STEGA

HOLISTIC MONITORING OF THREATS WITHIN M&E

Phil Ashley, Chief Executive Officer

MESA Media and Entertainment Day, October 20 2020

OUR PHILOSOPHY

WE DO THE WORK

WE SIT IN THE BACKGROUND

What we do is very hard and very expensive to do yourself. Other providers give you a piece of the solution or just the tools then make you do lots of the work. We provide a fully managed service instead; meaning we do the work.

Our technology is designed to be non-invasive and work with any infrastructure you have. To monitor everything whilst allowing your organisation to function uninhibited. We look after your security, so you can focus on running your business.

WE ARE PROACTIVE ABOUT MITIGATING THE THREATS YOU FACE

WE WORK IN UNITY WITH YOU

We take the time to learn your business, infrastructure, and network, to enhance your cyber security posture. We couple our technology and expertise together, to work with your existing IT systems without requiring onerous changes, rapidly reducing your exposure to cyber threats.

We are with you when you need us. Taking the time to understand your business and your teams allows us to work as an extension to your security team and to your business. We keep our teams working together as together we become stronger.

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CYBER SECURITY AS A SERVICE
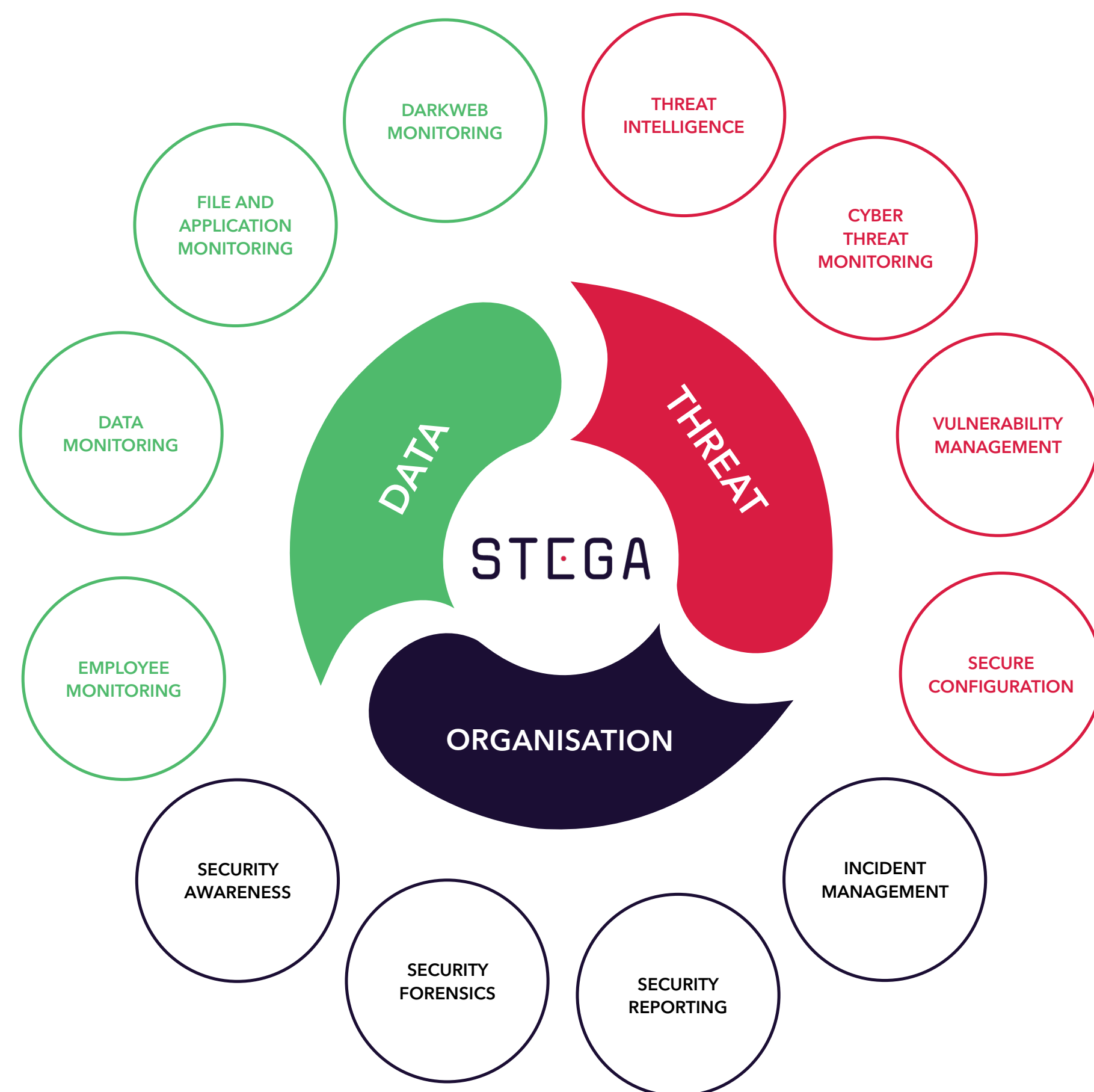
IDENTIFY SECURITY ISSUES EARLY, WITH OUR EXPERT SECURITY TEAM ON HAND TO EXPLAIN AND HELP MITIGATE INCIDENTS, TO PREVENT BREACHES

KNOW WHEN SOMETHING BAD HAPPENS, LIKE CYBER ATTACKS AND SECURITY THREATS, SO YOU SPEND LESS TIME WORRYING ABOUT YOUR SECURITY

PROTECT YOUR BUSINESS FROM INTERNAL THREATS AND DATA BREACHES BY MONITORING THE ACCESS, USAGE AND FLOW OF DATA

PROVIDING A COMPREHENSIVE SERVICE,

NOT PIECES OF THE SOLUTION.

