

OSS License Compliance und Continuous Delivery – Wir brauchen neue Wege

Oliver Fendt, Siemens AG, CT RDA SSI

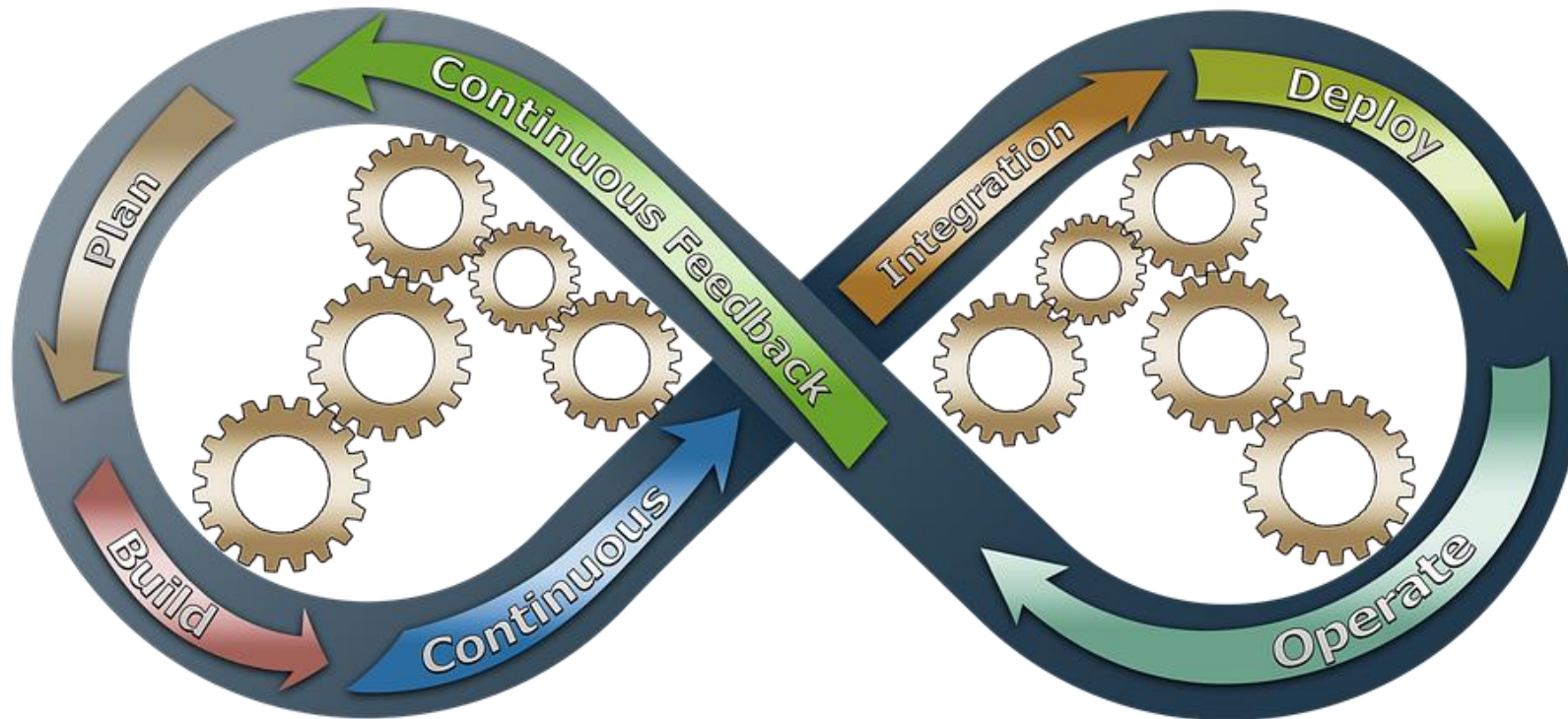
1 Modern software development

