HOW NOT TO BE TOMORROW'S HEADLINE

By David McLoughlin
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Understanding and Managing Risks.

Staying out of the news cycle means being transparent and in control of your Open Source Software. Managing license compliance, protecting your IP, and understanding security vulnerabilities are a must, not a maybe.

Image by Gerd Altmann from Pixabay

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The State of the Financial Services Industry.

18%

SECURITY, IDENTITY, AND PRIVACY TECHNOLOGIES ARE PRIORITY FOR BANKS & CAPITAL MARKETS; IN THE TOPE 3.**
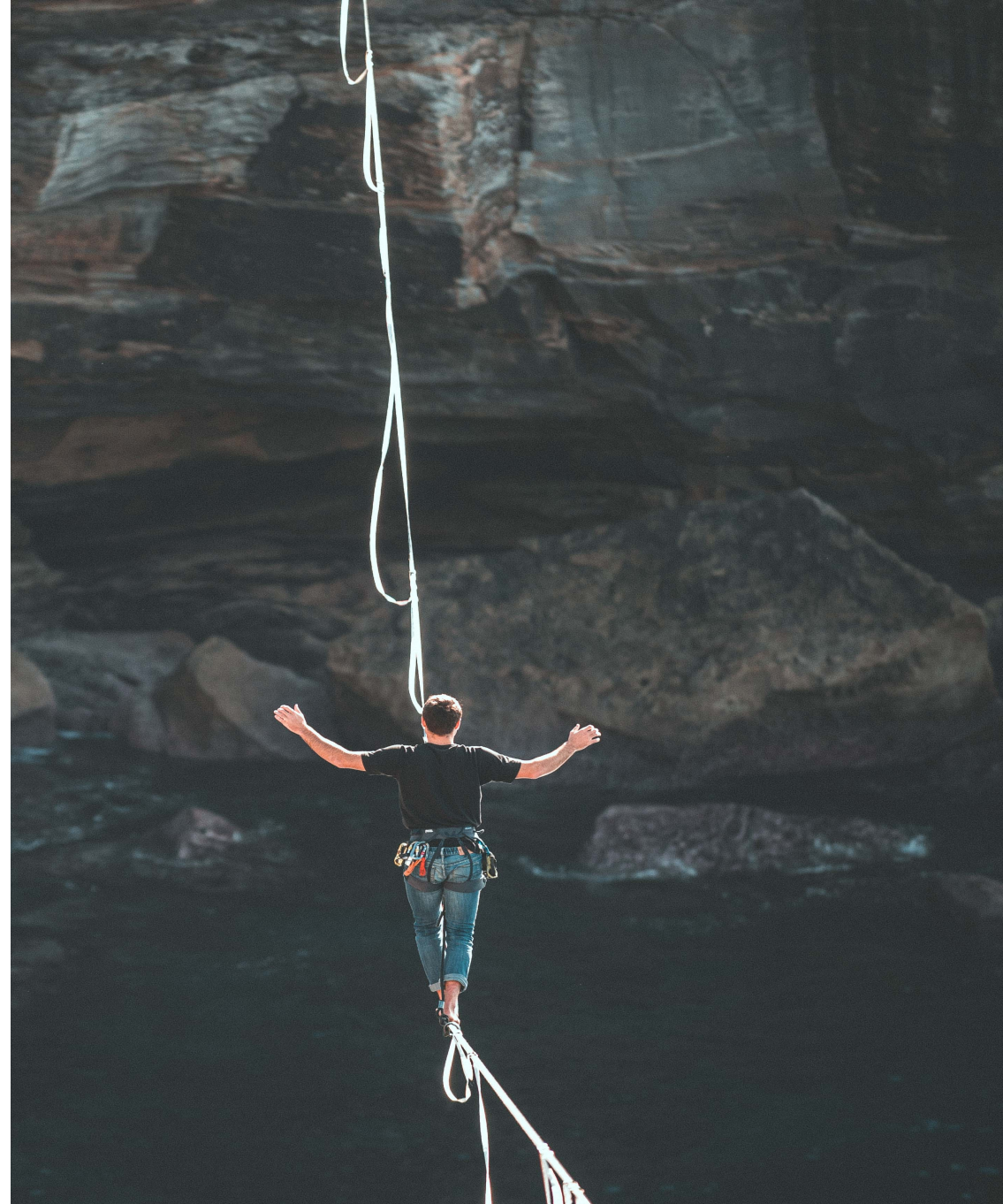
*Source: BITSIGHT.
** Source: Deloitte

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THE ADVANTAGES OF OPEN SOURCE

1 Cost Effective

2 Faster Time-to-Market

3 Innovation

4 Reliability

5 Community

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Well known RISKS

But why do companies need SCA?

