# AutoCrypt Security Analyzer

Automated SBOM generation and OSS vulnerability analysis

AUTOCRYPT provides a composition analysis and vulnerability management platform for automotive software, implementable at all stages of the software development lifecycle.

Modern vehicles are software-defined, each containing an average of 100 million lines of code, developed by a diverse range of software providers and vendors. Given that large parts of embedded automotive software contain open-source code, an open-source software (OSS) composition analysis and vulnerability management solution is a must.

AutoCrypt® Security Analyzer is an automated OSS vulnerability analysis tool made for the automotive environment, accurately identifying and listing all OSS components into a "software bill of materials" (SBOM*), allowing for the precise detection of vulnerabilities and licensing issues.

*__SBOM__ : a nested inventory that make up software components, termed by CISA
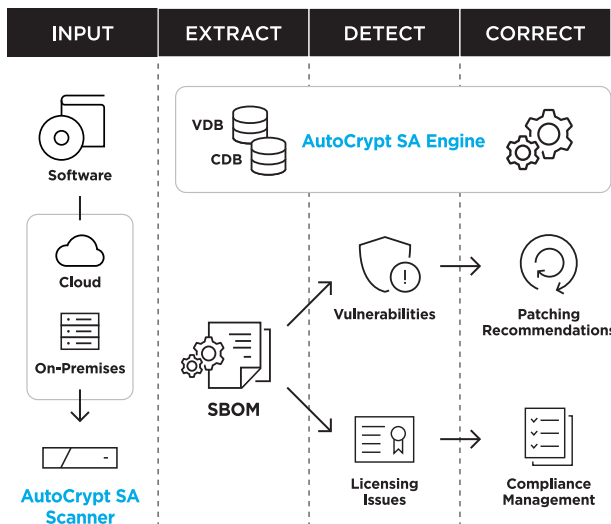
Highly accurate SBOM generation based on patented CENTRIS® technology
Generates in both SPDX & CycloneDX formats

Function-level (code-level) analysis using patented VUDDY® technology
Only function-level analysis tool in the market, enables precise detection of vulnerabilities and patching, with zero false-positives

Identification of Licensing Issues
Retrieves licensing information through component-level analysis

Continuous vulnerability management through user-defined policies
Vulnerability and compliance management through issue registration and user-defined governance policies

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• Deployment Options

On-Premises
Installation on client's servers

Cloud
Delivered online via the cloud

• Privacy Protection

Source code copies are encrypted and uploaded using CLI tools, stored securely in an encrypted file

• Supported Environments

Package Managers

Maven, npm, python PIP, Ruby Bundler, GO Modules, nuget

Languages   **CI/DI**

AUTOCRYPT
Confidence in Mobility