



OPENCHAIN

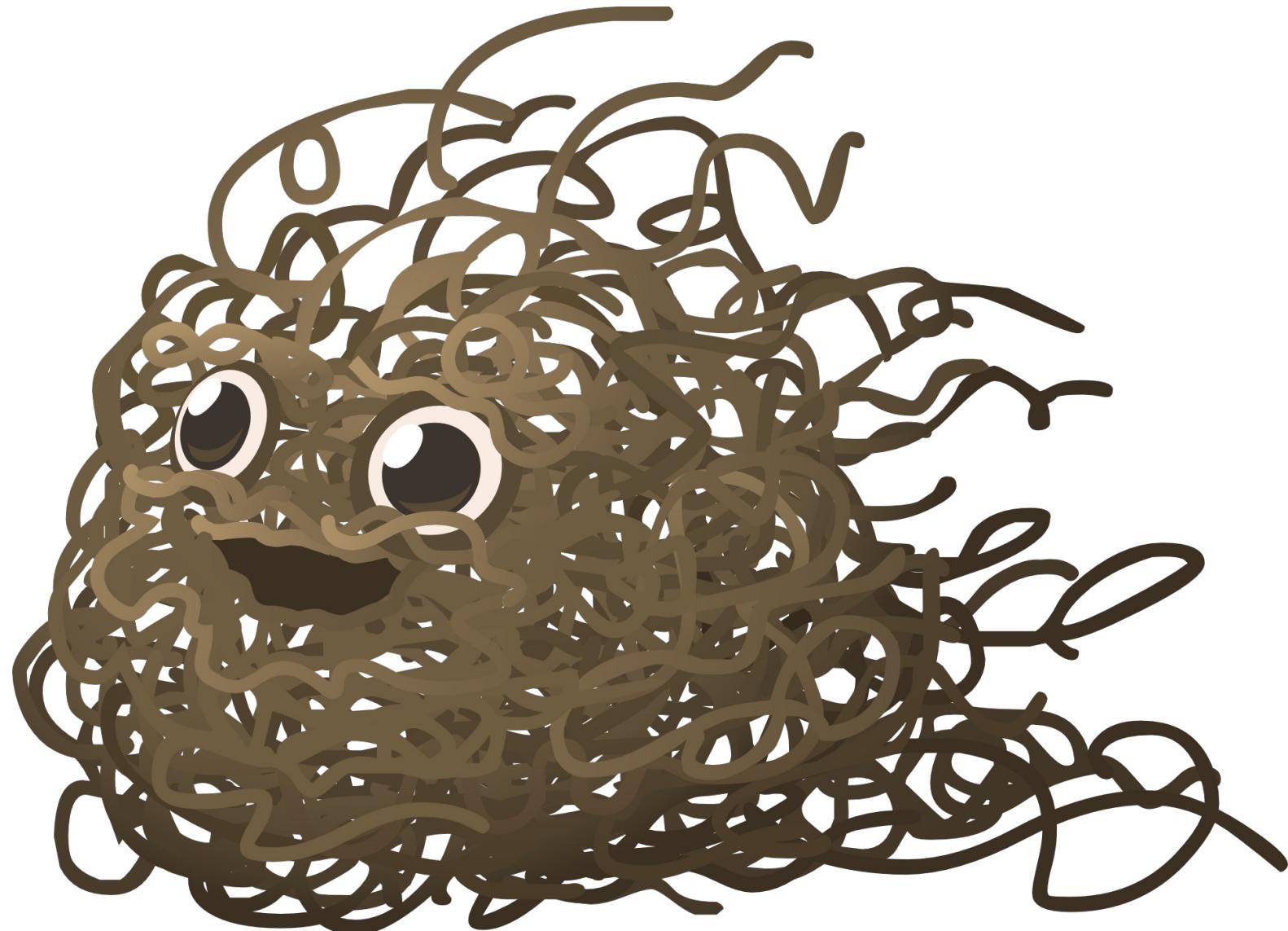
Building Trust In The Supply Chain Since 2016