2 License compliance activities and modern software development

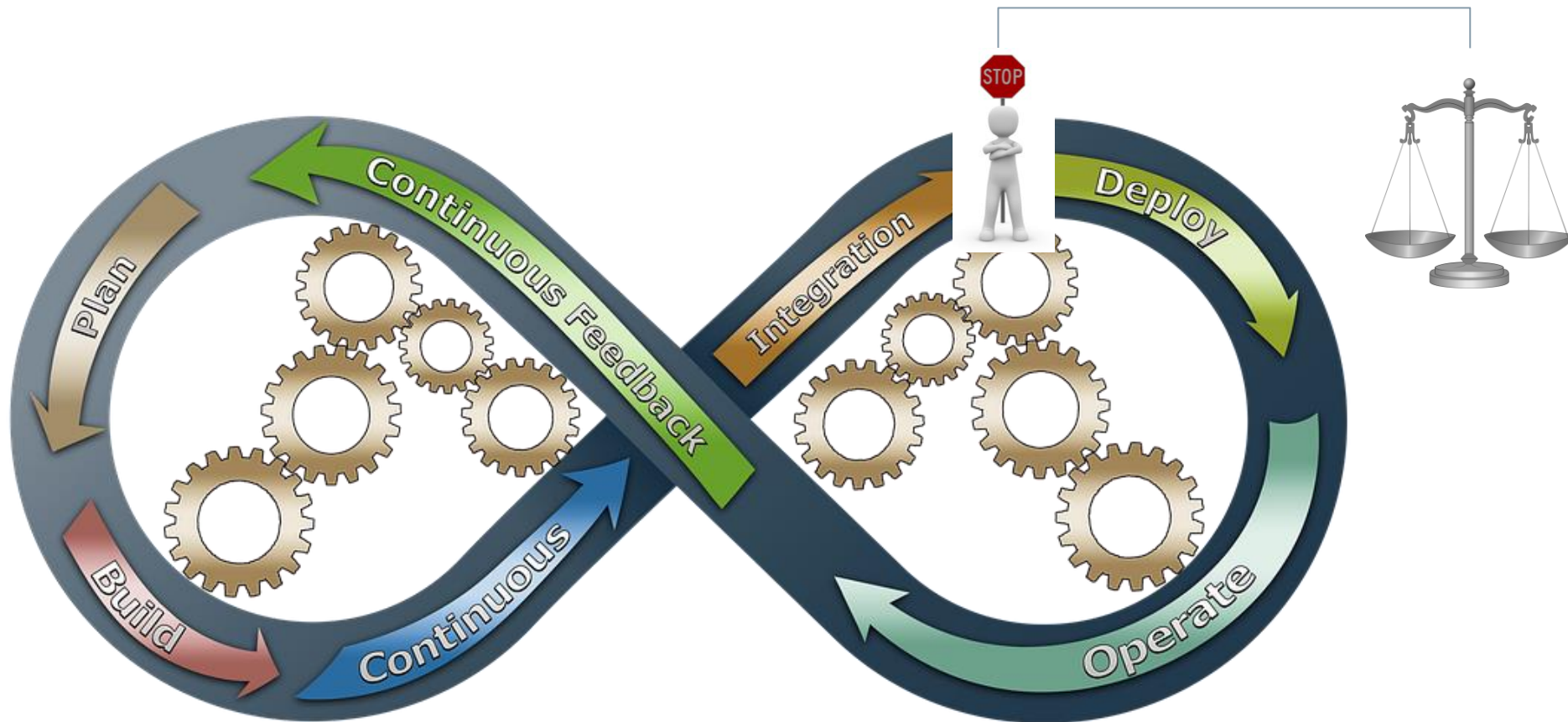
3 An approach to minimize license compliance efforts