CONSEQUENCES

1 Ineffective Management

2 Slows down Development

3 Developers hide Usage

4 Lose key Advantages

5 Open to key Risks

… becoming tomorrow's headline

TAKING A SOLUTION APPROACH

Empowering your developers to use more OSS

UNDERSTAND AND PRIORITIZE RISK

- Security teams assess where risk exists
- Which licenses cause issues by scenario

ESTABLISH TOLERANCE LEVEL

- Assess security exposure risks by area
- Assess licenses for greatest legal exposure by area

DEVELOP POLICY

- Document the when and how to use OSS to eliminate risks
- Provide guidelines for consuming and using
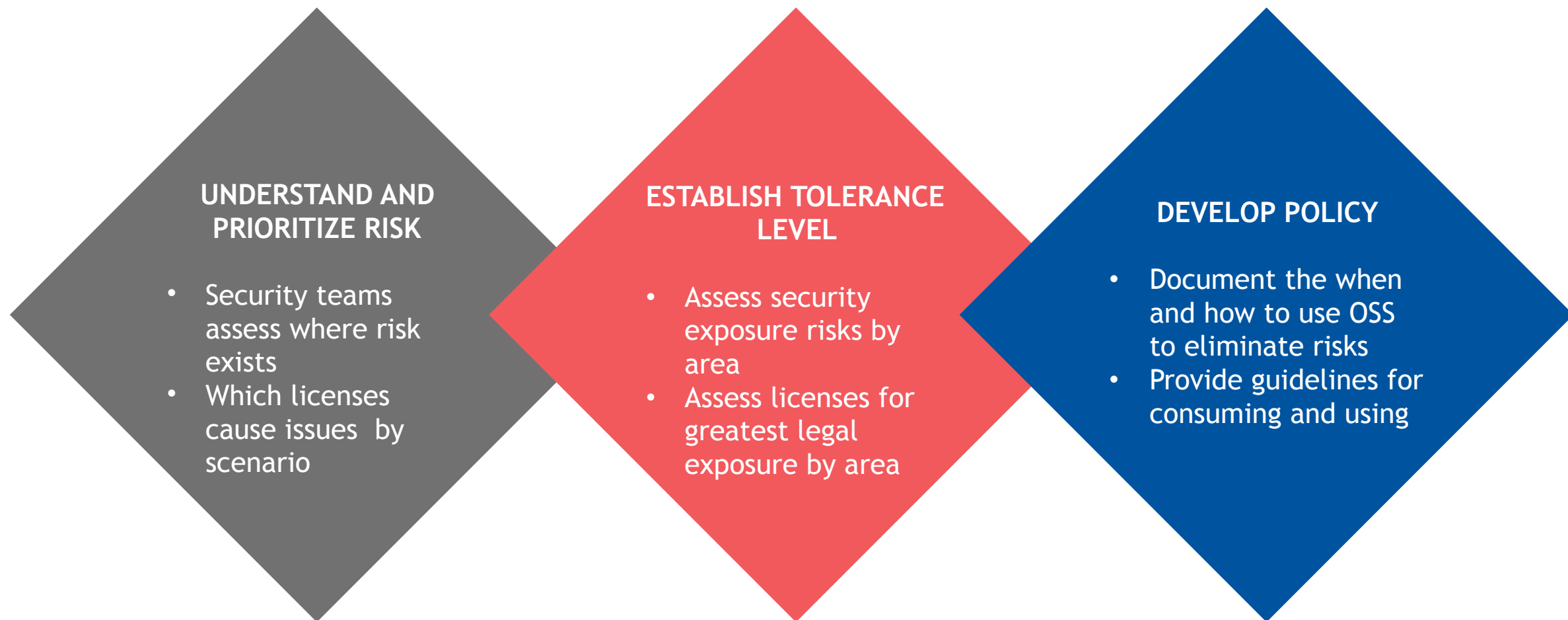
TAKING A SOLUTION APPROACH

Enable your teams with the right tools

EDUCATE

- Role out policy education
- Role in reducing risk
- Provide tools to enable policies and approvals

AUTOMATE DISCOVERY

- Implement SCA tools in Dev at each stage: consumption, deployment, legacy code
- Reduce manual work