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WE TAILOR OUR SERVICES TO EACH CUSTOMER

DEVELOP

As we take the time to understand your organisation, we work with you for the long term, creating a comprehensive, bespoke and integrated cyber security solution. Our technology is designed to look after your cyber security and to improve your cyber security so that your organisation continues to flourish.

ADAPT

We adapt to changing environments, business needs and business processes as your needs change and develop, ensuring your cyber security strategy embraces the latest cyber trends.

DELIVER

- Clear and concise risk, strategic and operational reports provides the business intelligence you need to enable you to know where to focus your attention and efforts.

- Understand the effectiveness of your current security measures by identifying and resolving weaknesses before they are exploited.

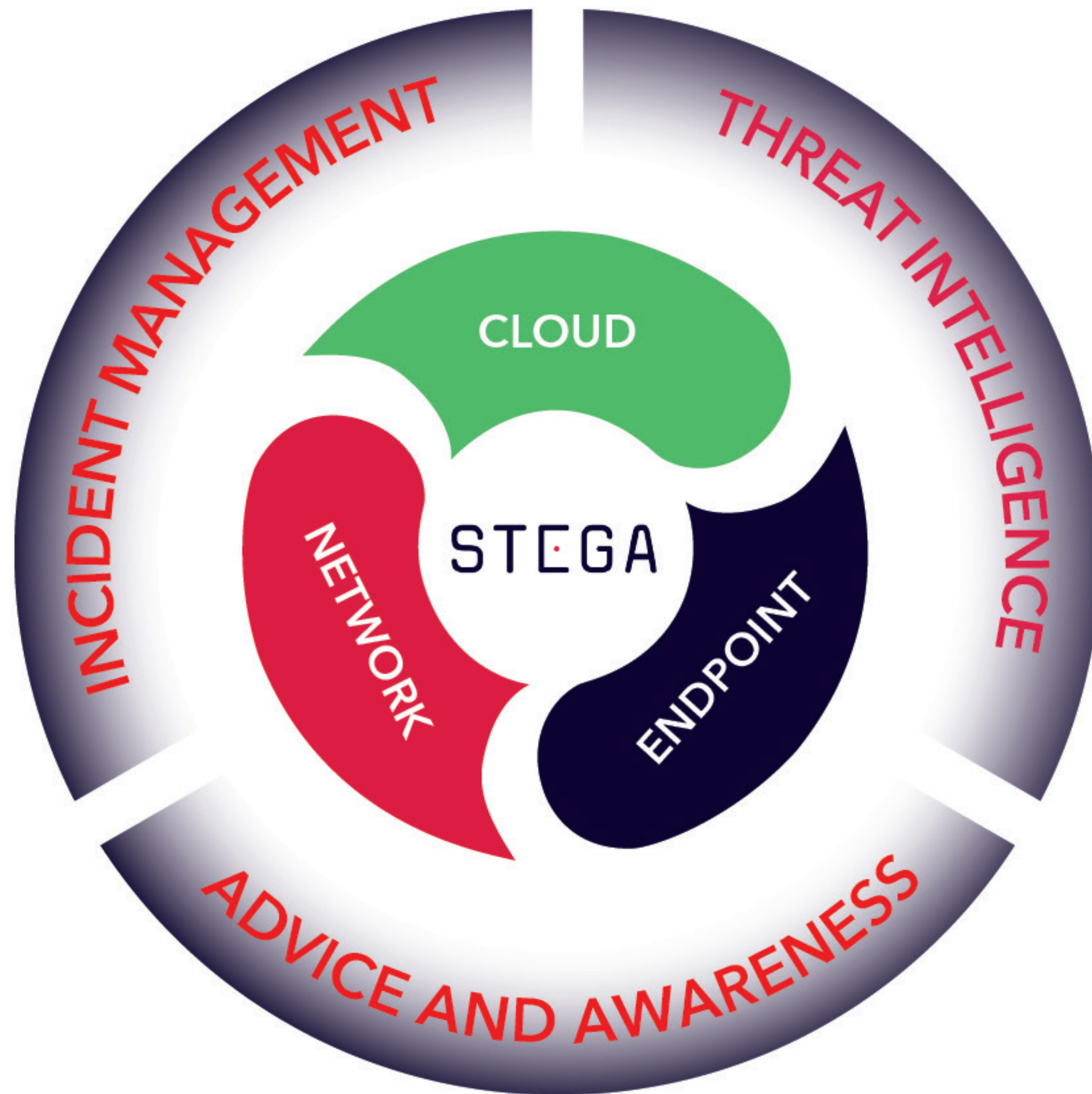- Identify risky or unauthorised staff activities, without impeding or interrupting your business workflows.