4 Conclusion

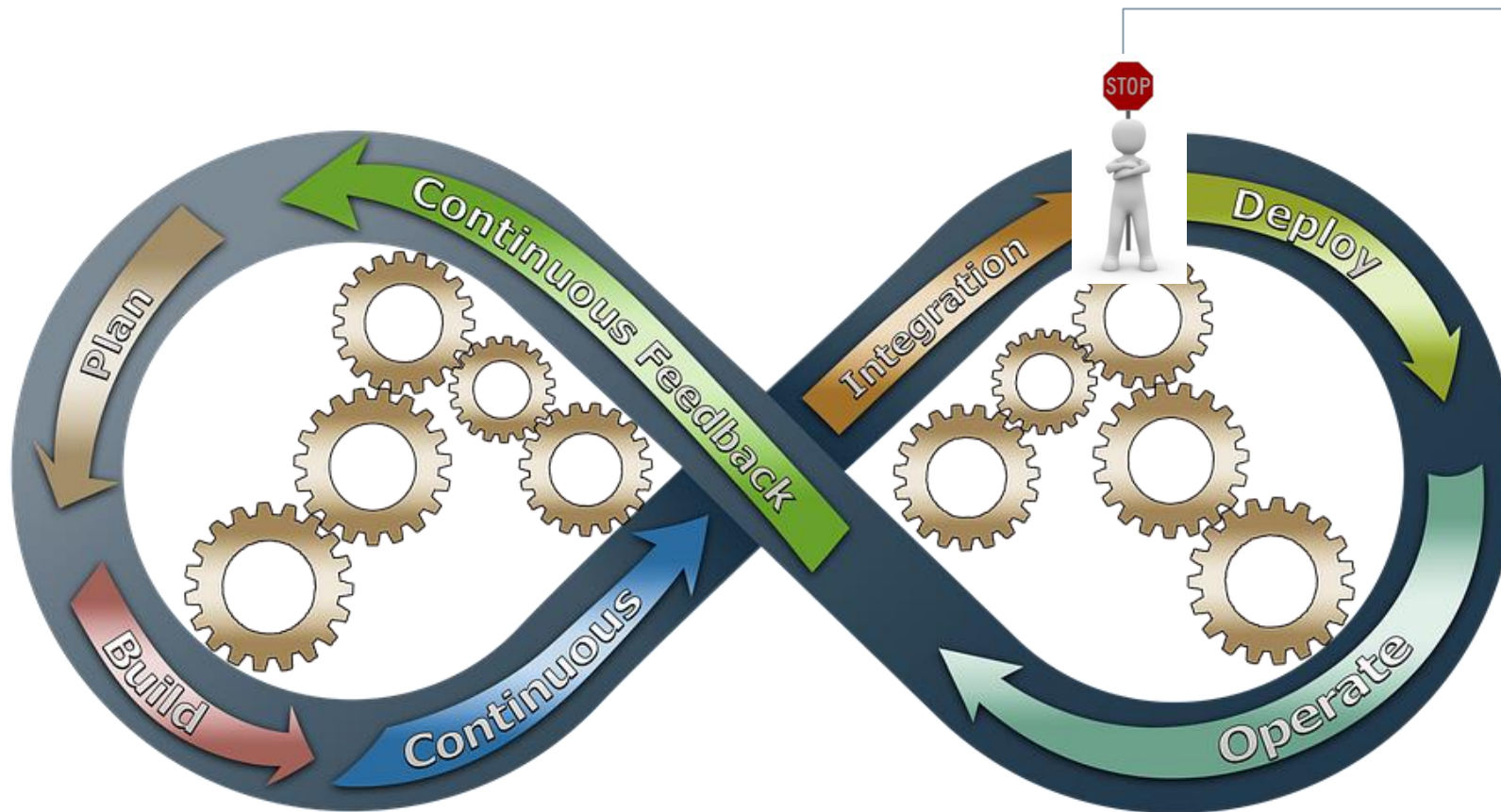
DevOps – automate everything to get an infinite release flow



