Fred Drouin

ES2 Managing Director

M. 0488 701 591

www.linkedin.com/in/frederic-drouin-001aa4

SCAN ME

ES² ES² PEOPLE ES² KIDS ES² IR INCIDENT RESPONSE

Cyber Security

Trusted Cyber Security services that aid organisations to understand and defend against the ever-changing environment of cyber threats.
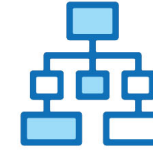
Business Solutions

Helping organisations reach their full potential through the design, deployment and evolution of their data architecture and systems.

Cloud Solutions

Transforming organisations and the scalability of their operations through well-architected, secure and agile Cloud Solutions.

Infrastructure and Network

Well-architected and carefully engineered solutions to organisations' connectivity, communication and operation.

Cyber Incident Response 24/7

Expert cyber advice and support never more than a phone call away available 24/7/365.

IT Managed Services

Ensuring organisations' systems stability, security and reliability through local and onsite support and solutions.

Business Consulting

Leveraging business experience, understanding and IT leadership to provide strategies and solutions with real business outcomes.
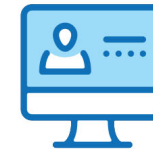
Vendors and Licensing

Helping organisations find the right license agreement and/or technology product through expert advice.

Largest Cyber Security Services Provider in WA

ES2 is the largest *WA Owned* Cyber Security Services Provider in Western Australia, covering a broad range of security skills through its highly experienced local permanent team.

Buy Local

ES2 is the only *WA Owned* Cyber Security Services Provider with 2 offices in Perth CBD, committed to supporting local suppliers and West Australians through a number of community initiatives.

Local Cyber Incident Response 24/7/365

ES2 offers the only local Cyber Incident Response Hotline Service (24x7x365) in Australia.

Local Outsource Security Monitoring

ES2's Security Monitoring Services deliver real-time monitoring, correlation and expert analysis of security related activity across your network.

Microsoft Gold Partner

Proven knowledge and expertise designing, building, deploying and maintaining solutions and systems for organisations through Microsoft's Full Technology Stack from MS SQL to Office 365.

Cloud Security (AWS / Azure)

ES2 leverages on its extensive experience and pedigree in Cyber Security and Business Solutions to offer a number of services to make your organisation's transition to the Cloud smoother, faster and more secure whilst achieving your business goals.

Training

ES2 deliver business value and offers training to all its clients to ensure all engagements are properly transferred to our clients' stakeholders.

Managed Services

All of ES2's implementations are supported by our Managed Services to ensure that the environment delivered continues to be optimal and client satisfaction is met post delivery.
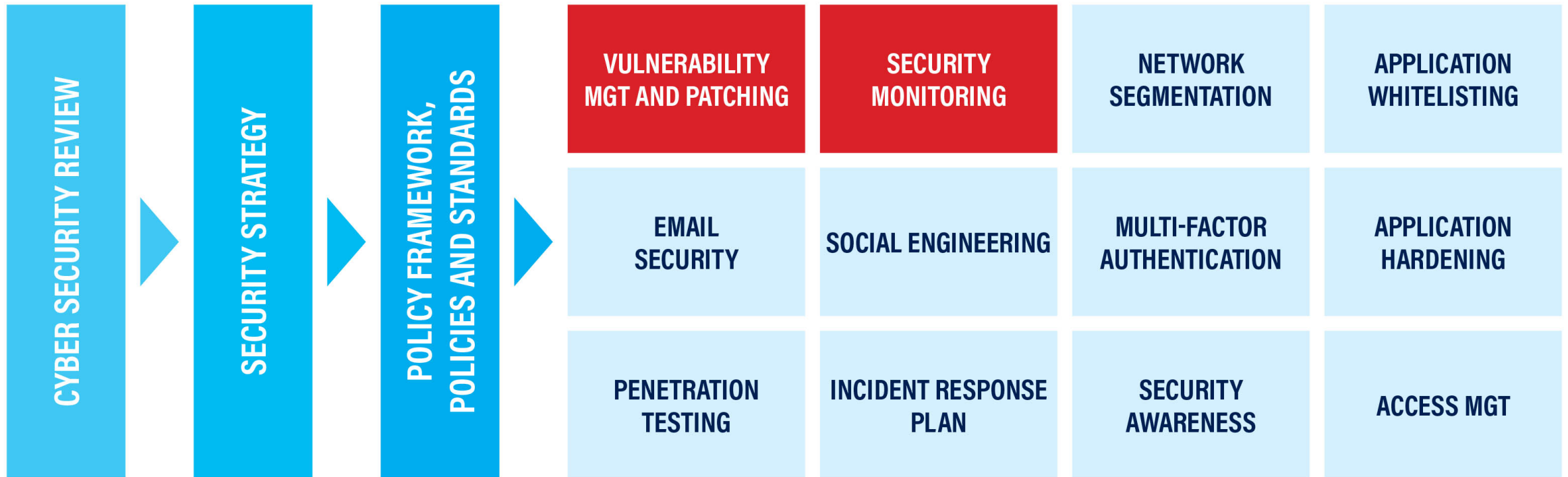
ES2 People