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HOLISTIC THREAT MANAGEMENT
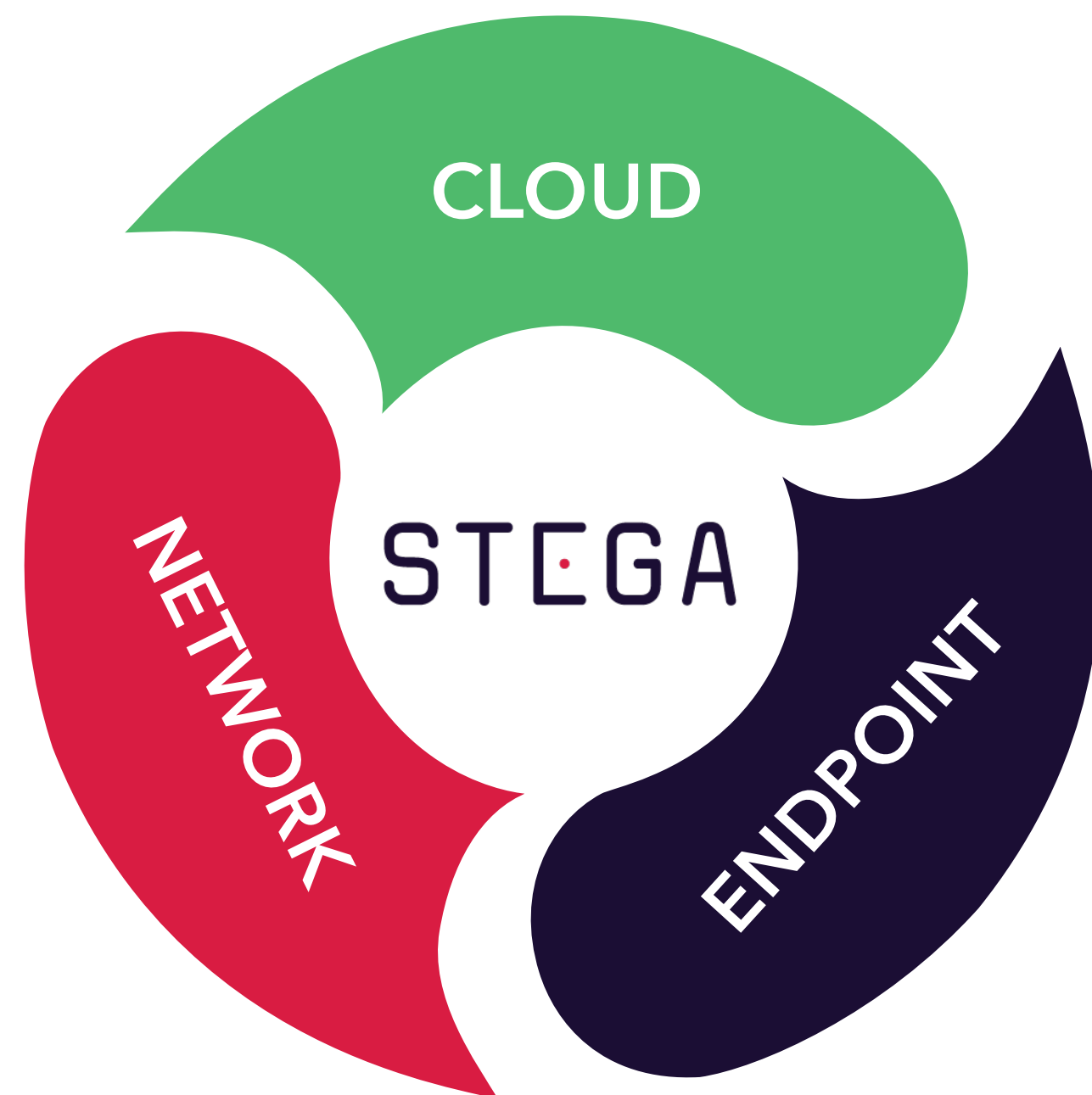
SECURING YOUR DEVICES WITH ENDPOINT MONITORING

SECURING YOUR TRAFFIC WITH NETWORK MONITORING

SECURING YOU COMPANY DATA WITH CLOUD PROTECTION

AN EXPERT SECURITY TEAM PREVENTING INCIDENTS FROM BECOMING BREACHES

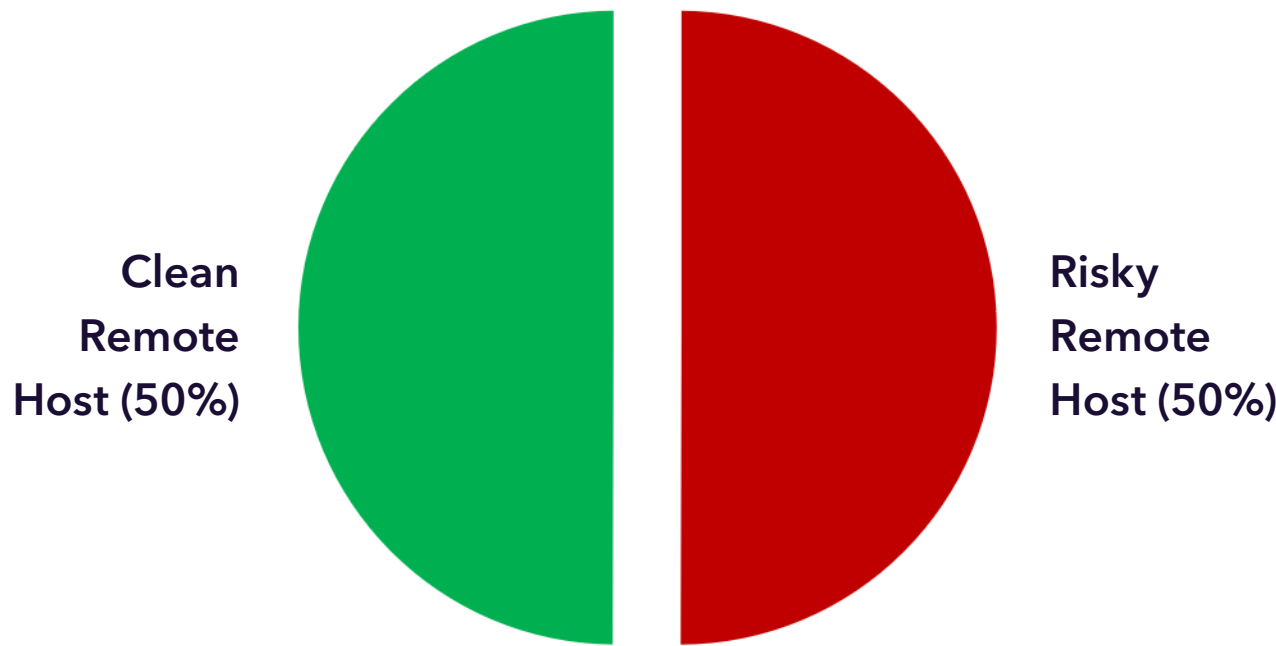UNDERSTAND THREAT CONTEXT AND MOTIVATION TO BE BETTER EQUIPPED TO DEFEND AGAINST THEM.

