Privacy
Safety
& Security

Using **Minimum Viable Secure Product (MVSP)** to secure product procurement

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Third-party Risk
Why do we care?

"98% of organizations have a relationship with at least one third-party that has experienced a breach in the last 2 years."

2023 SecurityScorecard report

https://securityscorecard.com/research/cyentia-close-encounters-of-the-third-and-fourth-party-kind/

Overwhelming Processes

Third-party security is difficult to maintain
Increasing demand on third-party usage means an ever increasing demand on resources to manage, assess, and perform ongoing monitoring.

Application security processes are difficult to comply with
Unique processes and complex standards are difficult to navigate even for established companies, let alone start ups. In addition, it can take a long time to get certified.

Existing standards aim high, but don't show where to start
Resource constraints can result in prolonged timelines for investing in security early on, thus making life harder later.

Minimum Viable Secure Product

What is MVSP?

Minimum Viable **Secure** Product (MVSP)

"A minimum application security baseline for enterprise-ready products and services"

Minimum Viable Secure Product (MVSP)

MVSP is a baseline self-service checklist released under [CC0 1.0](#).

The [bare minimum](#) application security controls ([25](#)) that [must](#) be in place for an enterprise product or service to be classed as secure.

Control Areas

- Business controls
- Application design controls
- Application implementation controls
- Operational controls

1 Business controls	
Control	**Description**
1.1 External vulnerability reports ^{FAQ}	• Publish a vulnerability disclosure policy that outlines the testing scope, provides a legal safe harbor, and gives contact details for security reports **Example:** Publish a policy generated with disclose.io and refer to it using security.txt (RFC 9116). • Develop and document procedures for triaging and remediating reported vulnerabilities • Respond to reports within a reasonable time frame • Patch vulnerabilities consistent with Control 3.4
1.2 Customer testing ^{FAQ}	• On request, enable your customers or their delegates to test the security of your application • Test on a production or a non-production environment that closely resembles the production environment in functionality • Ensure non-production environments do not contain production data • Reasonable restrictions on testing can be defined
1.3 Self-assessment ^{FAQ}	Perform and make available security self-assessments for each qualifying product/service, using the latest MVSP release, at least annually

What MVSP **provides**

- Minimalistic security checklist focused on **application security**
  - Measure at the Application / Service level
    - vs other standards like SOC 2 which measure the organization
- Aimed at enterprise software and services
- Developed and maintained together with industry partners
  - 20+ members
- Designed with simplicity in mind

Application Application Application Application Service Service Service Service

Enterprise Security Program

Minimum Viable Secure Product
How does it work?

Third Party Risk | Improving vendor selection

Alongside industry partners, Alphabet has publicly launched Minimum Viable Secure Product (MVSP) to address security gaps in the vendor selection processes (RFP/RFI).

