

CYBERSECURITY INNOVATIONS POWERED BY AI



# Software Bill of Material (SBOM)

SBOM delivers complete software component visibility, enabling faster vulnerability detection, supply chain security, and compliance assurance.

## THE CHALLENGE

Modern software supply chains introduce hidden risks that traditional visibility tools cannot detect.

- **Lack of Software Supply Chain Visibility** - Organizations have zero clarity on open-source, third-party, and transitive dependencies, creating blind spots.
- **Delayed Vulnerability Identification** - Without SBOM, mapping CVEs to affected software is manual and slow.
- **Compliance & Regulatory Gaps** - Regulations (CERT-In, RBI, SEBI, DPDP, NTIA) require transparency in software components.
- **Open-Source License Risks** - Hidden license conflicts (GPL, AGPL, etc.) go unnoticed without a structured inventory.
- **Inefficient DevSecOps Integration** - Security is reactive and not embedded into CI/CD pipelines.

**100%**

Visibility into Software Dependencies

**70%**

Reduction in Audit Preparation Time

**60%**

Faster Vulnerability Remediation

## KEY BENEFITS

- ✓ **Complete Software Transparency**  
Provides 100% visibility into all direct & transitive dependencies across applications and containers.
- ✓ **Faster Vulnerability Detection & Remediation**  
Automated correlation with CVE databases and real-time alerts.
- ✓ **Regulatory Compliance Acceleration**  
Supports SPDX, CycloneDX, NTIA, CERT-In, DPDP, ISO frameworks.
- ✓ **Proactive Supply Chain Risk Management**  
Identifies malicious, outdated, or tampered packages before deployment.
- ✓ **DevSecOps Enablement (Shift-Left Security)**  
Automates SBOM generation and enforces security policies in CI/CD.



## KEY CAPABILITIES

# One Unified Agent

### 01 Component Discovery & Inventory

- › Scan source code, binaries, containers, and package managers
- › Identify direct + transitive dependencies
- › Maintain centralized inventory (single source of truth)

### 02 SBOM Generation & Standardization

- › Automated SBOM creation (build-time & runtime)
- › Support for:
  - SPDX
  - CycloneDX
  - JSON formats
- › Version tracking & dependency mapping

### 03 Vulnerability & Risk Intelligence

- › CVE correlation + exploit intelligence feeds
- › Real-time vulnerability alerts
- › Risk scoring based on:
  - Severity
  - Exploitability
  - Business impact

### 04 Software Supply Chain Security

- › Detection of malicious/tampered packages
- › Dependency path analysis (deep transitive visibility)
- › Cryptographic signature validation

### 05 Policy & Compliance Engine

- › License compliance checks (GPL, MIT, Apache, etc.)
- › Policy-based enforcement & approval workflows
- › Automated release gating (block risky builds)

### 06 DevSecOps & CI/CD Integration

- › Integration with pipelines (Jenkins, GitHub, GitLab, etc.)
- › API support for artifact repositories & registries
- › Automated SBOM generation during builds

### 07 Continuous Monitoring & Threat Intelligence

- › Real-time tracking of newly disclosed vulnerabilities
- › Zero-day alerting
- › Historical trend analysis
  - Continuous monitoring ensures vulnerabilities are flagged across deployed software

### 08 Extended BOM Capabilities

- › **HBOM** → Hardware & firmware dependencies
- › **CBOM** → Cryptographic assets & post-quantum readiness
- › **AIBOM/QBOM** → AI/ML model supply chain transparency



## KEY CAPABILITIES

# One Unified Agent

### 09 Reporting & Integration

- > Executive dashboards
- > Audit-ready reports
- > Regulatory submission support
- > API integrations with security tools (SIEM, SOAR, etc.)

#### ADD-ON AVAILABLE

Need 24/7 coverage? Add Velox MDR.

- India-based SOC analysts, 24x7x365
- 15-minute SLA for critical incidents
- Seamless activation — no new agent required

[LEARN MORE →](#)



Velox Solutions is a Global cybersecurity OEM delivering advanced, AI-powered technologies that strengthen Security Operations and enterprise resilience since 14+ years. Our solutions enable faster threat detection, automated response, and deep visibility across users, endpoints, and infrastructure. Leveraging AI-driven SIEM, SOAR, and behavioural analytics, Velox builds proactive, intelligence-led SOC environments, empowering government and enterprise sectors to stay ahead of evolving cyber threats.

#### Web

[www.veloxworld.com](http://www.veloxworld.com)

#### India

+91 9321943983

#### Sales

[sales@velox.co.in](mailto:sales@velox.co.in)

#### Marketing

[marketing@velox.co.in](mailto:marketing@velox.co.in)

©2026 Velox Solutions Pvt. Ltd. All rights reserved. SecureIT, ScanPlus, BitSecure, AssetGrid, PlanetGuard, TrustShields, ScanX, and CodeTrust 360 are Products of Velox Solutions Pvt. Ltd.

