



# OPENCHAIN

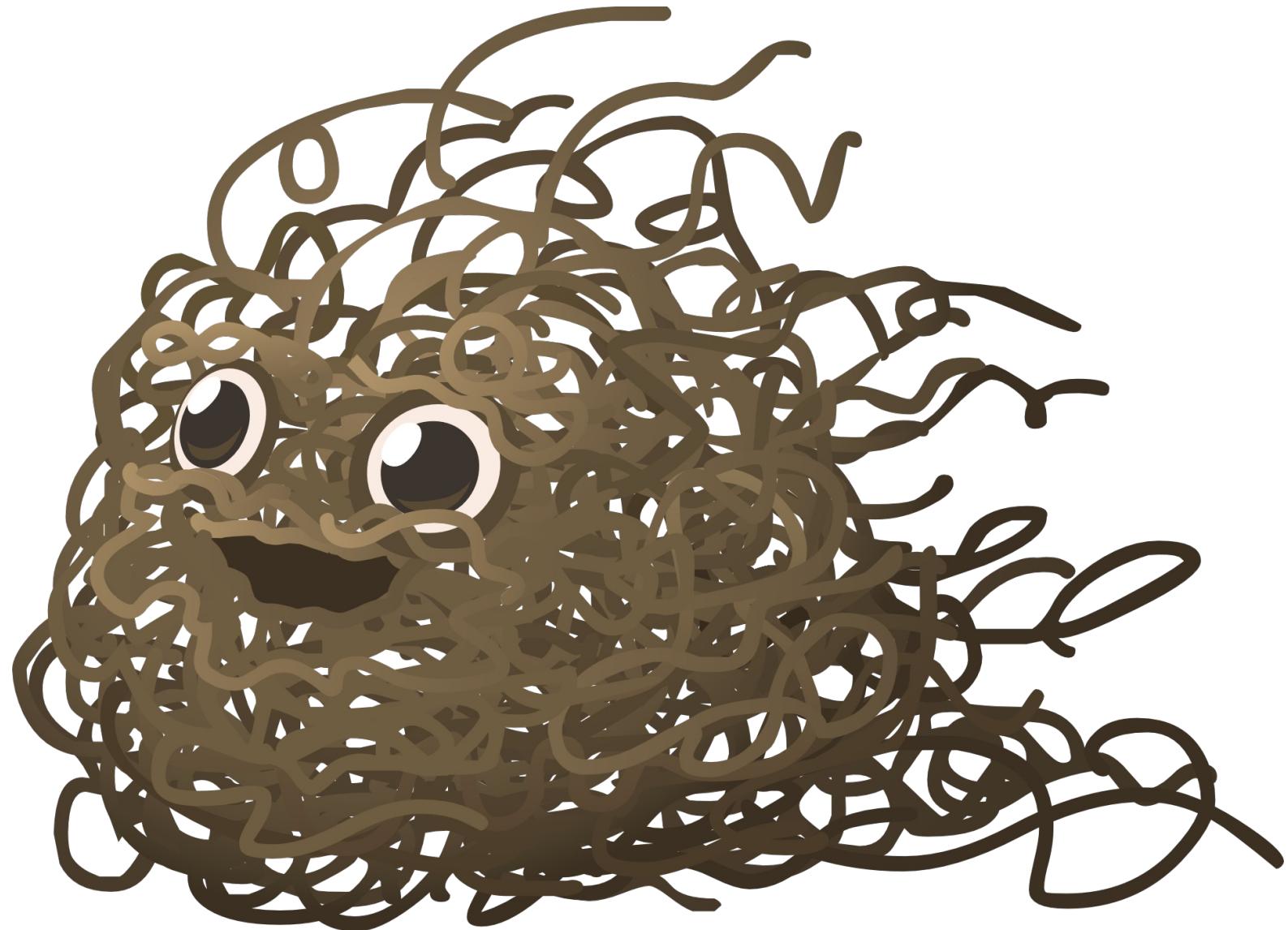
Building Trust In The Supply Chain Since 2016