ONGOING MONITORING

- Incremental code review
- Alerting for new security vulnerabilities
- Changes in licenses
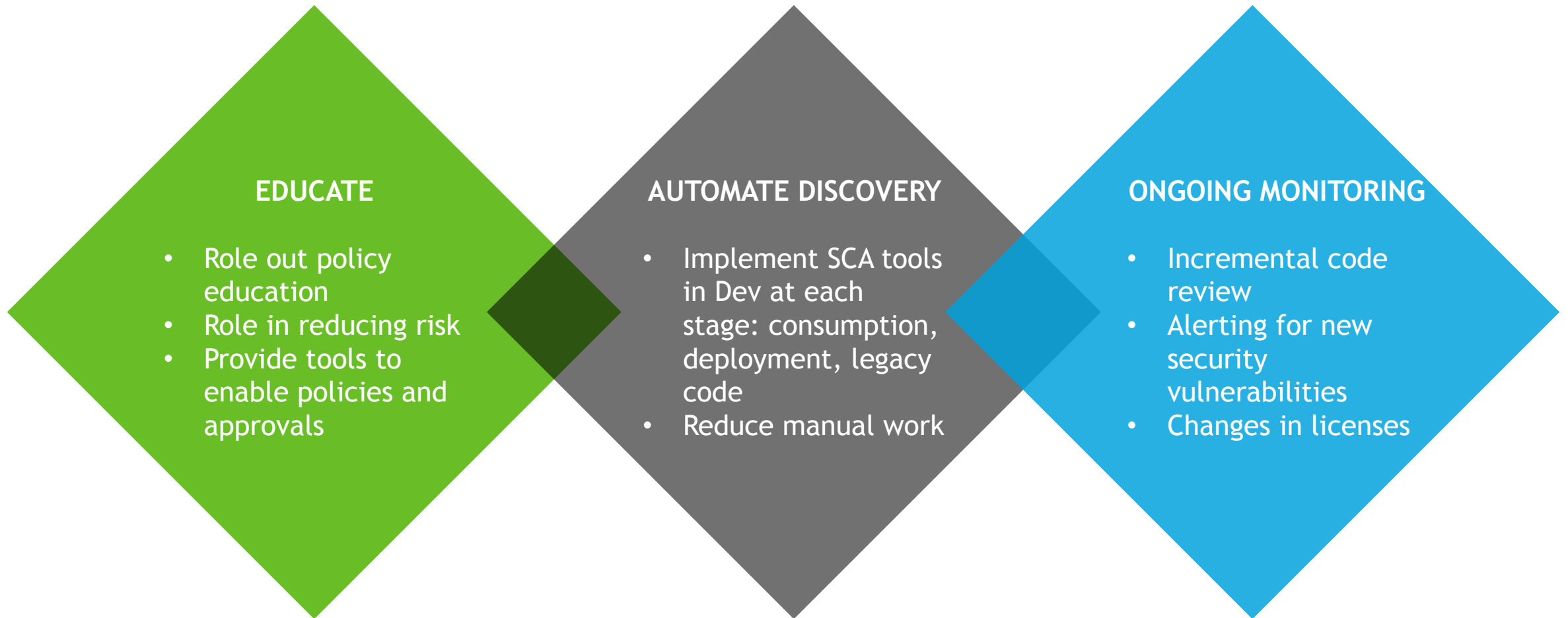
TAKING A SOLUTION APPROACH