ADVICE AND RECOMMENDATIONS BASED ON THE THREAT LANDSCAPE THAT YOUR ORGANISATION FACES
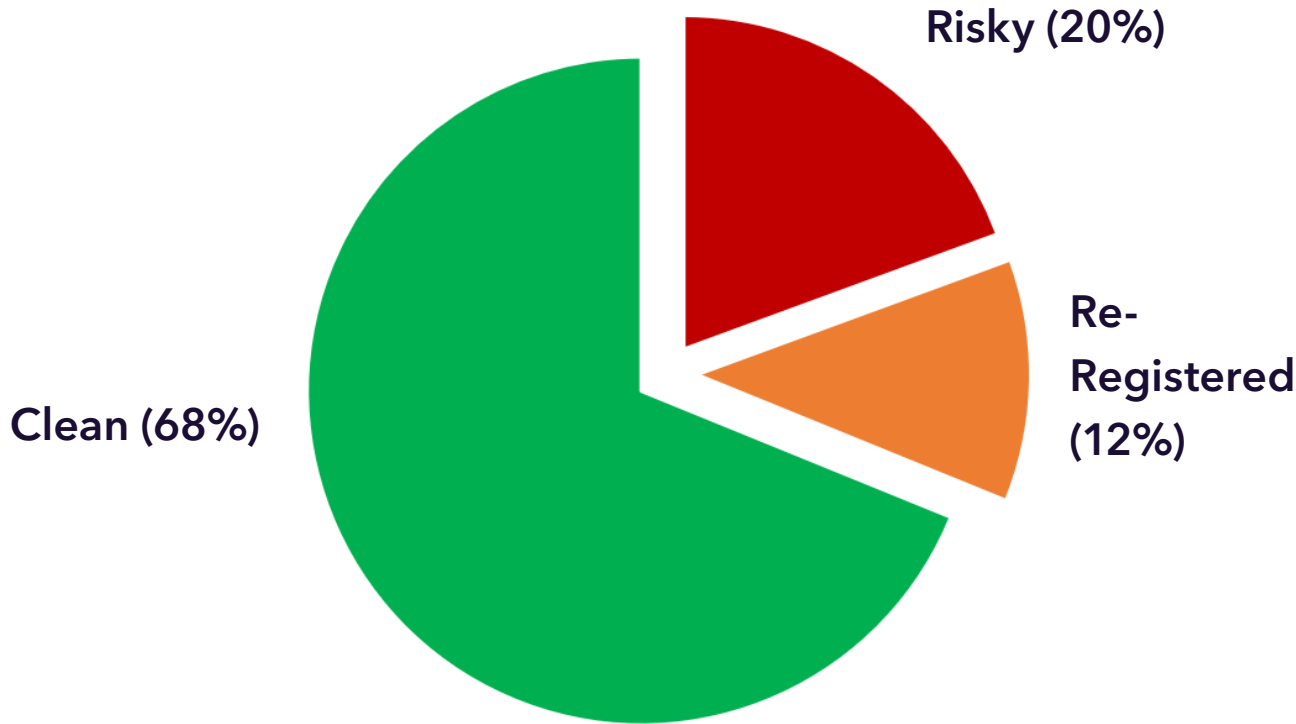
THE KEY ROLE OF THREAT INTELLIGENCE