MVSP is designed to work across multiple levels of the TPRM Lifecycle to improve decision making, reduce overhead of due diligence associated with low maturity vendor solutions, and ensure alignment with contractual controls to reduce last minute surprises.
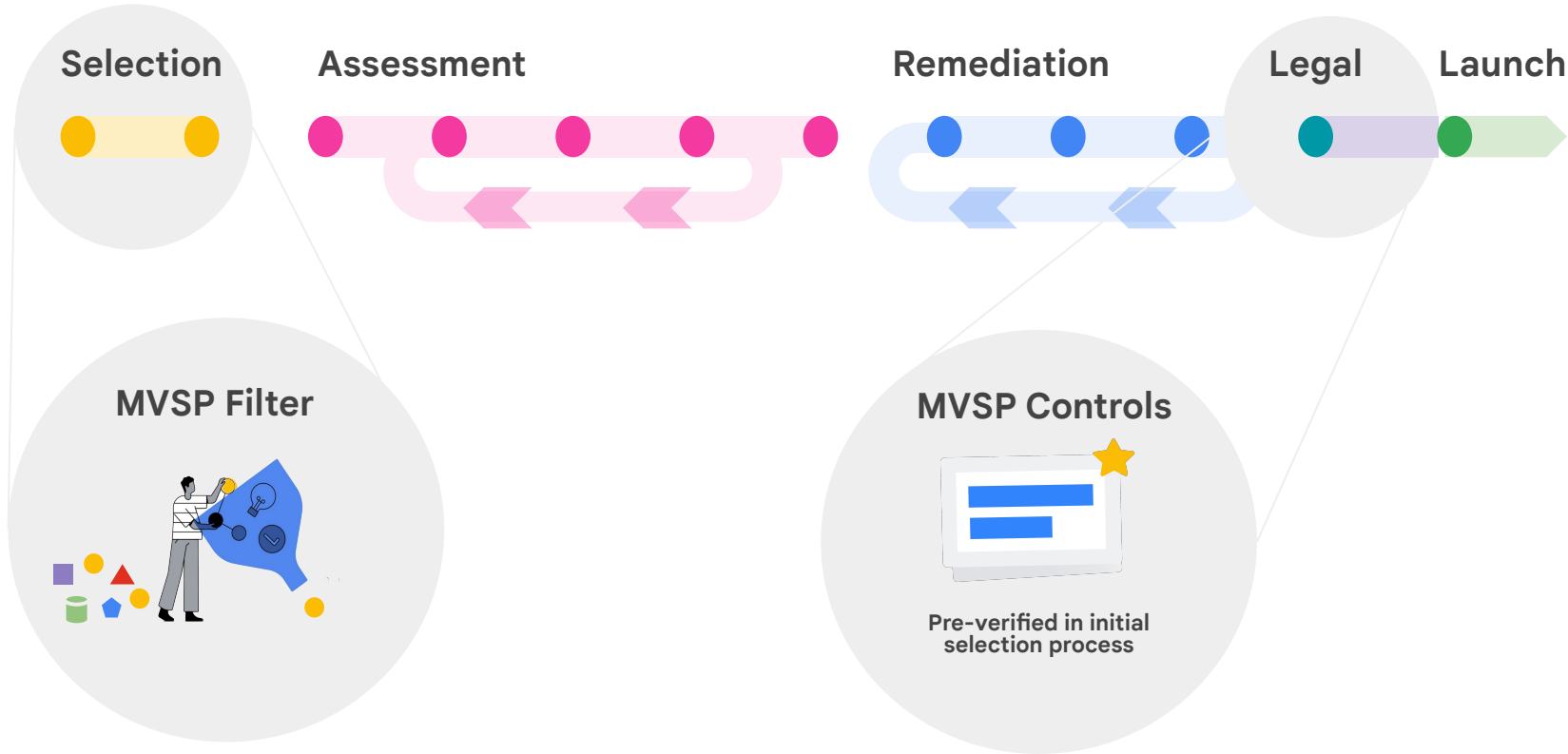
Industry

Encourage security adoption.

A rising tide lifts all boats.

Business

Vendor selection/approved suppliers.

End-to-end alignment on minimum requirements.

Security

Agreed and clear minimum requirements.

Legal

Simplified contract language.

Reduction in changes.

mvsp.dev

Benefits of MVSP

How did MVSP help Google?

Reducing 3P risk - visibility and control

Selection **Assessment** **Remediation** **Legal** **Launch**

MVSP Filter

MVSP Controls

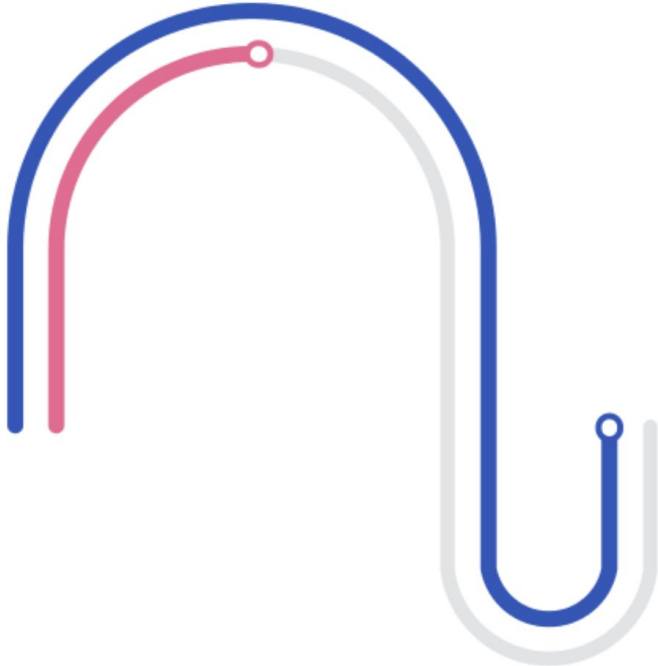Pre-verified in initial selection process

Accelerated Completion times

Comparison – Traditional vs. MVSP-based assessments

123 Days
to complete legacy process

39 Days
to complete MVSP-based process

MVSP Improvement in numbers

68% reduction in end-to-end
completion times with MVSP controls

Benefits of MVSP

How can it benefit you?

How **MVSP** can help you

- Designed with simplicity in mind
  - 25 easy-to-read controls instead of 100s of pages
- Helps focusing on what's most important
  - Actionable guidance to establish a secure foundation
- Flexibility
  - Help raise the bar one product / service at a time
- Industry backed
  - Established good practices
  - Prepares for future collaborations

Call to action

- Help us raise the minimum bar for application security
- Draw a line in the sand – Don't accept less

MVSP.dev
mvsp@groups.io
github.com/vendorsec/mvsp

MVSP

Thank you!