Our Mental Model Of The Supply Chain



The Actual Supply Chain





OPENCHAIN

67.4%

of managers monitor their supply chain with Excel spreadsheets



OPENCHAIN

62%

of additional cost with supply chain disruptions



OPENCHAIN

94%

of companies do not have full visibility of their supply chain



This Is Weird



OPENCHAIN

57%

of companies see supply chain management as a competitive edge



OPENCHAIN

70%

of companies see supply chains as a driver for customer service



OPENCHAIN

40%

savings available for industrial suppliers via optimization



Conclusion: Talking != Doing



As Usual, Open Source Is Not Special



OPENCHAIN

> 90%

of codebases using open source



OPENCHAIN

81%

of codebases have security vulnerabilities

<https://www.synopsys.com/blogs/software-security/open-source-trends-ossra-report/>



OPENCHAIN

53%

of codebases contain license compliance issues



Don't Panic,
We Are Doing Something About It

“We” = Large Community Lead By:

arm



BMW
GROUP
BMW Car IT



CISCO

COMCAST

ERICSSON

FUJITSU

Google

HITACHI
Inspire the Next

HONOR

HUAWEI

Meta

Microsoft

MOXA®

NEC

OPPO

Panasonic

Qualcomm
Qualcomm
Technologies, Inc.

SIEMENS

SONY

TOSHIBA

TOYOTA

Uber



The Secret: Good Processes = Good Supply Chain



Know what you are doing

Know how you are doing it

Use records to make it repeatable

Have a plan to fix problems

Trust Built By Process Management

- OpenChain ISO/IEC 5230:2020 is the International Standard for open source license compliance. It is simple, effective and suitable for companies of all sizes in all markets. This standard is openly developed by a vibrant user community and freely available to all. It is supported by free online self-certification, extensive reference material and official service provider partners.
- The OpenChain Security Assurance Specification is the de facto standard for open source security compliance. It is simple, effective and suitable for companies of all sizes in all markets. This standard is openly developed by a vibrant user community and freely available to all. A growing ecosystem of material is forming to support it.

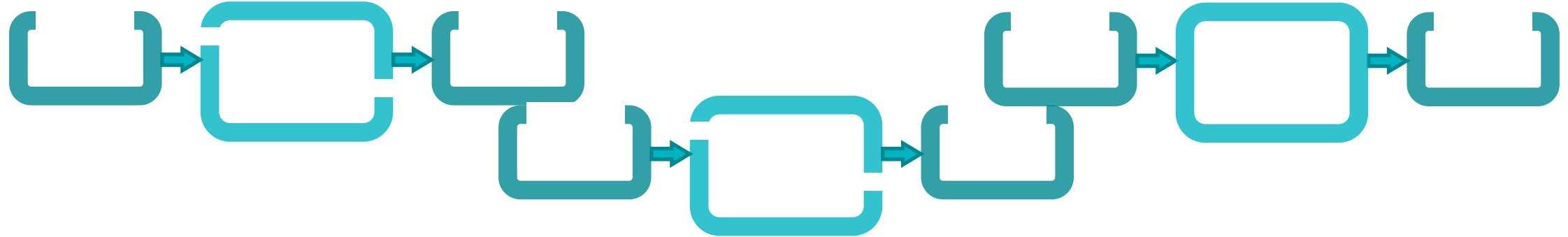


OPENCHAIN

Our Standards Work Company By Company



They Result In A More Predictable Supply Chain





Cognizant

Computermind

COONTEC

CP1

CSI
your digital partner

dotcal



> ENDOCODE



FINOVACE



GE Digital

Inspire the Next
Hitachi Vantara

平凯星辰



Western Digital



ZTE

Example Adoption Announcements Of OpenChain ISO/IEC 5230:2020 On The OpenChain Website



OPENCHAIN

20%

of German companies with over 2,000 employees
already use OpenChain ISO/IEC 5230

Recent Security Assurance Specification Adoption



 **BlackBerry**

 interneuron

We Provide Extensive Reference Material



The OpenChain Open Source Policy Template

The focus of this template is to help apply the key requirements for a quality open source compliance program. It provides sample policy text that helps organisations select, classify, incorporate and publish open source code with a focus on legal compliance of open source. Companies may need to consider other matters related to business requirements, engineering requirements and inter-project relationships when completing their own open source policy.

You can obtain these types of policy material from the TODO Group, a sister project to OpenChain at the Linux Foundation. Their reference and template material is here: <https://github.com/todogroup/policies>

How the OpenChain Open Source Policy Template works

All of the template policy text is contained in the spreadsheet tab named "The OpenChain_Open_Sources_Policy_Template".

Column B of the OpenChain Open Source Policy Template shows the specific section of numbering in the OpenChain ISO Standard (ISO/IEC 5230:2020).