IDENTIFY AND UNDERSTAND THE THREATS THAT HAVE, ARE OR WILL, TARGET YOUR ORGANISATION AND ASSESS THE ASSOCIATED RISKS THEY POSE.
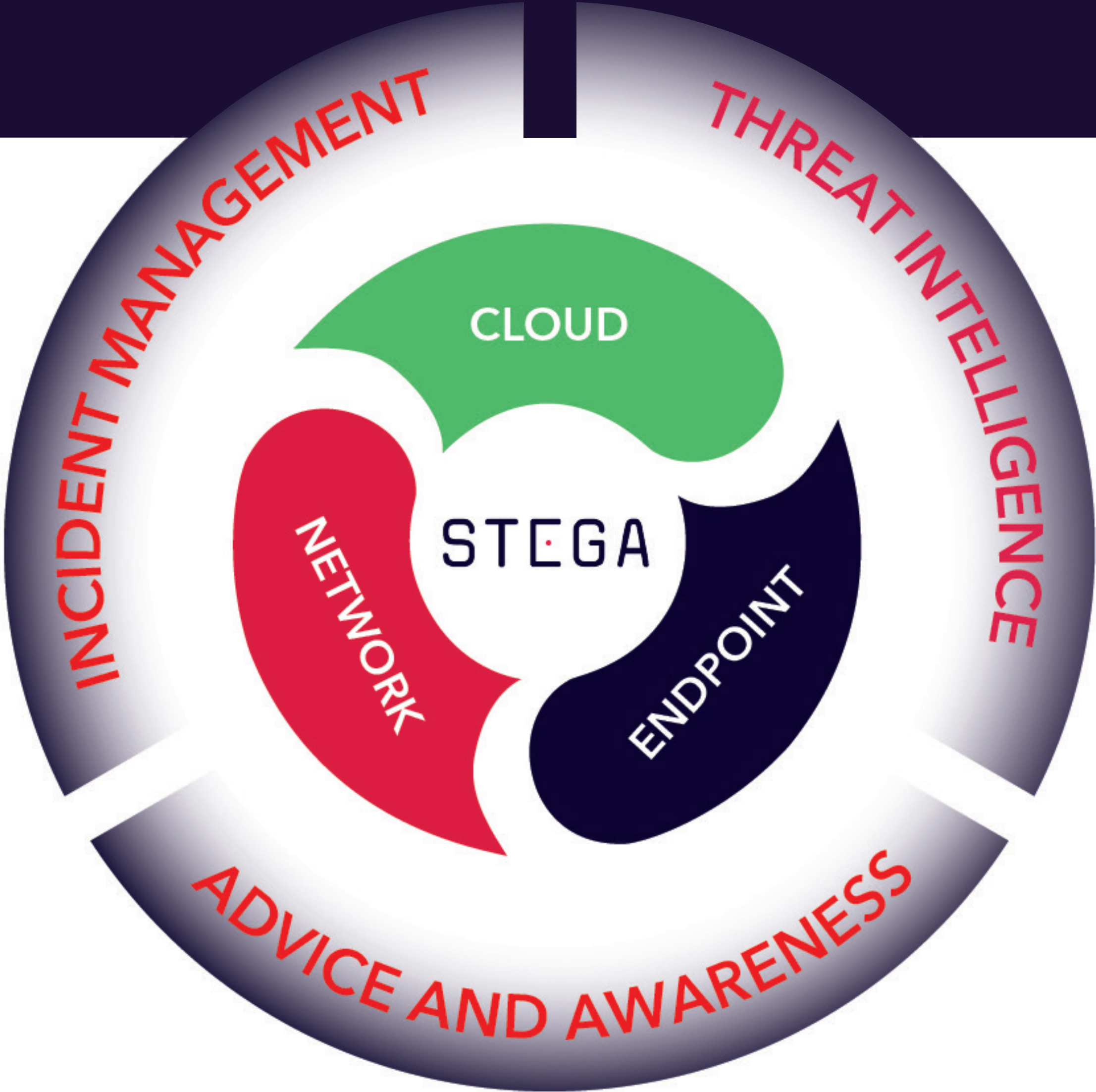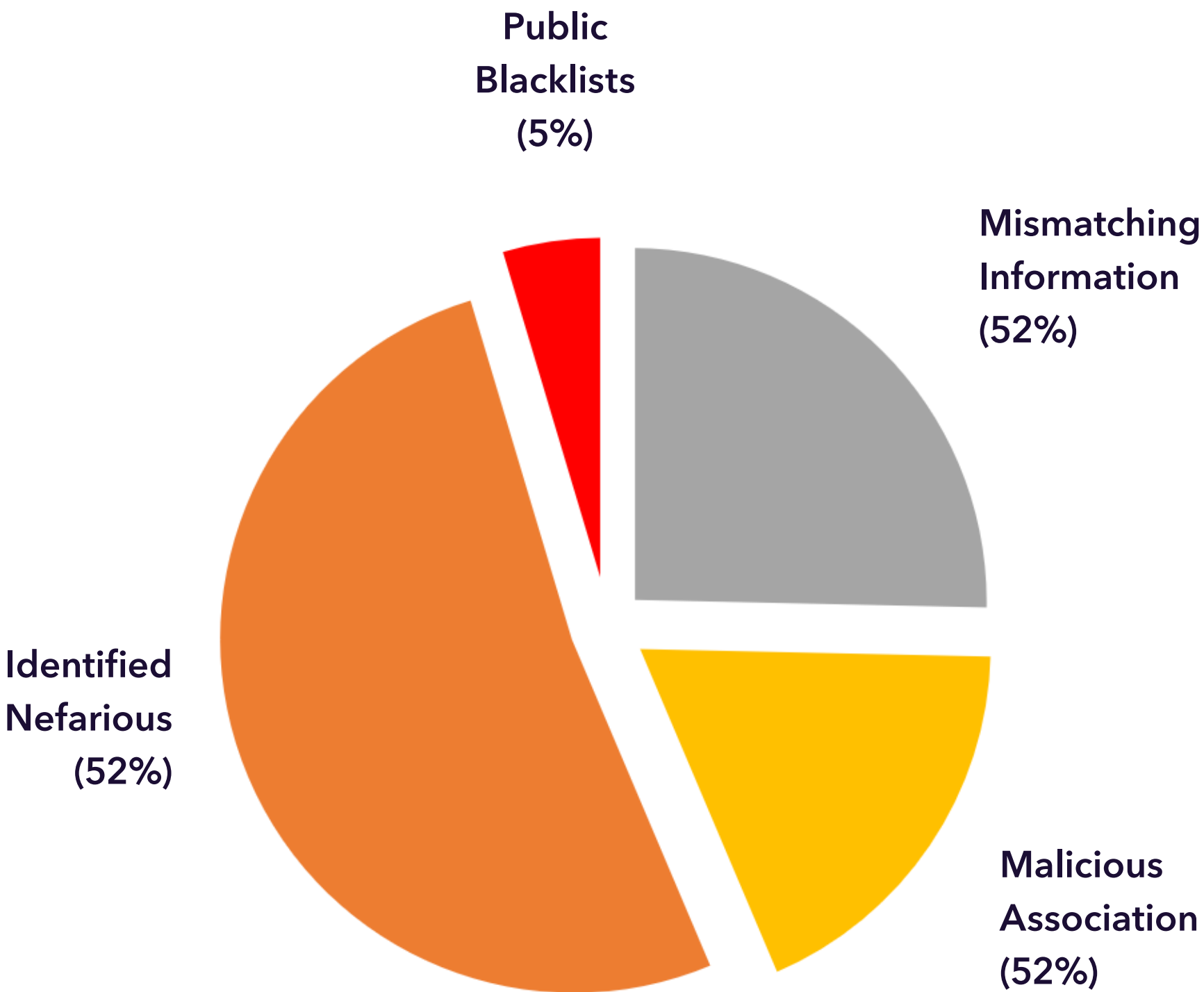
NETWORK CONNECTIONS