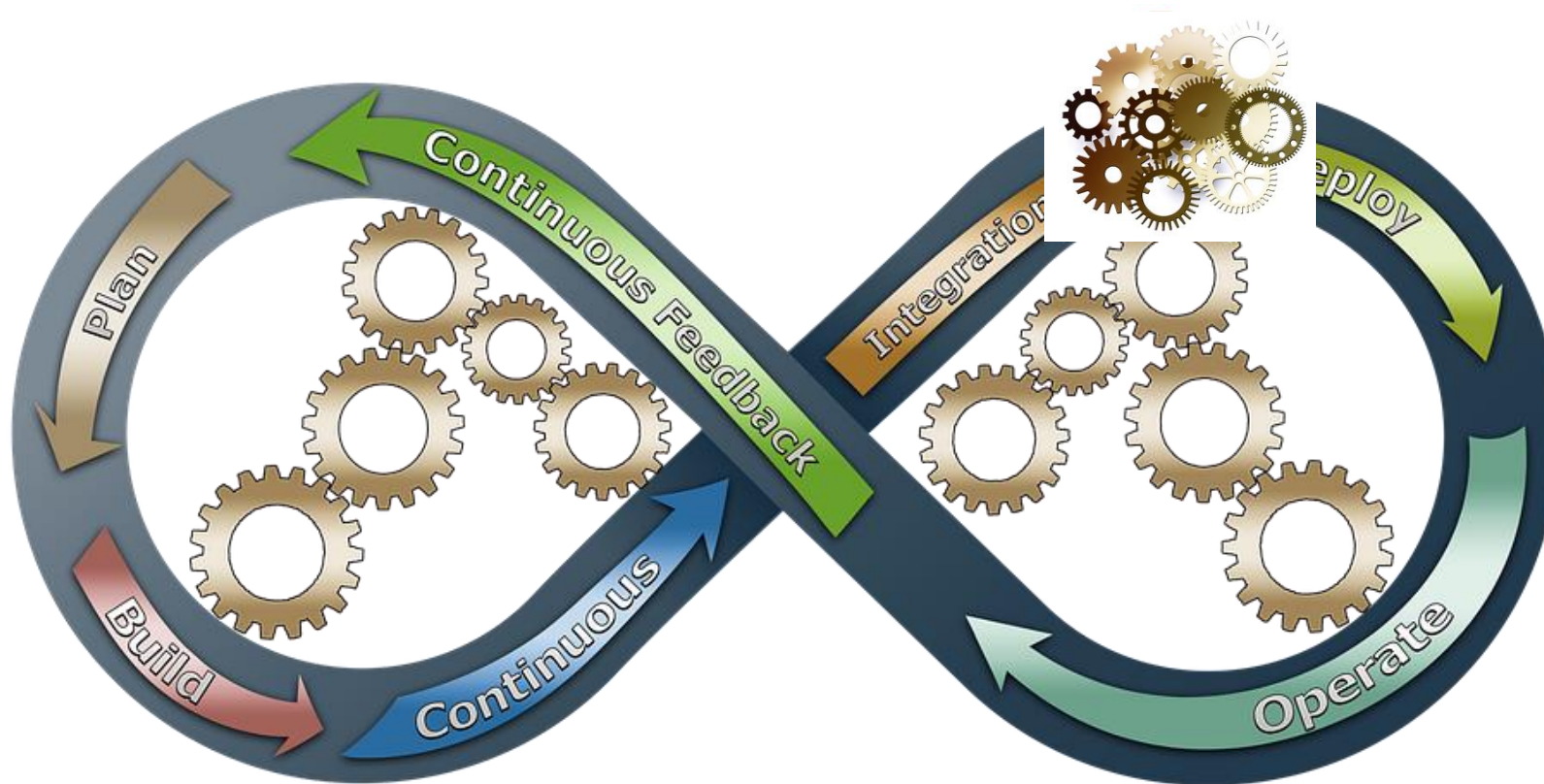
DevOps – automate everything to get an infinite release flow



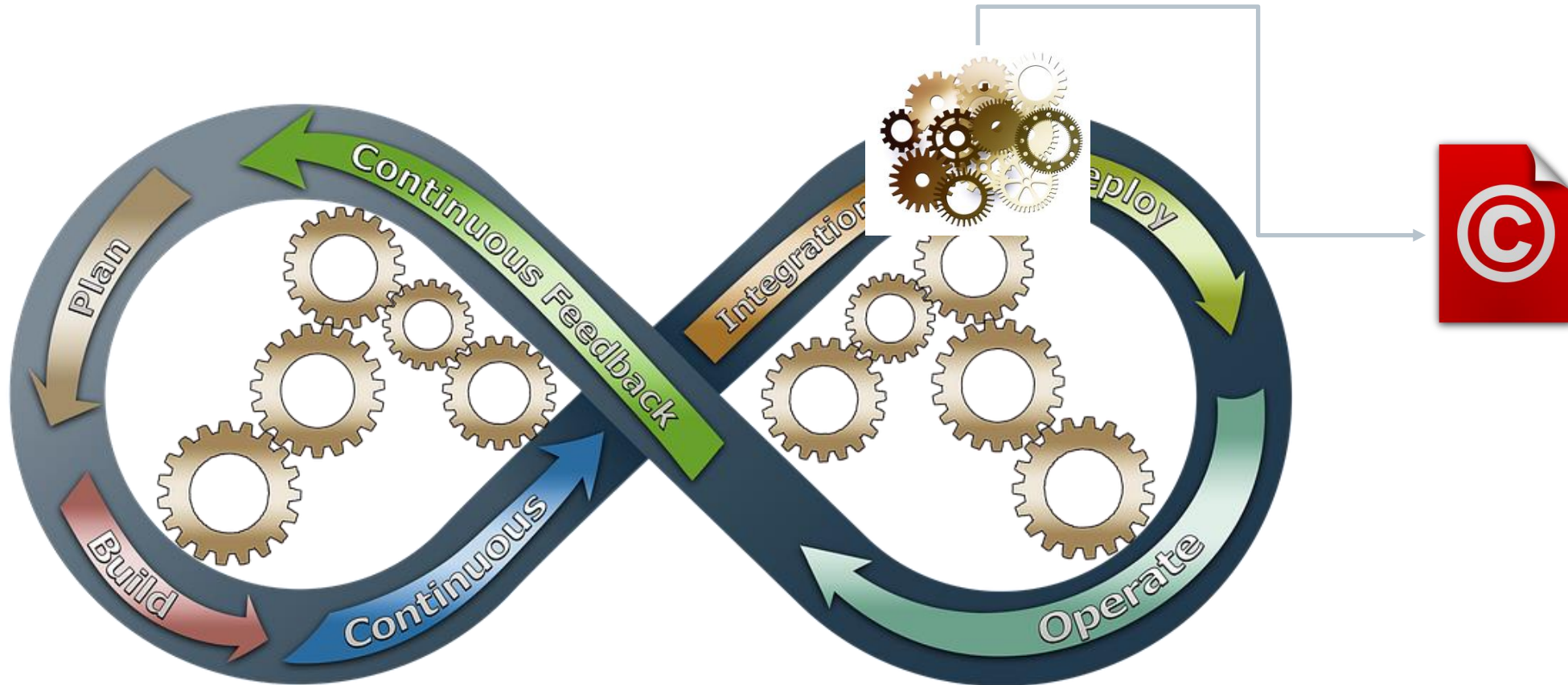
DevOps – automate everything to get an infinite release flow



