



An overview of due diligence process Executed Before Open Sourcing Proprietary Source Code

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LFENERGY

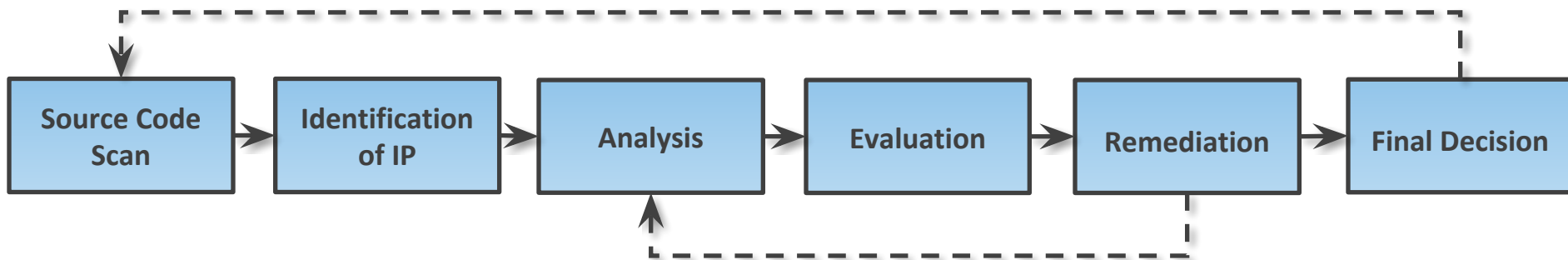
Description

This presentation provides a generic process to follow when analysing proprietary source code that will be open sourced, in addition to offering some best practices in relation to the process itself.

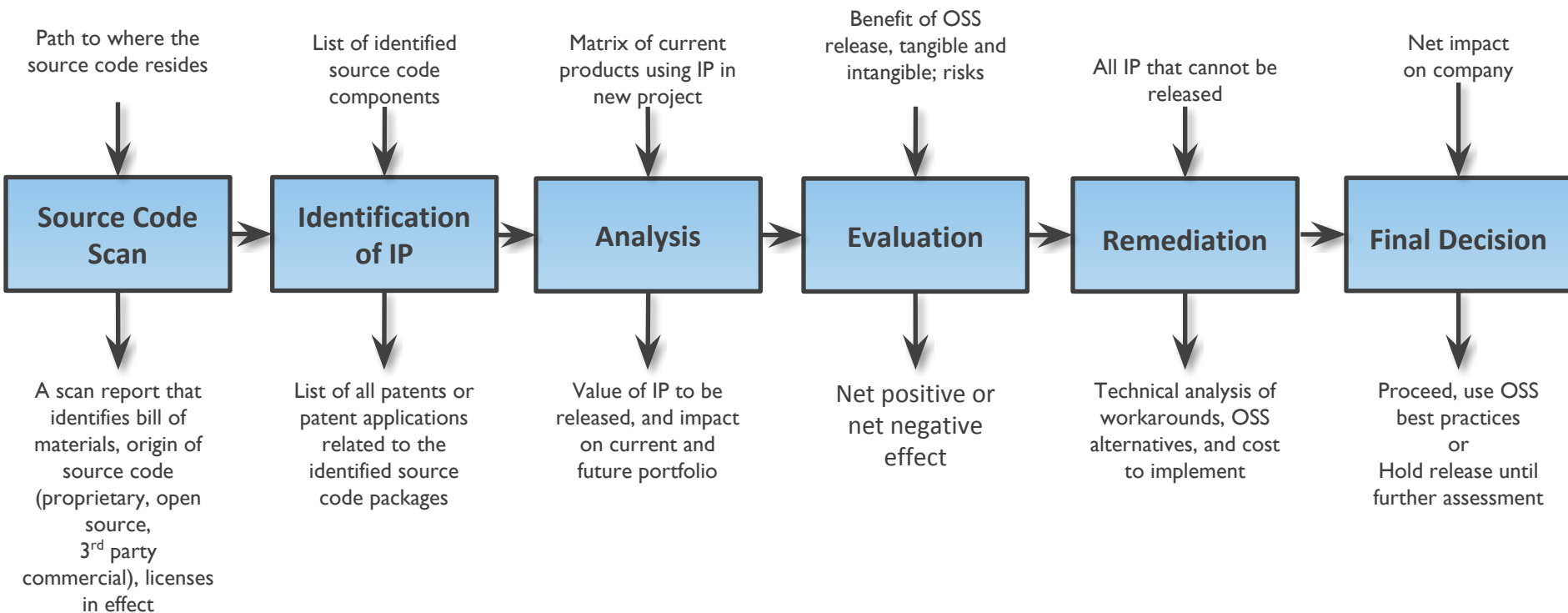
Standard Disclaimers

- › I am not a lawyer and none of the material discussed or presented should be considered as legal advice.
- › Please consult with your company's lawyers for your specific situation.

Sample IP Due Diligence Process



Inputs and Outputs



Characteristics of the Process

- › Must be a methodical, well-planned, and thorough process
- › First time setup may be time- and resource-intensive
- › Incremental due diligence requires less resources / time
- › If the company goes through such a process periodically, it is a good idea to invest in some tools to make the process easier to manage

Identify Origin and Licenses of Source Code

- › Scan all source code packages
 - › Proprietary
 - › Licensed from a 3rd party
 - › FOSS
- › Produce a report that identifies origins and licenses of each source code packages
- › The primary executor of this step is the Open Source Compliance Officer
- › Ideally, the company maintains proper FOSS compliance practices and records and would generate an existing report, versus a full platform scan

Identify all IP in the Source Code

- › The goal of this step is to identify all IP used in the source code components intended for open sourcing
- › Not an easy process as it involves surveying all patents and patents applications and mapping them to the identified source code components
 - › Manual and time consuming
 - › Some COTS tools exist to facilitate this exercise
 - › Companies that go through this process often develop their own supplemental tools to enable more automation into the process
- › This step in the process is driven by the Legal team responsible for patent portfolio

Legal, Technical and Business Analysis

Technical Analysis

- › Identify difference between current technology and patented technology to understand the type and value of patents to be made available
- › Technical / Engineering leads drive this analysis

Legal Analysis

- › Identify pending and resolved IP lawsuits related to patents in question
- › Identify companies involved, and current claims that did not make it to court yet
- › Identify the need in current products for IP protection from these patents
- › Legal team drives this analysis

Legal, Technical and Business Analysis

- › Identify potential market for products / services that could come out of the patents in question
- › Identify current royalties, if any
- › Identify the business risks from making the patents in question available; Identify how could competitors exploit that

Business P&L owner drivers this analysis

IP Remediation

- › If IP is identified as a No-Go, evaluate the costs of working around it so that released code remains functional
- › Common issues and remediation
 - › **3rd party IP is licensed under a commercial license**
 - › Re-negotiate terms of license to allow open sourcing
 - › Clean-room implementation to work around IP
 - › Locate an existing open source component that provides similar functionality
 - › **Internal IP not suitable for redistribution**
 - › Clean-room implementation to work around IP
 - › Locate an existing open source component that provides similar functionality

Final Decision

- › If the decision is to open source, proceed according to best practices
- › If the decision is to not open source, evaluate the extent of changes required and either terminate process with a NO-GO decision or proceed with remediation plan

Conclusion

- › IP due diligence is a must-do step, and requires a well defined process and fast decision making
- › It requires collaboration between Legal, Business and Technical teams
- › It depends on:
 - › Availability of a solid compliance program as a starting point to allow identification of software components, origin and licenses
 - › Availability of proper IP inventory



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