Clean Remote Host (50%)

Risky Remote Host (50%)

DOMAIN REGISTRATIONS

Clean (68%)

Risky (20%)

Re-Registered (12%)

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THE KEY ROLE OF THREAT INTELLIGENCE

INCIDENT MANAGEMENT

THREAT INTELLIGENCE

ADVICE AND AWARENESS

CLOUD

NETWORK

ENDPOINT

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HOW RELEVANT IS THREAT INTELLIGENCE DATA

Public Blacklists (5%)

Mismatching Information (52%)

Identified Nefarious (52%)

Malicious Association (52%)
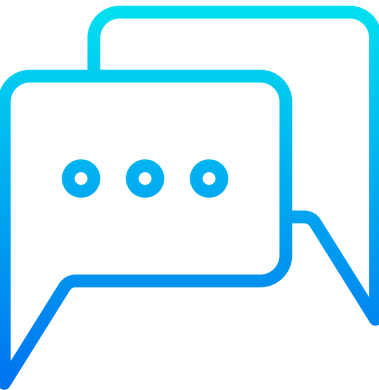
MONTHLY DATA CHURN RATE: 60-75%

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WHAT CAN ONE PERSON DO...
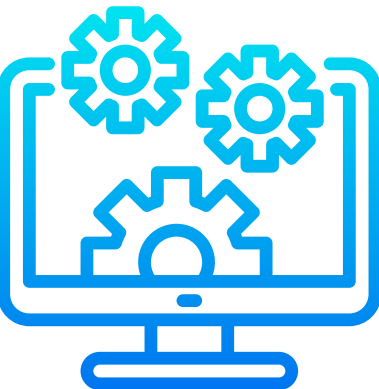
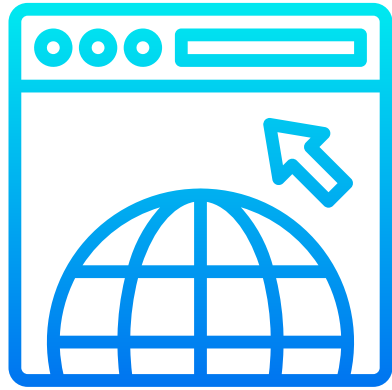EXECUTE 110,000 PROCESSES

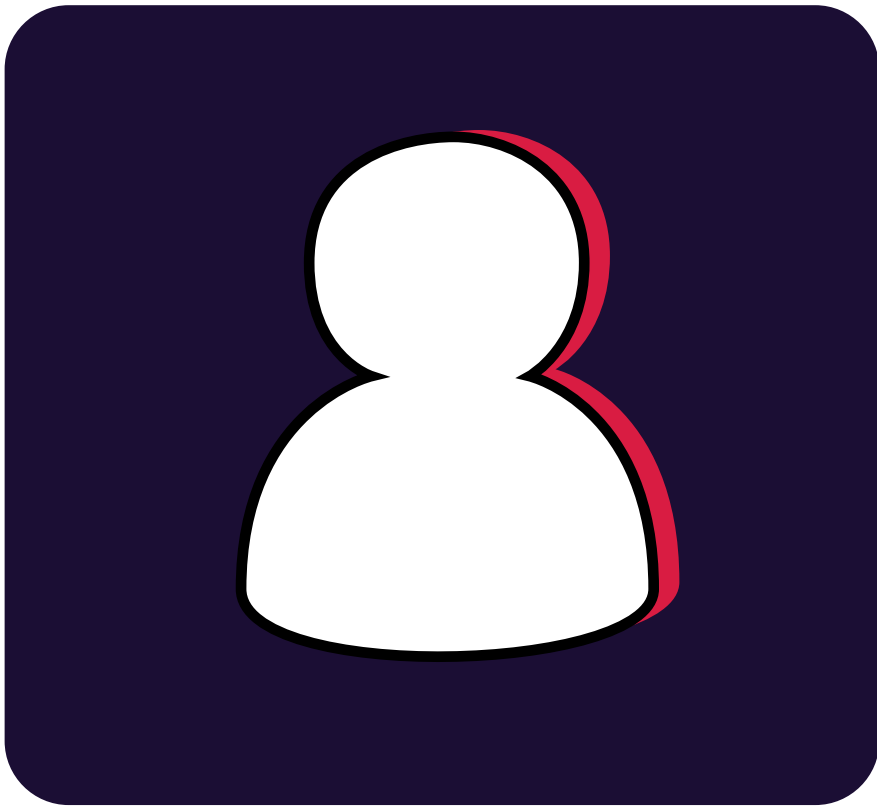COMMUNICATE WITH 1,300 REMOTE HOSTS

SEND/RECEIVE 4,900 MESSAGES

COMMUNICATE WITH 90 LOCAL DEVICES

... IN AN AVERAGE MONTH?