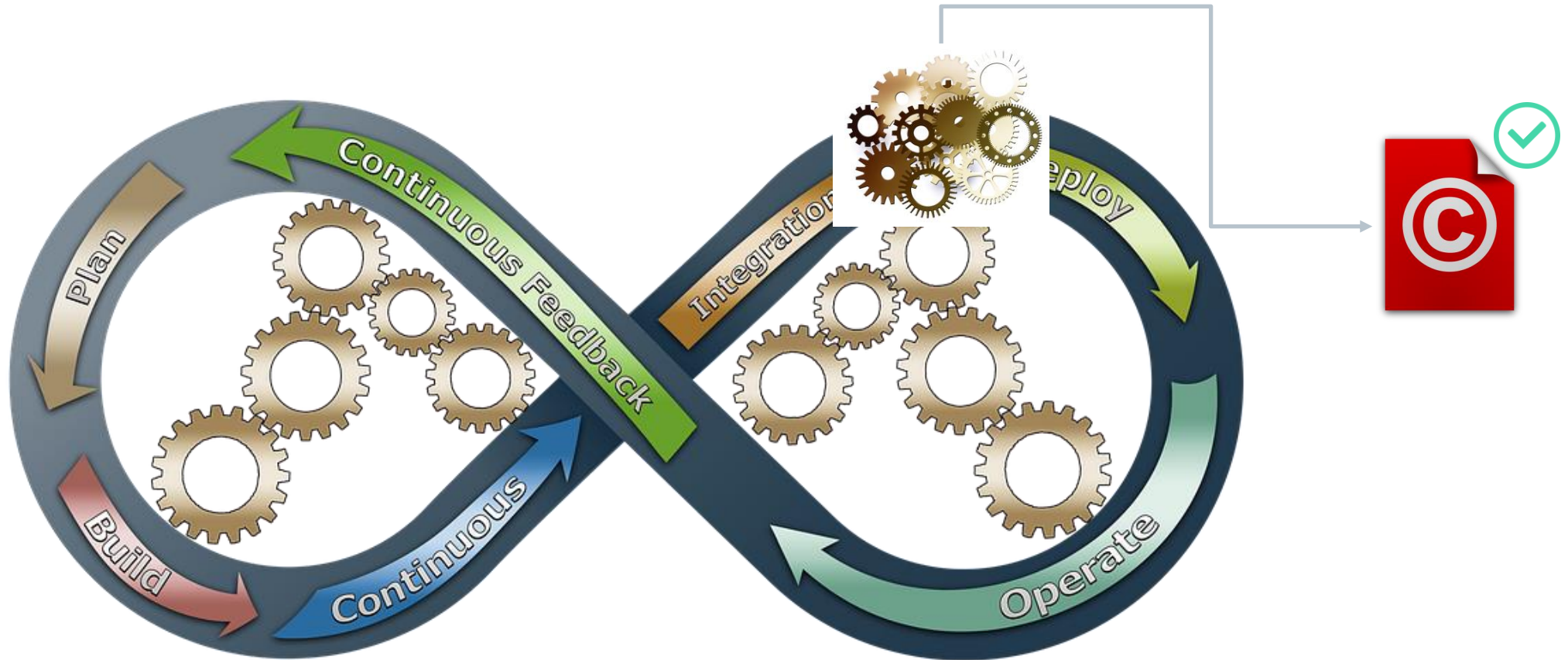
DevOps – automate everything to get an infinite release flow