When and where to use SCA in your process

Product Development

Iterative scanning on code complete

Design

Develop

Build

Deploy

As OSS is introduced

Legacy code
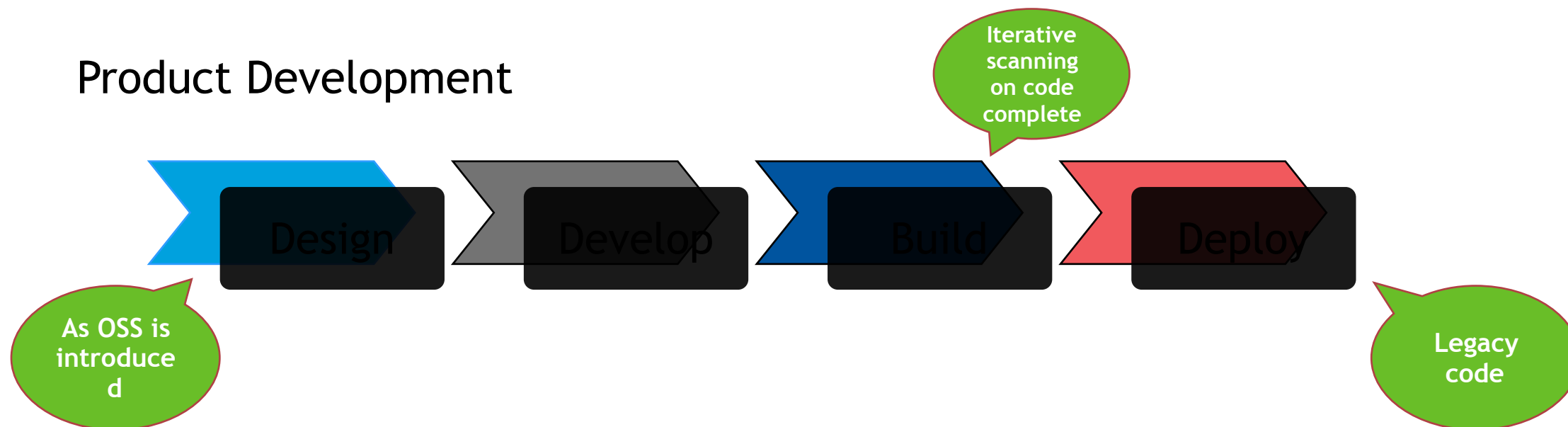
Product Acquisition

Due diligence

M&A

Case Studies

HOW HAVE OTHERS SHOWN SUCCESS?

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INTERNEURON

CHALLENGE

- Overcoming perception that traditional proprietary software is the least risky option

- Enable complete transparency of open source use, including use in the supply chain

- Decrease the knowledge gap around measuring open source quality and effectiveness

SOLUTION

- Software Composition Analysis

- Managed Services from Source Code Control

- Supply Chain Conformance

BENEFITS

- Transparent demonstration of quality assurance; unachievable by proprietary solutions

- Automated tracking of security vulnerabilities

- Remove barriers from purchasing decisions, creating competitive

"Every application we develop and deliver on today uses Open Source Software. Together with FlexNet Code Insight and Source Code Control, we are confident that our solutions are both vulnerability-free and license compliant. Our customers trust us to deliver on that 100% of the time."

MATT CONWAY
—CHIEF TECHNOLOGY OFFICER, INTERNEURON

SIGNIFICANT BUSINESS BENEFITS

- **Removing the risk from purchasing decisions**. Procurement organizations can see applications are risk-free and license compliant. Open source adoption is growing, and expensive proprietary solutions are no longer the only option.

- **Quality, consistent open source compliance and risk management.** Through **automated tracking and management** of copyrights, license compliance, policy management, reporting, and security vulnerability management, Interneuron provides complete transparency to its Open Source Software use for customers and prospective clients.

- **New business opportunities.** License compliance and a focus on open source risk mitigation helps build trust and confidence with prospects that, once upon a time, wouldn't consider purchasing applications based on Open Source Software. Interneuron's Software Composition Analysis solution has opened new doors and helped the company move quickly to capitalize on potential opportunities.

- **Accountability for security and compliance**. Issues and problems in the development lifecycle are quickly identified and covered in training; enhancing the accountability for who is executing and deploying a build, as well as the overall level of compliance and security output.

- **Higher quality code and more robust solutions**. Interneuron has the confidence and ability to focus on developing quality code and to manage license compliance and security risks. Developers and engineers focus on high value tasks leading to higher quality applications.
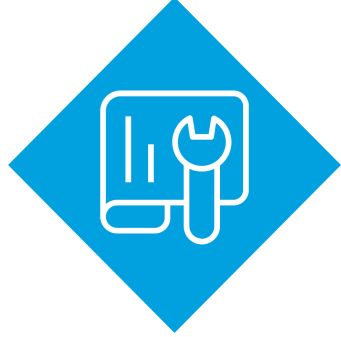
Empower Open Source Use for Long-Term Success and Business Impact.

