E	<b>1</b>	<b>Intelligence gathering</b> Collection of information to identify vulnerabilities and exploits targeting methods.	
	<b>2</b>	<b>Initial exploitation</b> Active targeting of systems and monitoring for sign of compromise. Attacks may include spear phishing, vulnerability exploits, and social engineering.	
	<b>3</b>	<b>Command and control</b> Establishment of foothold where cyber attacks spread through target's IT resources. Breaches provide opportunities for the attackers to move from system to system and hide their presence.	
	<b>4</b>	<b>Privilege escalation</b> Gaining access to target's IT resources. Privilege escalation might be done through installing additional malicious tools and compromising new systems.	
	<b>5</b>	<b>Data exfiltration</b> Identification and extraction of target's useful and valuable information. To avoid detection, attackers might use a "low profile" approach by downloading small amount of data.	

The use of technology increases organizations' vulnerability to cyber attack through increased online presence, broadened social media usage, mass adoption of mobile devices, increased usage of cloud services and third parties, and increased utilization of big data. As many organizations have learned - often the hard way - cyber attacks are unavoidable and often undetectable.

So, if you were under a cyber attack, would you ever know? Find out how we can help. **Ask EY.**

## Our Strength



**Global firm with local presence**, supported by leading practices and subject matter experts.



**One stop solution**, provides end-to-end solution for Cyber Response.



**Dedicated digital forensic lab**, run by digital forensic professionals and supported by the latest technology

## Why EY?

The EY Forensic and Integrity Services practice brings the people, tools and insight you need to respond, manage and mitigate financial and reputational risks to your business.

## Forensic and Integrity Services Indonesia

Forensic and Integrity Services is part of PT Ernst & Young Indonesia and a subservice line under the Assurance service line. EY Forensic and Integrity Services assist organizations in protecting and restoring enterprise and financial reputation through offering various services covering Investigations & Compliance, Discovery, Forensic Data Analytics, Claims & Disputes, Privacy & Cyber Response, and Transaction Forensics. As part of EY Global, Forensic and Integrity Services Indonesia has complete and continuous support from Forensic and Integrity Services Global, enabling access to the best resources globally.

## Talk to Us

Find out how we can help you protect the financial and reputational value of your business. Our professionals will assist you in identifying the right solution that best suits your needs.



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Embedding integrity into an organization's strategic vision and day-to-day operations is critical when managing complex issues of fraud, regulatory compliance, investigations and business disputes. Our international team of more than 4,000 forensic and technology professionals helps leaders balance business objectives and risks, build data-centric ethics and compliance programs, and ultimately develop a culture of integrity. We consider your distinct circumstances and needs to assemble the right multidisciplinary and culturally aligned team for you and your legal advisors. We strive to bring you the benefits of our leading technology, deep subject-matter knowledge and broad global sector experience.

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