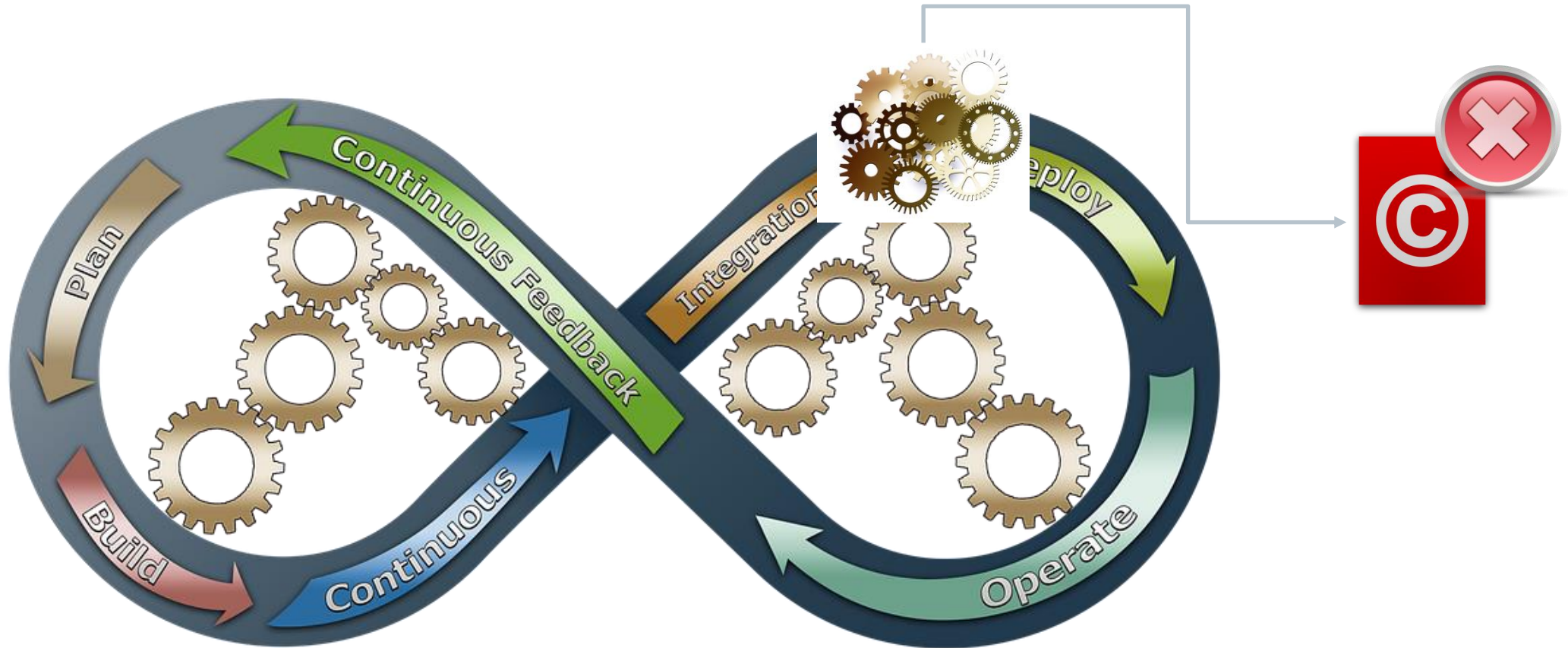
DevOps – automate everything to get an infinite release flow



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DevOps – automate everything to get an infinite release flow