# 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



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# 57%

of companies see supply chain management as a competitive edge



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# 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

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



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

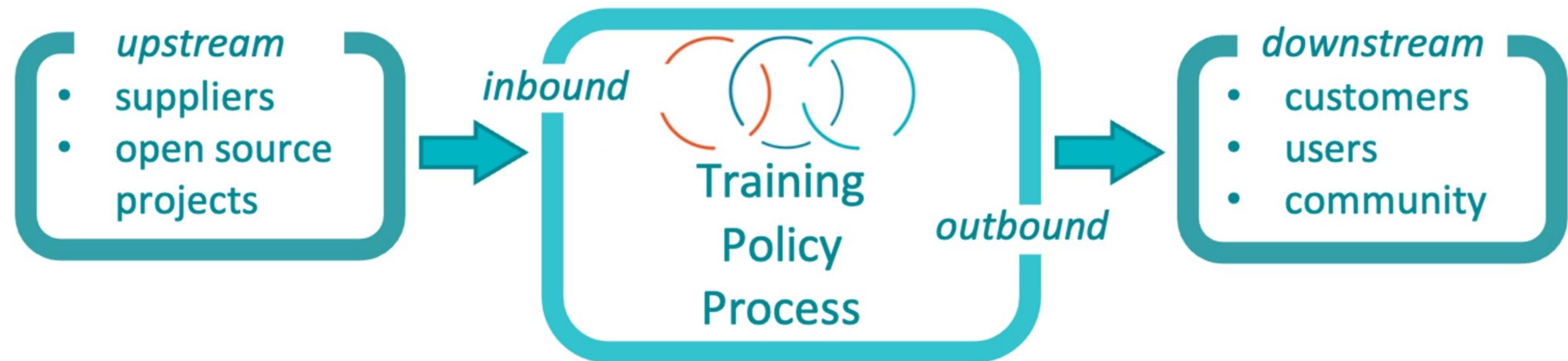
# Trust Built By Process Management

- 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.

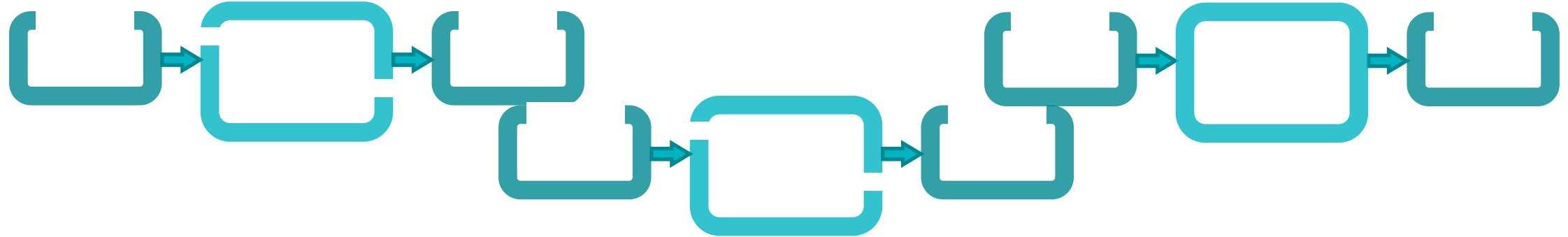


OPENCHAIN

# Our Standards Work Company By Company



# They Result In A More Predictable Supply Chain





Cognizant

Computermind

COONTEC

CP1

CSI  
your digital partner

dotcal



&gt; ENDOCODE

ETRI

FINOVACE



GE Digital



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

A screenshot of the OpenChain Open Source Policy Template page. It features the OpenChain logo at the top left. Below it is a section titled "The OpenChain Open Source Policy Template" with a detailed description of its purpose and usage. A large green button labeled "Start Here" is prominently displayed. The page also includes sections for "How the OpenChain Open Source Policy Template works", "Column A", "Column B", "Column C", "Column D", "Column E", "Column F", "Column G", and "Column H".

