

SW360 Vision and Mission

Let's take it up a notch



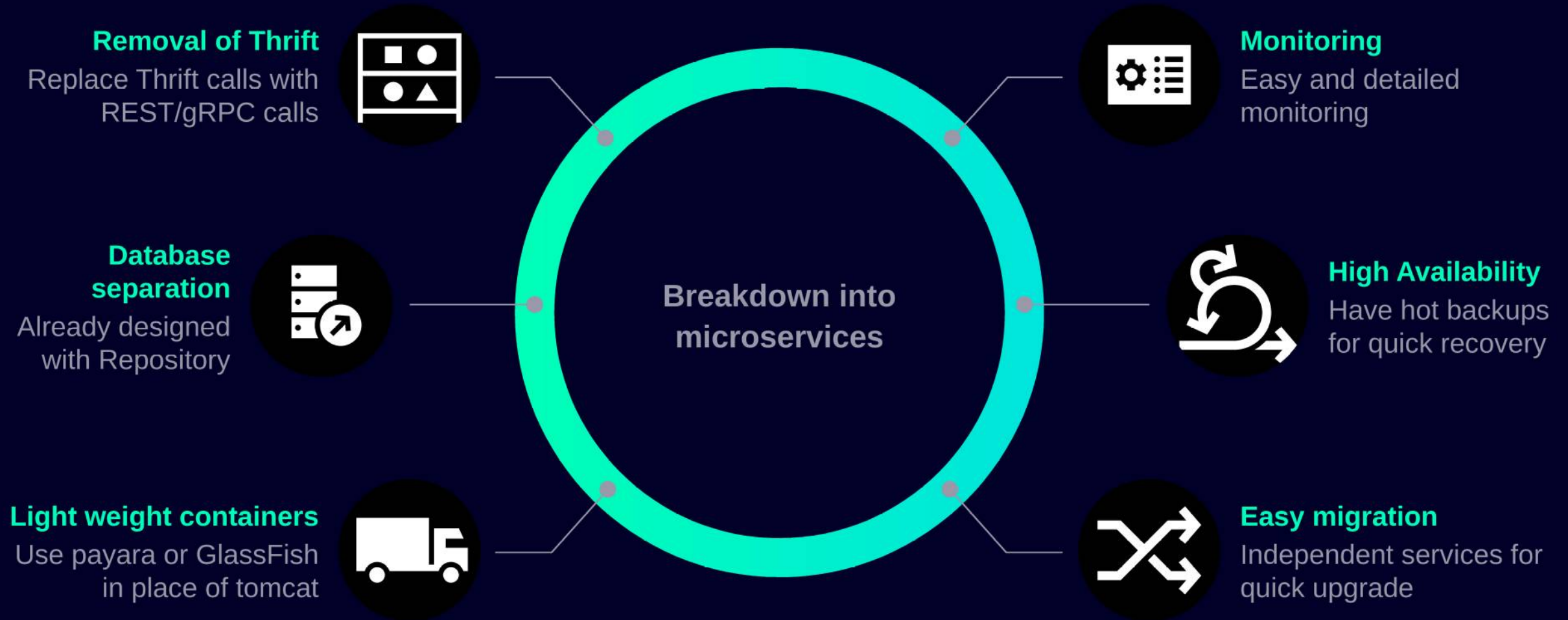
Idea list

1 Microservices

2 UI/UX ideas

3 Platform idea

Microservices



UI/UX ideas

Workflow creation

- Enhance Clearing Request workflow
- Allow creations of task list
- Introduce UI notifications if task is updated

Chatbot for users

- Use LLM + RAG on user doc for a chatbot creation
- Explore MCP agent ideas for task creation