Automation in license compliance will generate surprises



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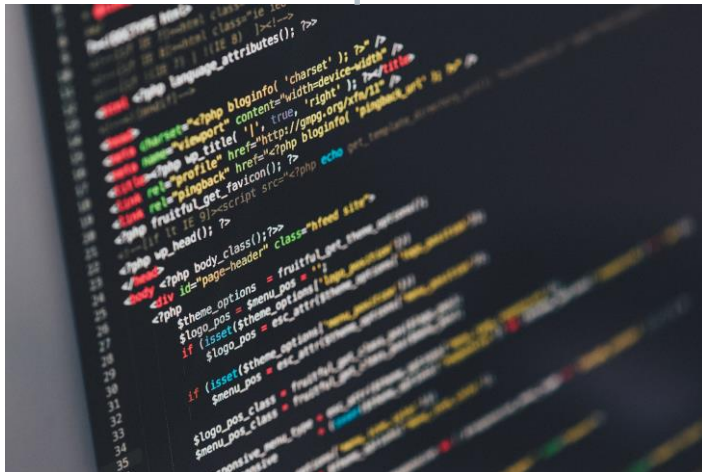
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Automation in license compliance will generate surprises



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Needs to be achieved in license compliance work

Minimize the need of license compliance efforts for inbound /outbound software

Produce license compliance artifacts that ensure license compliant “delivery” of outbound software



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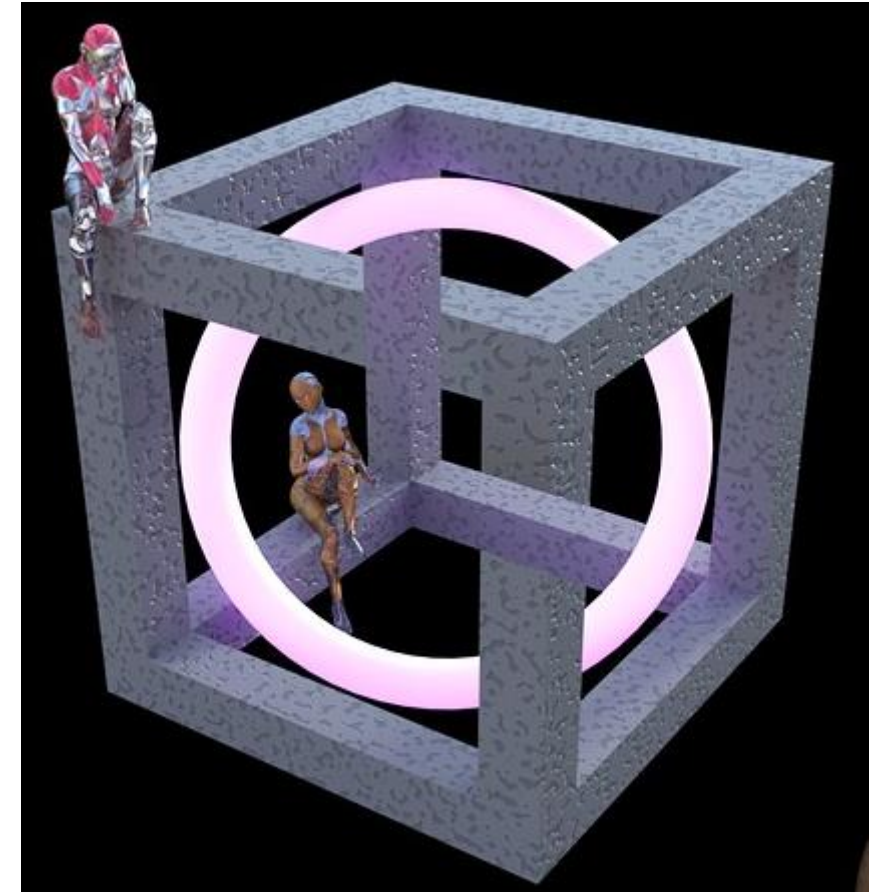
Apply OSS development principles in OSS license compliance artifacts

Transparency

Sharing

Collaboration

Improving



An approach to minimize license compliance efforts

1. Solve the issues upstream



An approach to minimize license compliance efforts

1. Solve the issues upstream
2. Build a publicly available repo of files with its compliance artifacts
 - Provide copyright statements
 - Licenses identified by scanner
 - Licenses concluded by a reviewer while reviewing the scanner findings
 - Explanation why scanner and reviewing person have a different opinion

Formats: SPDX, DEB5, ...