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-organisation / 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 Artefact, although definitions are also adopted.  
Column H Contains wording appropriate for a Foundation

[Start Here](#) Policy 1 - Roles 2 - Licenses 3 - Code Acceptance

A screenshot of the Reference Automation Slides page. It features the OpenChain logo at the top left. Below it is a section titled "Reference Automation Slides" in a large, bold, orange font. A green button labeled "Start Here" is present. The page also includes a section for "Open Source Training for OpenChain 2.1 (ISO/IEC 5230:2020)".

Open Source Training for OpenChain 2.1 (ISO/IEC 5230:2020)  
Released under CC0-1.0.  
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These slides do not contain legal advice

## Спецификация OpenChain

OPENCHAIN 规范

ओपनचेन विनिर्देश

A screenshot of the Reference Training Slides page. It features the OpenChain logo at the top left. Below it is a section titled "Reference Training Slides" in a large, bold, orange font. A green button labeled "Start Here" is present. The page also includes a section for "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

## Example Of Market Use



**BOSCH** ❤

**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 "OpenChain-Project / Reference-Material".

Repository statistics:

- Code: master branch, 4 branches, 0 tags
- Issues: 9
- Pull requests: 3
- Discussions: 0
- Actions: 0
- Projects: 0
- Wiki: 0
- Security: 0
- Insights: 0
- Fork: 32
- Starred: 40

File list:

- shane.coughlan Update faq.md ... 7932534 2 weeks ago 261 commits
- .github/ISSUE\_TEMPLATE Create agenda\_minutes.md 3 months ago
- Anti-Trust-Policy Create anti-trust-policy.md 3 months ago
- Archive-of-Outdated-Material Archived old conformance checklist - replaced by new S... 3 months ago
- Case-Studies updated templates 2 years ago
- Checklists/Official Archived old conformance checklist - replaced by new S... 3 months ago
- FAQ Update faq.md 2 weeks ago
- Flowcharts/Official/2.0 improved the flowcharts 2 years ago
- Guides Create OpenChain For Managers - Version 2.0.md 3 weeks ago
- Kanban-Workflows/Commu... updated kanban to draft 2.1 2 years ago
- Meeting-and-Presentation-... Create OpenChain-Monthly-Meeting-Template-2023-Ve... 3 months ago
- Official-Documentation-Te... Added new template for handouts 2 years ago
- Open-Source-Policy Merge branch 'master' of https://github.com/OpenChain... 10 months ago
- OpenChain-ISO-5230-Sup... adjusted file names to ensure things are consistent last year
- Path-to-Conformance/Offici... Create path-to-conformance-version-1.md 3 months ago
- PlayBooks/Official/Version-1 Create OpenChain PlayBook - Medium Company.md 3 months ago
- Sales-Procurement/Leaflet... Updated policy template and supplier leaflet 2 years ago

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

Packages:

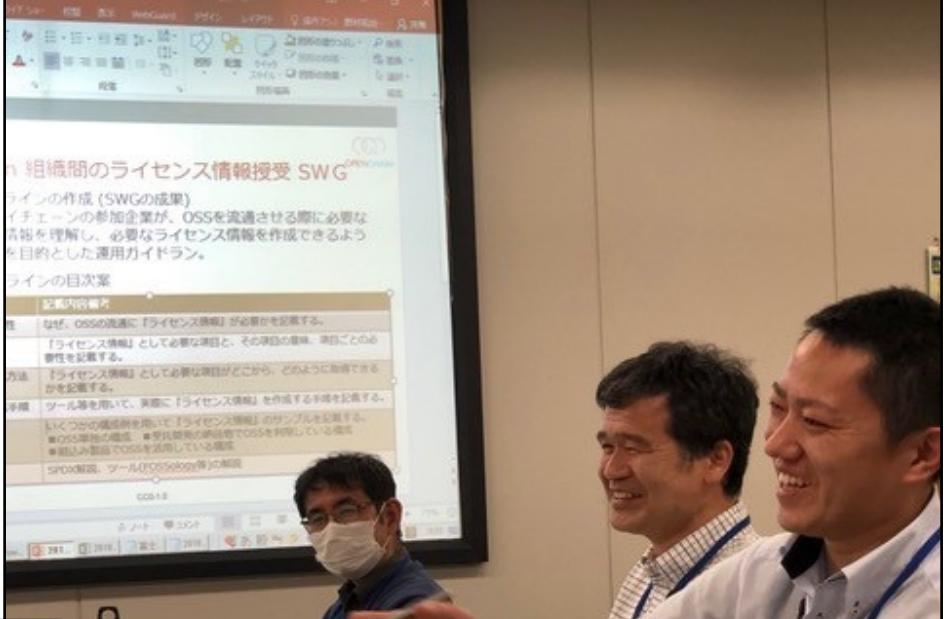
No packages published

Contributors:

+ 7 contributors



# 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~)





OPENCHAIN

# 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~)

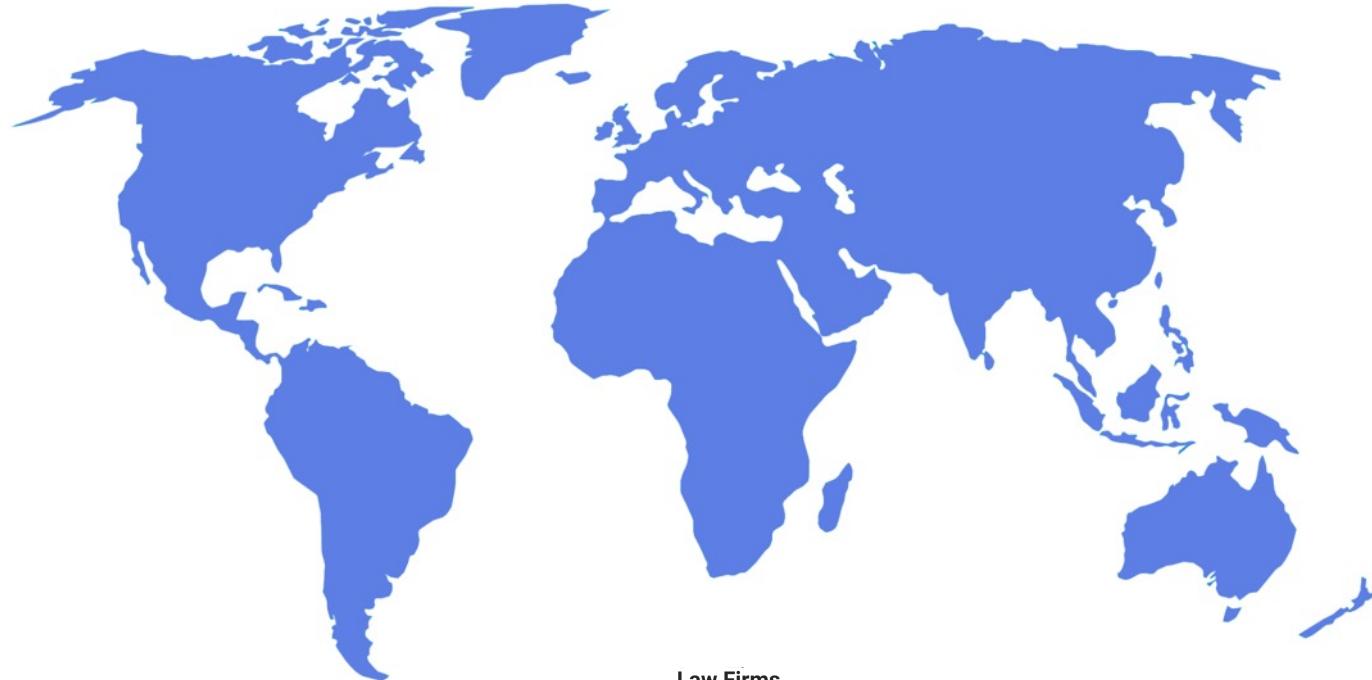


# Official Partner Program

## 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>