WORK 38 PRODUCTIVE HOURS (OUT OF 140)

VISIT OVER 420 UNIQUE WEBSITES

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SECURITY INCIDENT TIMELINE

- Grievance
- Contemplation
- Identification
- Preparation
  - Automation

- Process Change
- Software Change
- Workaround
  - Accident
  - Negligence

- Reconnaisance
- Social Engineering
  - Authentication / Access
    - Movement / Transferrance
    - Malware / Exploit Execution

- Distraction / Disruption
- Theft / Removal
  - Disruption / Destruction

- Observation
- Re-attempt

- Awareness Training

- Pen-Testing

- Signature Defences
  - Access Control

- Malware Alerts
  - Intrusion Detection
    - Response Plans

- Investigations (Third Party Support)
- Analytics / Forensics
  - Reporting / Improvements

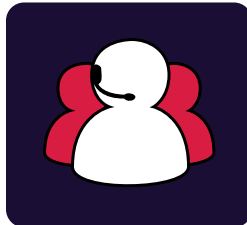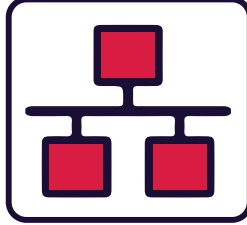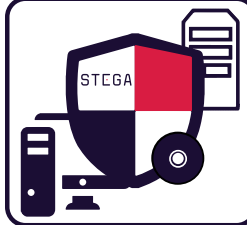| PRE-AMBLE	EXPOSURE	ACTIVITY			BREACH	REMEDIATE	
		EARLY	MID	LATE		RESPOND	RECOVER