With increased sophistication and open source use, companies need a plan to not be tomorrow's headline.
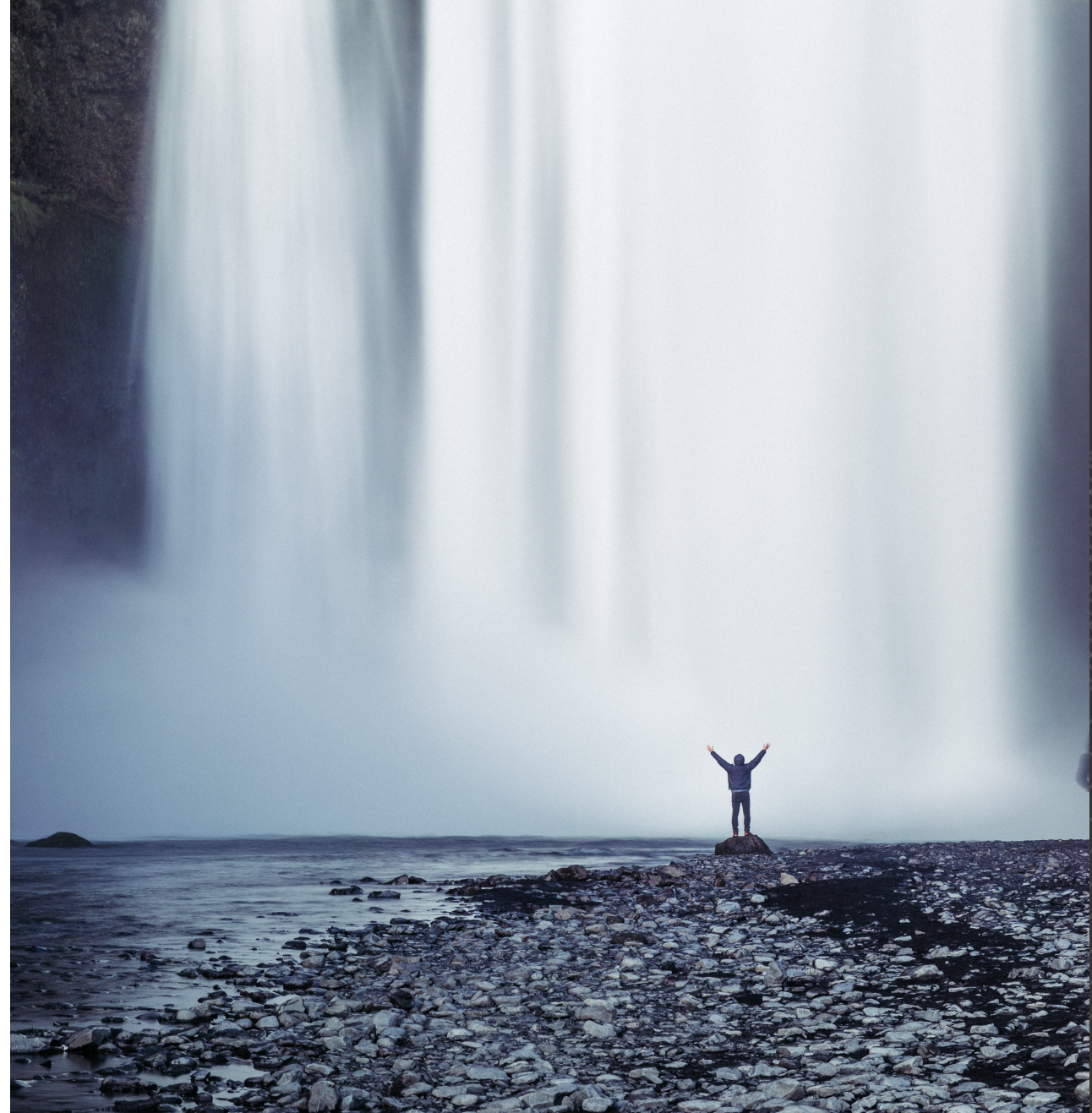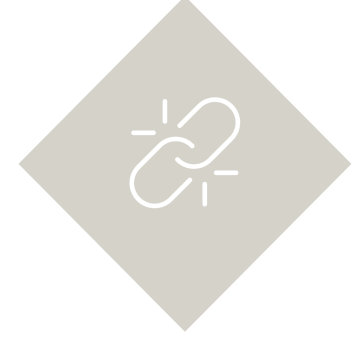
FINAL THOUGHTS

Development teams continue to move faster and view open source as a top priority to enable speed to market

SCA empowers companies to use open source effectively while addressing security, compliance, legal and ultimately customer requirements

Organizations must look to integrate SCA earlier in the SDLC

A poorly executed program can decrease the value of open source

Take a solution approach to understanding your risk tolerance and implementing the right policies for ongoing management

QUESTIONS

www.flexerasoftware.com/protect

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THANK YOU

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