Column C of the OpenChain Open Source Policy Template contains the text of the OpenChain ISO Standard.

Column D of the OpenChain Open Source Policy Template categorises the text in each row:

- H = heading
- RQ = requirement
- RT = rationale
- VM = verification material
- TX = supporting policy text

Columns E and F Contains the corresponding question number and question in the OpenChain ISO Standard.

Column G of the OpenChain Open Source Policy Template is sample policy text which addresses relevant Verification Artifact, although definitions are also adopted.

Column H Contains wording appropriate for a Foundation

Start_Here | Policy | 1 - Roles | 2 - Licenses | 3 - Code Acceptance

OPENCHAIN

Reference Automation Slides

Open Source Training for OpenChain 2.1 (ISO/IEC 5230:2020)

Released under CC0-1.0.
You may use, modify, and share these slides without restriction.
They also come with no warranty.

These slides follow US law. Different legal jurisdictions may have different legal requirements. This should be taken into account when using these slides as part of a compliance training program.

These slides do not contain legal advice

Спецификация OpenChain

OPENCHAIN 规范

ओपनचेन विनिर्देश

OPENCHAIN

Reference Training Slides

Open Source Training for OpenChain 2.1 (ISO/IEC 5230:2020)

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Including Free Self-Certification Material



The Self-Certification Checklist

Section 1: Program foundation

- We have a policy governing the open source license compliance of Supplied Software.
- We have a documented procedure to communicate the existence of the open source policy to all Software Staff.
- We have identified the roles and responsibilities that affect the performance and effectiveness of the Program.
- We have identified and documented the competencies required for each role.
- We have documented the assessed competence for each Program participant.
- We have documented the awareness of our Program participants on the following topics:
 - The open source policy and where to find it;
 - Relevant open source objectives;
 - Contributions expected to ensure the effectiveness of the Program;
 - The implications of failing to follow the Program requirements.
- We have a process for determining the scope of our Program.
- We have a written statement clearly defining the scope and limits of the Program.
- We have a documented procedure to review and document open source license obligations, restrictions and rights.

Section 2: Relevant tasks defined and supported

- We assigned individual(s) responsibility for receiving external open source compliance inquiries.
- The external open source compliance contact is publicly identified (e.g. via an email address or the Linux Foundation Open Compliance Directory).



We Make Free Online Training Courses



**Introduction to Open
Source License
Compliance
Management (LFC193)**

**Implementing Open
Source License
Compliance
Management (LFC194)**

1. LFC193 - 1209 total enrollments (398 digital badges issued)
4.65 out of 5 rating by users
2. LFC194 - 579 total enrollments (138 digital badges issued)
4.55 out of 5 rating by users



Example Of Market Use



Introduction to Open Source License Compliance Management (LFC193)

Continental made LFC193 a required course for their software developers from late Q3



Introduction to Open Source License Compliance Management (LFC193)

KPMG AG asks their developers and architects to complete LFC193



Introduction to Open Source License Compliance Management (LFC193)

Bosch has asked suppliers and requires external developers to use LFC193 since Q4 2021

There Are Over 1,000 Documents In Our Library



Screenshot of the GitHub repository for the OpenChain Project's Reference Material. The repository is public and contains over 1,000 documents. Key details from the screenshot:

- Code:** master branch, 4 branches, 0 tags.
- Contributor:** shanecoughlan (Update faq.md)
- Commits:** 261 commits, 2 weeks ago.
- Issues:** 9 open issues.
- Pull requests:** 3 open pull requests.
- Discussions:** 0 discussions.
- Actions:** 0 actions.
- Projects:** 0 projects.
- Wiki:** 0 wiki pages.
- Security:** 0 vulnerabilities.
- Insights:** 0 insights.

About: This repository contains the reference material related to the OpenChain Project.

- Readme
- CC0-1.0 license
- 40 stars
- 14 watching
- 32 forks

Releases: No releases published. Create a new release.

Packages: No packages published. Publish your first package.

Contributors: 18 contributors (including shanecoughlan, johndoe, etc.)

Recent Activity: Updated policy template and supplier leaflet (Sales-Procurement/Leaflet/...), 2 years ago.



We Put The User Company Community First



Everywhere And Always!