ES2 has access to an extensive pool of leading IT and Cyber Security professionals through its recruitment entity ES2 People, ensuring the high standard and uninterrupted delivery of our services.

ES2 Kids

ES2 Kids is the only not-for-profit community based initiative in WA, fully supported by ES2, aimed at providing Cyber Security Awareness to K-12 students.

ES2 CYBER SECURITY ROADMAP

CYBER SECURITY REVIEW	→	SECURITY STRATEGY	→	POLICY FRAMEWORK, POLICIES AND STANDARDS	→				
						VULNERABILITY MGT AND PATCHING	**SECURITY MONITORING**	**NETWORK SEGMENTATION**	**APPLICATION WHITELISTING**
						EMAIL SECURITY	**SOCIAL ENGINEERING**	**MULTI-FACTOR AUTHENTICATION**	**APPLICATION HARDENING**
						PENETRATION TESTING	**INCIDENT RESPONSE PLAN**	**SECURITY AWARENESS**	**ACCESS MGT**

ES² ES² PEOPLE ES² KIDS ES² IR INCIDENT RESPONSE

ENTERPRISE PROACTIVE MONITORING OVERVIEW

Threat Detection and Classification

1 **2**

ES2

ES2 Cyber Managed Services Team

Monitoring

Alerts

SIEM

AlienVault

Client

Service Team

Systems

Logs

Optional   **1** Incident Response Plan   **2** Incident Response Services
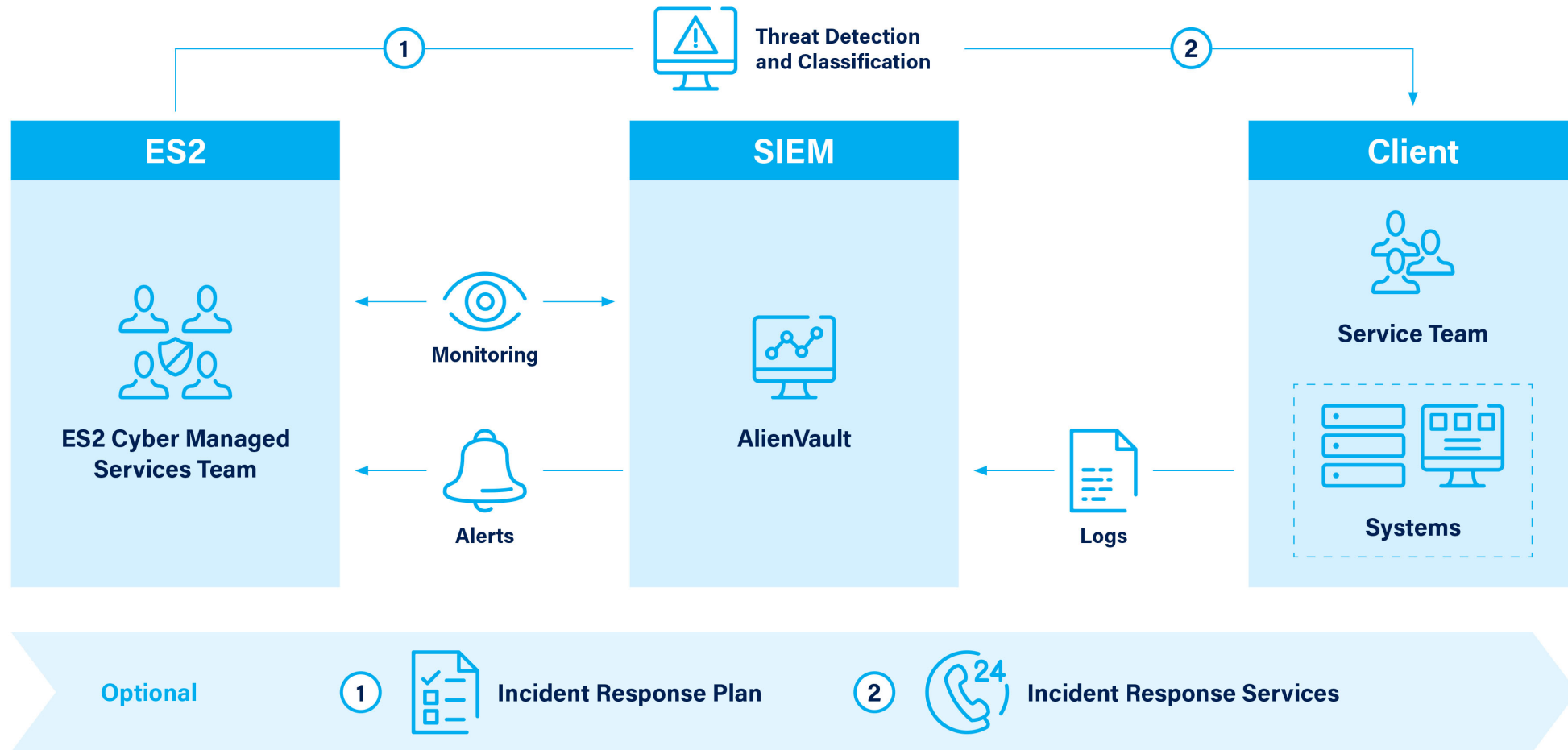
Andy Battle
ES2 Chief Technology Officer

M. 0449 985 169

www.linkedin.com/in/andybattle/

SCAN ME

- **Account Takeover**

- **Ransomware**

- **Supply Chain Attack**

- **Operating System Exploit**

DISSECTING AN ATTACK

Account Take Over

Dissecting An Attack

1 — Target Victims
Criminals target victims by way of phishing, spear phishing or social engineering techniques.

2 — Install Malware
The victims unknowingly install malware on their computers, often including key logging and screen shot capabilities.

3 — Payments / Banking
The victims process payments or visit their online banking website and logon per the standard process.

4 — Collect & Transmit Data
The malware collects and transmits data back to the criminals through a back-door connection.

5 — Initiate Funds Transfer(s)
The Criminals leverage the victim's payment data or online banking credentials to initiate a funds transfer from the victim's account.

Applying software patches for operating systems and third-party applications in a timely manner

User accounts are always authorised with appropriate access ensuring minimal administrator privileges exists

Implementing multi-factor authentication techniques for the network for remote connections and on premises

Hardening the configuration of applications and software, including Microsoft Office 'macros'

Implementing a password filtering solution to blacklist commonly used and poor passwords

Online Portals

Trusted Identity

Internet of Things

Secure Access

- **Payment Systems**
- **Public Services**
- **Smart City / IoT**

- **Securing Access**
- **Access Management**
- **Logging & Event Monitoring**

- **Confidential Data**
- **Breach Readiness**
- **Incident Response**