UI Testcases

- Improve upon test-cases for UI
- Explore playwright.dev

Accelerated clearing



Clearing Platform

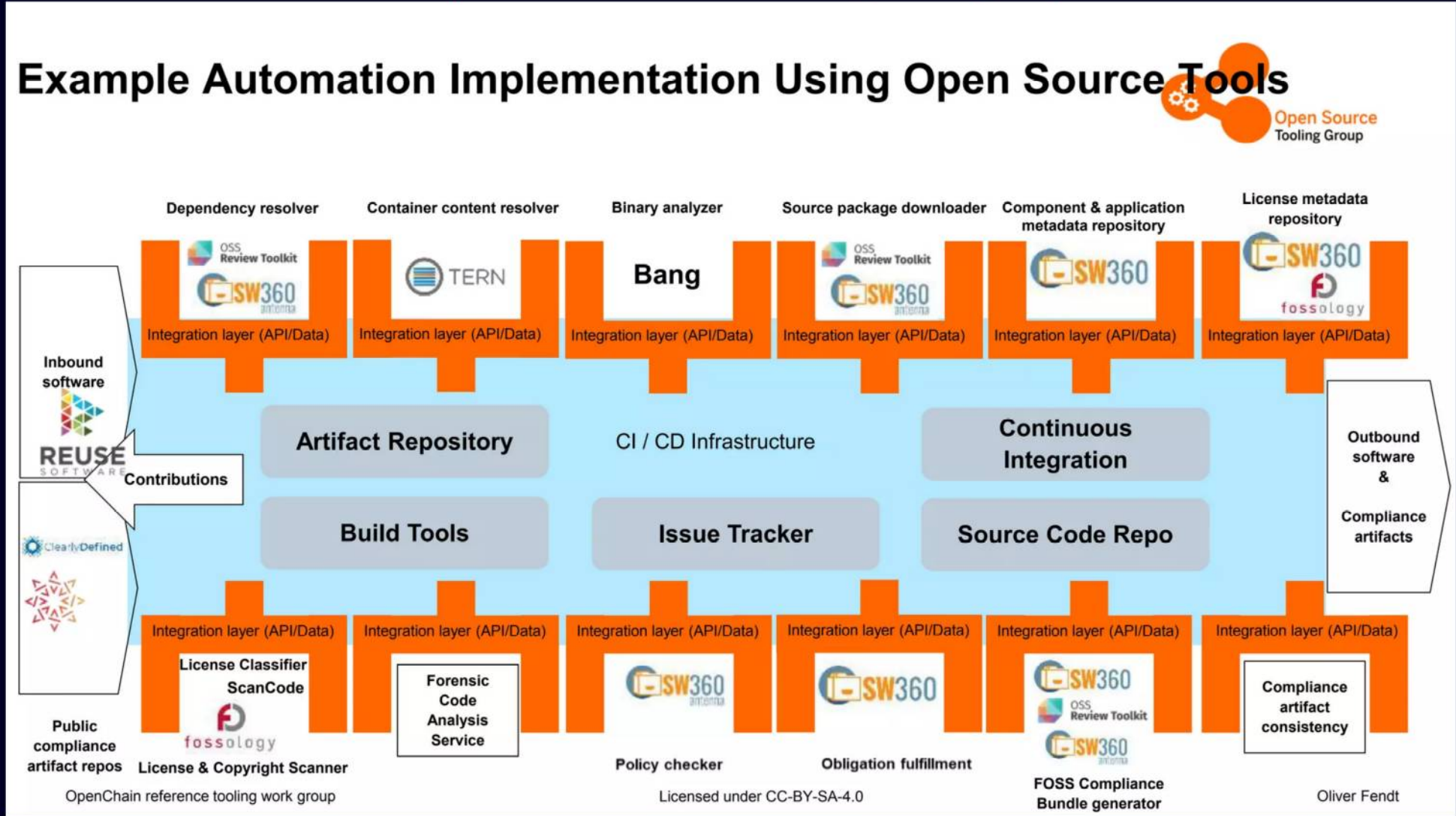
Bring better visibility to your SCA



Idea Seed

Tooling landscape from OpenChain Tooling Work Group

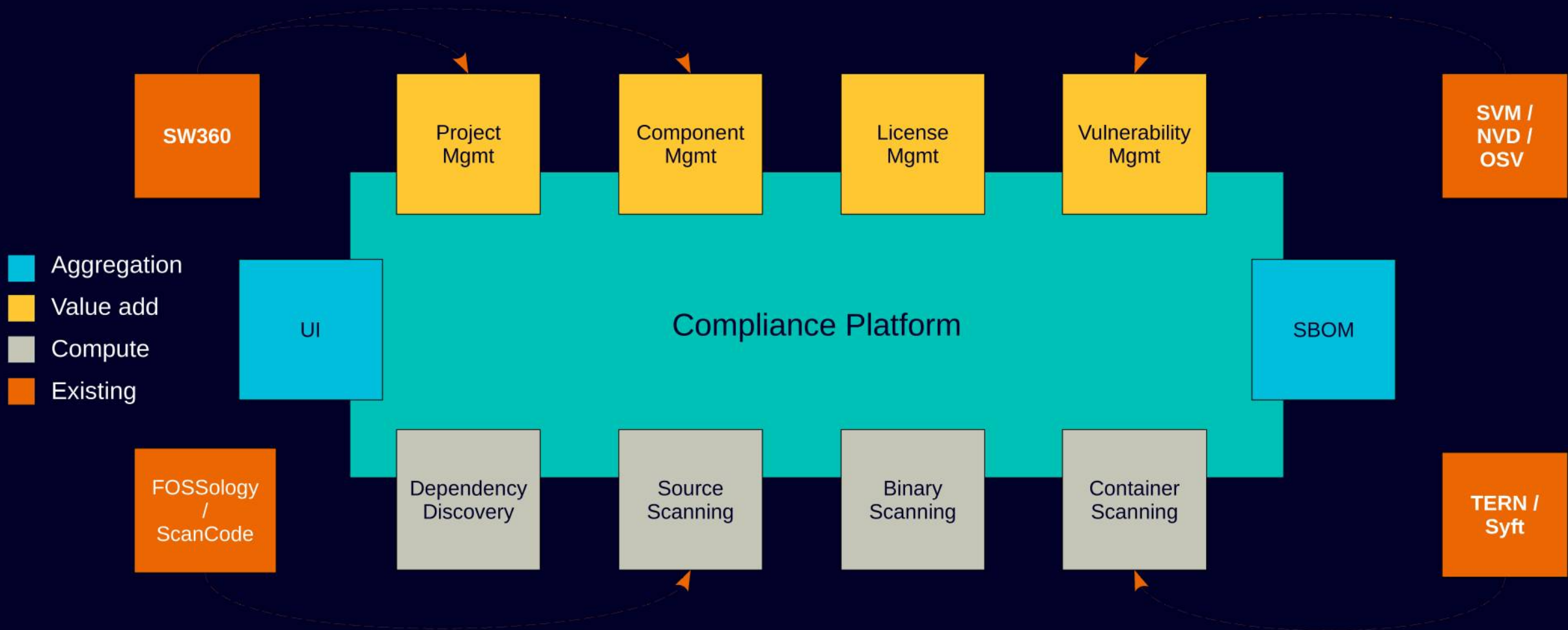
<https://www.slideshare.net/slideshow/openchain-reference-tooling-work-group-in-2020/230317118>



Platform for SCA

Alternative solution

Clearing Platform Overview



Value Addition with Clearing Platform

Benefits of the platform

What business value it brings

Open Interfaces

- Use open standards like SPDX 3.0 for schema (tool agnostic).
- Industry standard for information exchange.
- Reduces coupling if all services talk same language.

Bring your own tool

- Provide Plug and Play interfaces for tools (easy to onboard).
- No learning curve with new toolchain to adopt platform.
- Easy to customize workflows per company.
- Note: With help of simple wrappers, any tool can be integrated.

Central data store

- Provide single pane view for all compliance related data.
- Better overview of related process.
- Easy to do perform analysis.

Open space for more

Automation Capabilities

- Creates opportunity for more automation.
- Being central location, can support automation at multiple stages like vulnerabilities, licenses, etc.
- More to add here.

Cost Saving

- Single platform, eliminating need for dedicated infrastructures.
- Better usage tracking and metering.
- SaaS offering, ability to select services to use.
- Leverage scalability of Cloud solutions.

Improved Decision Making

- Single pane view of all Open Source Components.
- Improved data visibility.
- More data points to make informative decisions.
- More to add here.

Interface design

Designing interfaces between services and platform

The interfaces provided by platform for services should be robust and follow Open Standards. They should allow PnP functionality and allow any tool for easy on-boarding. Further research is required in designing the interfaces.

- PnP functionality
- Open Standards
- Easy On-boarding

Interfaces should allow the ecosystem to grow organically without extensive changes from platform.

Bootstrap **Services**

Subhead, Arial Regular, 16 pt

Services to kickstart adoption

Core Services

- Platform should provide some core services:
 - Authentication & Authorization
 - Auditing
 - Metrics & Tracing
 - Infrastructure to run services
 - Batch processing
 - Metering

Reuse services

- Provide services to play with by reusing services from existing tools:
- SW360
 - Component management
 - Project management
- FOSSology
 - License Scanners
 - Other Scanners
- Syft
 - Container Scanning
- SVM
 - Vulnerability Information

Contact

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