Work Groups And Special Interest Groups



Main Official:

- Specification Work Group (Spring 2016~)
- Education Work Group (Autumn 2020~)

Community Created:

- Tooling Work Group (Summer 2019~)
- Export Control Work Group (Winter 2022~)
- Public Policy Work Group (Winter 2022~)

Specific Industry Focus:

- Automotive Special Interest Group (Summer 2019~)
- Telecom Special Interest Group p (Spring 2021~)





Regional User Groups

- OpenChain in Japan (Dec 2017~)
- OpenChain in Korea (Jan 2019~)
- OpenChain in India (Sept 2019~)
- OpenChain in China (Sept 2019~)
- OpenChain in Taiwan (Sept 2019~)
- OpenChain in Germany (Jan 2020~)
- OpenChain in the UK (June 2020~)
- OpenChain in the USA (Dec 2020~)

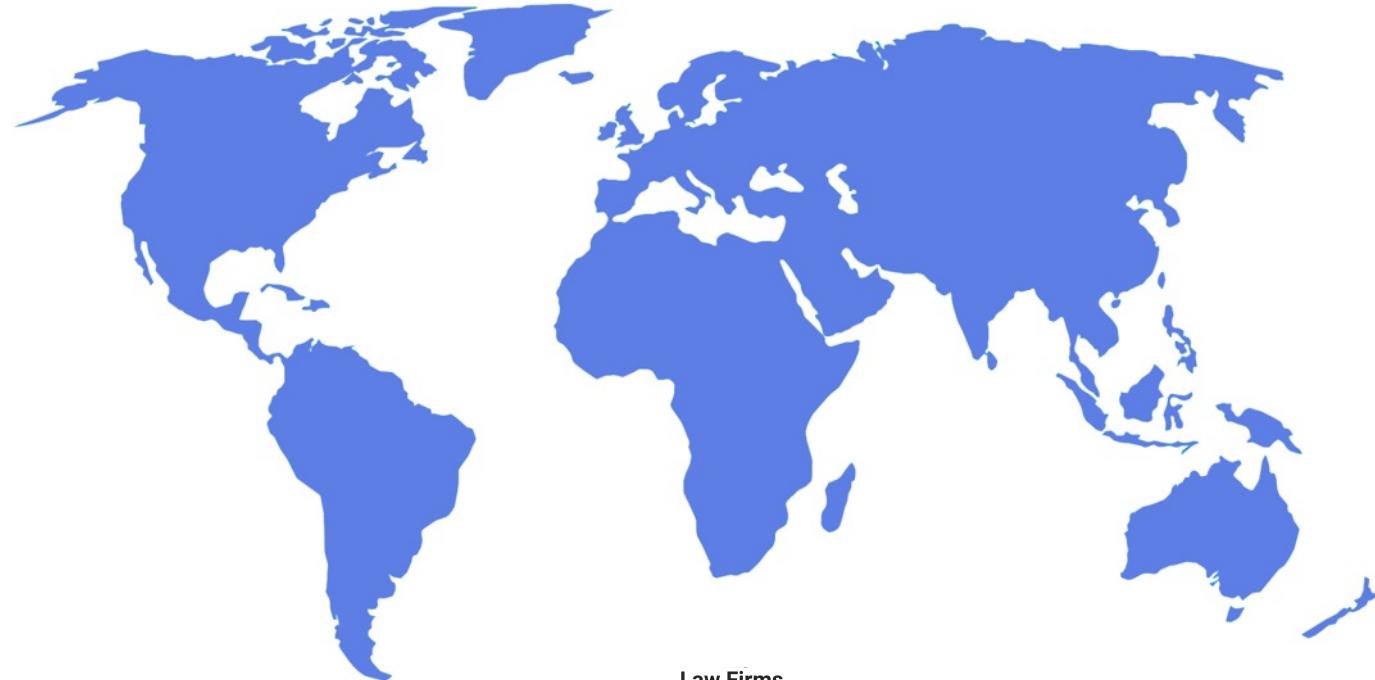


Official Partner Program

Service Providers



Vendors



Law Firms



10 Third-Party Certifiers Providing Global Coverage



Freedom Of Choice In Adopting Our Standards



1. Self-Certification
2. Independent Compliance Assessment
3. Third-Party Certification





OPENCHAIN

OpenChain is run by user
companies for user companies



OPENCHAIN

We Make The Open Source
Supply Chain More Efficient

Be Part Of This



<https://www.openchainproject.org/participate>