DARK WEB MONITORING

DOMAIN MONITORING
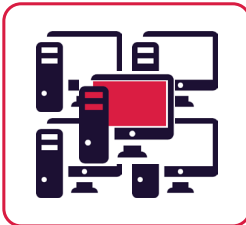
VULNERABILITY MANAGEMENT

INCIDENT MANAGEMENT

NETWORK MONITORING

ENDPOINT MONITORING

DIGITAL FORENSICS

SECURITY REPORTING

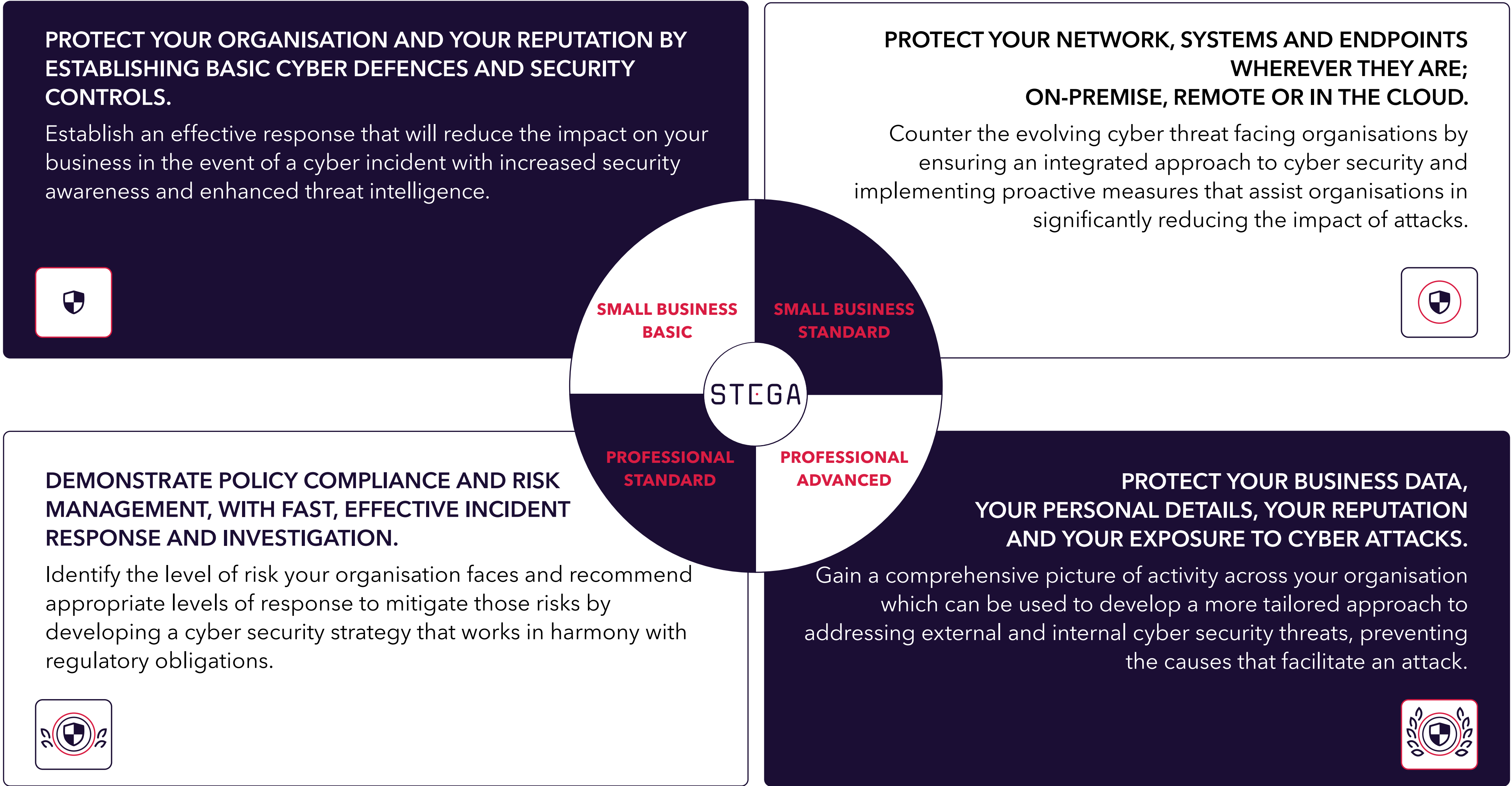SECURITY AWARENESS

EMPLOYEE MONITORING
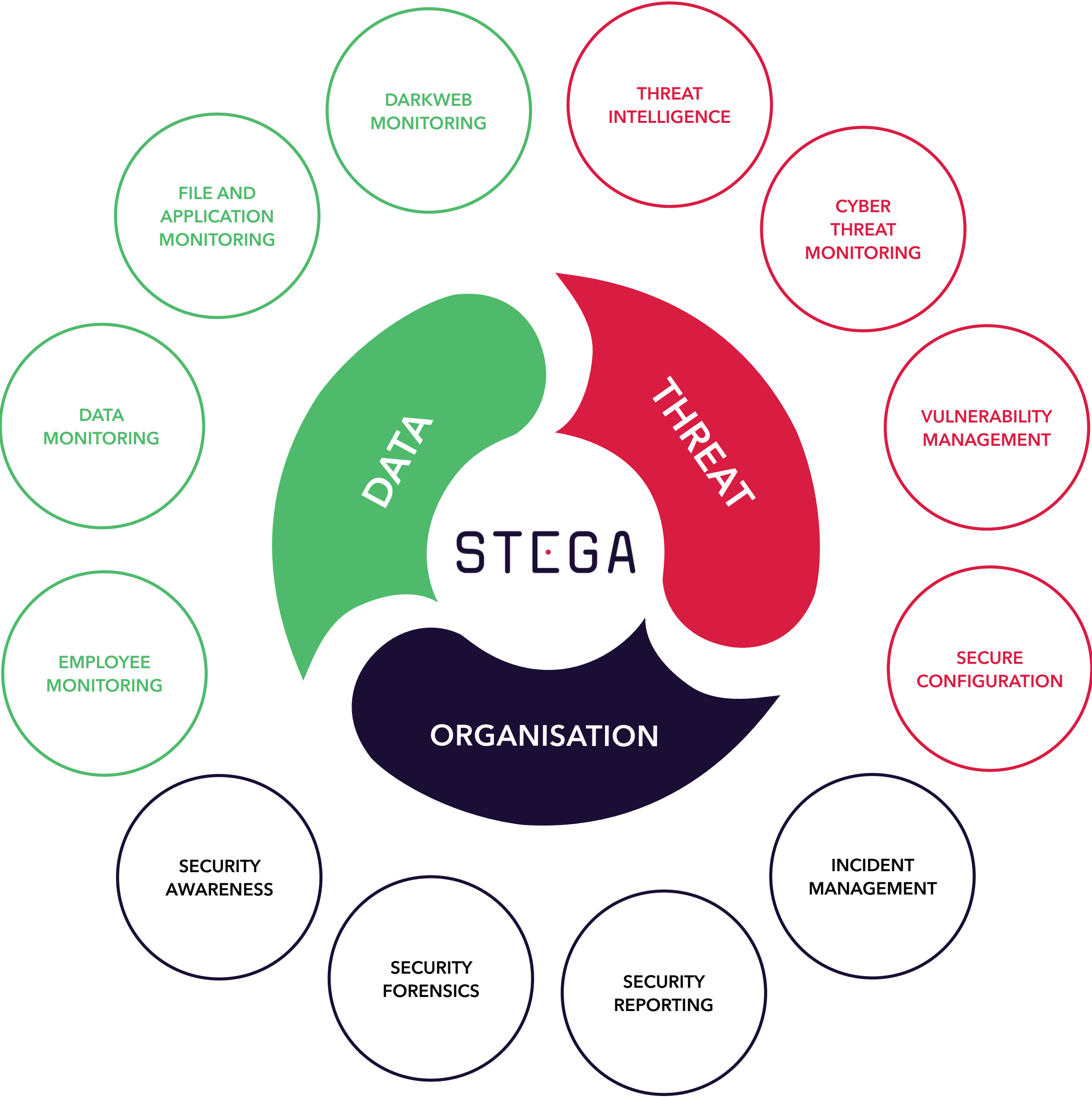
SECURE CONFIGURATION

DATA MONITORING

CLOUD MONITORING

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OUR OFFERING'S VALUE CREATION

PROTECT YOUR ORGANISATION AND YOUR REPUTATION BY ESTABLISHING BASIC CYBER DEFENCES AND SECURITY CONTROLS.

Establish an effective response that will reduce the impact on your business in the event of a cyber incident with increased security awareness and enhanced threat intelligence.

PROTECT YOUR NETWORK, SYSTEMS AND ENDPOINTS WHEREVER THEY ARE; ON-PREMISE, REMOTE OR IN THE CLOUD.

Counter the evolving cyber threat facing organisations by ensuring an integrated approach to cyber security and implementing proactive measures that assist organisations in significantly reducing the impact of attacks.

SMALL BUSINESS BASIC

SMALL BUSINESS STANDARD

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PROFESSIONAL STANDARD

PROFESSIONAL ADVANCED

DEMONSTRATE POLICY COMPLIANCE AND RISK MANAGEMENT, WITH FAST, EFFECTIVE INCIDENT RESPONSE AND INVESTIGATION.

Identify the level of risk your organisation faces and recommend appropriate levels of response to mitigate those risks by developing a cyber security strategy that works in harmony with regulatory obligations.

PROTECT YOUR BUSINESS DATA, YOUR PERSONAL DETAILS, YOUR REPUTATION AND YOUR EXPOSURE TO CYBER ATTACKS.

Gain a comprehensive picture of activity across your organisation which can be used to develop a more tailored approach to addressing external and internal cyber security threats, preventing the causes that facilitate an attack.

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