

# Global ICT Using FOSSIDs Market Leading Code Scanner in Continuous Integration Process

Case study of how a leading Information and Communication Technology (ICT) provider, offering equipment, services, and full turnkey communications infrastructure solutions to a global market, uses FOSSID's technology.

## In Need of an Easy to Integrate Code Scanner

With large code bases of proprietary and open source software, and a need to satisfy stringent regulations and standards requirements, the customer must be in complete control of its software to protect intellectual property of own and 3rd party components, and have transparent insight into the free and open source software used so that compliance with various licenses is ensured.

In order to achieve this, the customer has implemented its own process according to a multi-vendor philosophy, to address the shortcomings of existing suppliers:

- integration difficulties and failure to adapt to the customer's needs
- slow scanning speeds,
- limitations in the amount of referenced open source projects in the knowledge databases.

## Superior Performance and Superior Data Coverage

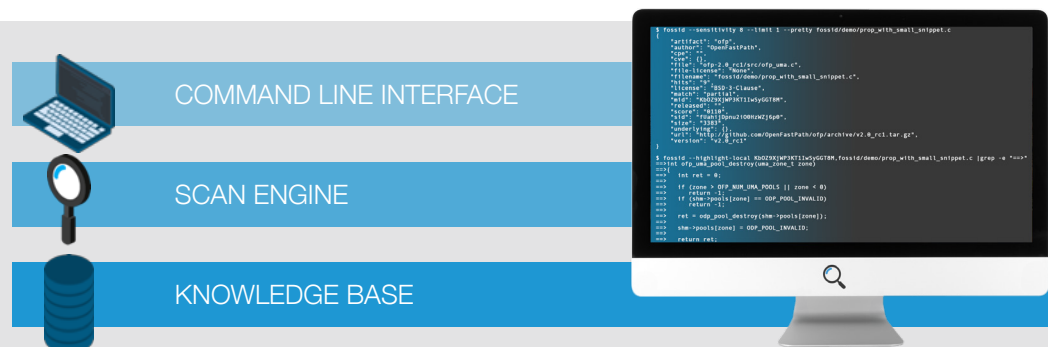
From the get go, FOSSID has been purpose-built to offer a new, modern alternative to existing code scanning solutions. While approaching free and open source software from a lawyer perspective, limiting the risk of costly legal pursuits to follow from its adoption, FOSSID has added the engineering perspective. Free and open source is widely accepted as an enabling force for growth and speed of innovation, and FOSSIDs mission is to make it easier to use and evolve from.

The principle of basing the solution on state-of-the-art modern technologies, has led to commercial product and service offerings based on FOSSID's knowledge base and highly sophisticated scan engine.

- The knowledge base is the market's largest, with an equivalent of 2 petabytes of machine harvested code, containing data from more than 60 million open source projects, 9 billion source files 623 billion snippets and more than 100 thousand security vulnerabilities.
- The scan engine offers never before seen performance and scans more than 70 files per second, and allows scans of full software components, files, but also code snippets. The engine also includes an artificial intelligence (AI) component that eliminates false positives and reduces human interactions.



The customer easily integrated the FOSSID Command Line Interface (CLI) for its code scanning activities. The CLI is lightweight and portable and talks directly to the FOSSID knowledge base. It is agnostic to programming languages, build systems and version control systems and facilitates seamless integration into the customer's continuous integration systems and existing tools infrastructure and processes. It provides return results in standards based formats (JSON) for easy report creation without having to be confined to proprietary formats.



### Addressing Real Pains with Purpose-Built Technology

The customer quickly came to realize that FOSSID's solution offered better integration capabilities and ease of use, faster scans from a larger knowledge base, and ultimately contributing to better cost effectiveness.

#### Benefits

- **Cover all known open source software projects.** FOSSID's automated database harvesting process offers 20x more indexed projects compared to competing solutions.
- **Faster and more accurate audits.** FOSSID finds modified and copy-pasted code, and helps eliminate false positives.
- **Future-proof technology.** FOSSID's scan engine is 100x faster than other vendors, giving full transparency and control of open source software components in the code base.
- **Customize to any process or toolchain.** FOSSID brings excellent integration capabilities with full bare metal scanning via CLI.

FOSSID offers a state-of-the-art open source scanner that integrates in your development process seamlessly and detects pieces of Free and Open Source Software (FOSS) in your code base, from entire components to code snippets. FOSSID's software uncovers license obligations and compliance issues so that you can focus on creating great products.

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