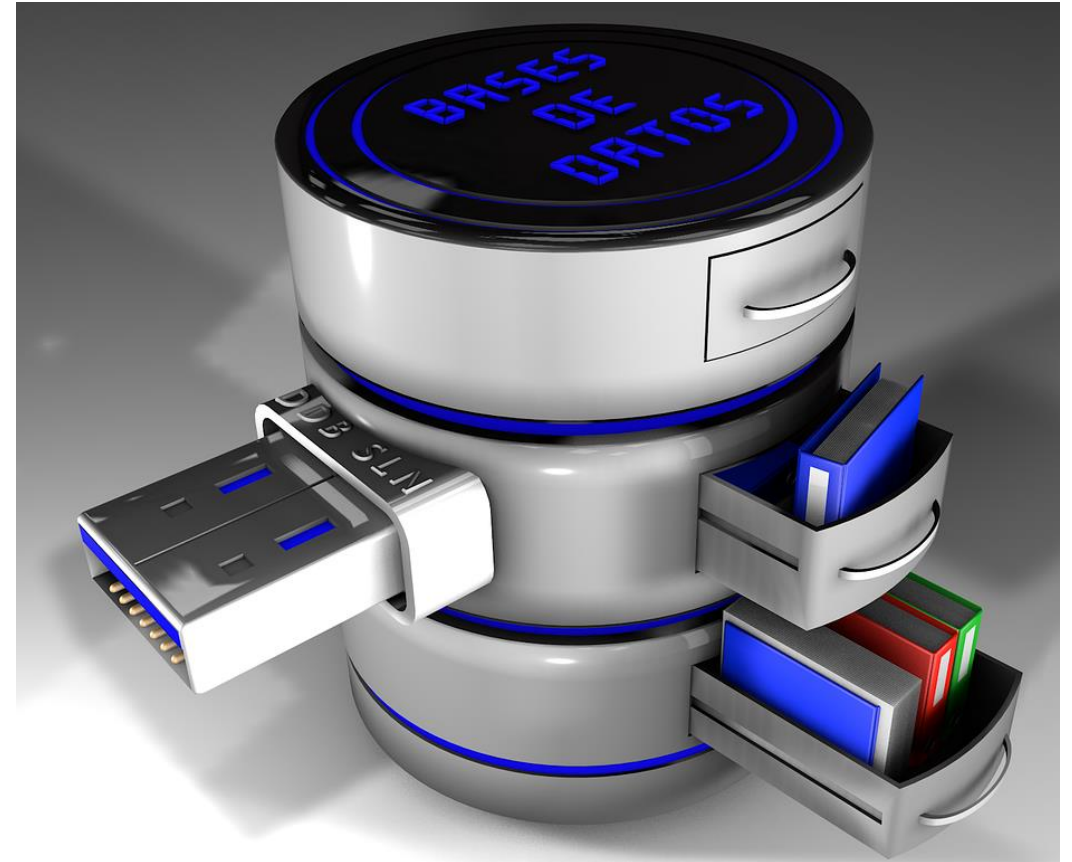
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Potential repo



Clearly**Defined**

Potential repo



Conclusion

In the long run **no** company will be able to implement a **cost efficient, fast and flexible** license compliance process, which does **not slow down** the pace of own software development projects and produces acceptable results



Conclusion

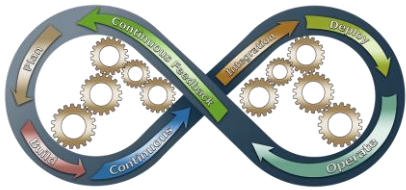
In the long run **no** company will be able to implement a **cost efficient, fast and flexible** license compliance process, which does **not slow down** the pace of own software development projects and produces acceptable results

If we want to exist in future we have to adopt the Free and Open Source development principles in our license compliance efforts



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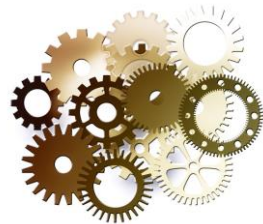
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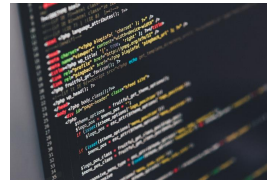
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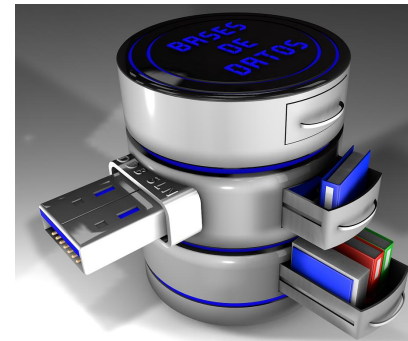
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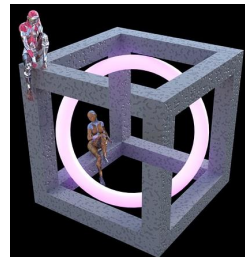
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