# Sigma Software Studio DevSecOps Platform

## Sigma Software Studio enables fast, secure stand-up of software factories with less cost and complexity than building from the ground up.

**Sigma Software Studio** is a new approach to software development that enables fast, secure stand-up of software factories with less cost and complexity than building from the ground up (DIY). Using this proven, secure DevSecOps platform to unify and streamline software development across the enterprise accelerates the deployment of software applications, reduces complexity, and significantly lowers costs over a traditional DIY approach. This allows for mission owners to focus their resources on determining how DevSecOps best serves the mission rather than focusing on infrastructure.

**Sigma Software Studio** provides the DevSecOps foundational platform, making it easy to build and expand a software factory with a customized set of tools:

**The platform centralizes multiple capabilities**, taking them out of traditional silos and provisioning them across multiple factories:

- Turnkey and accredited tooling
- Host-level and runtime security, monitoring, & compliance
- Logging and metrics
- Zero trust security
- Cluster-level and infrastructure-level accreditation & compliance
- Standard interface formats for inter-software factory communications
- Ability to stand up common environments at higher classification levels
- Expert guidance from seasoned DevSecOps practitioners
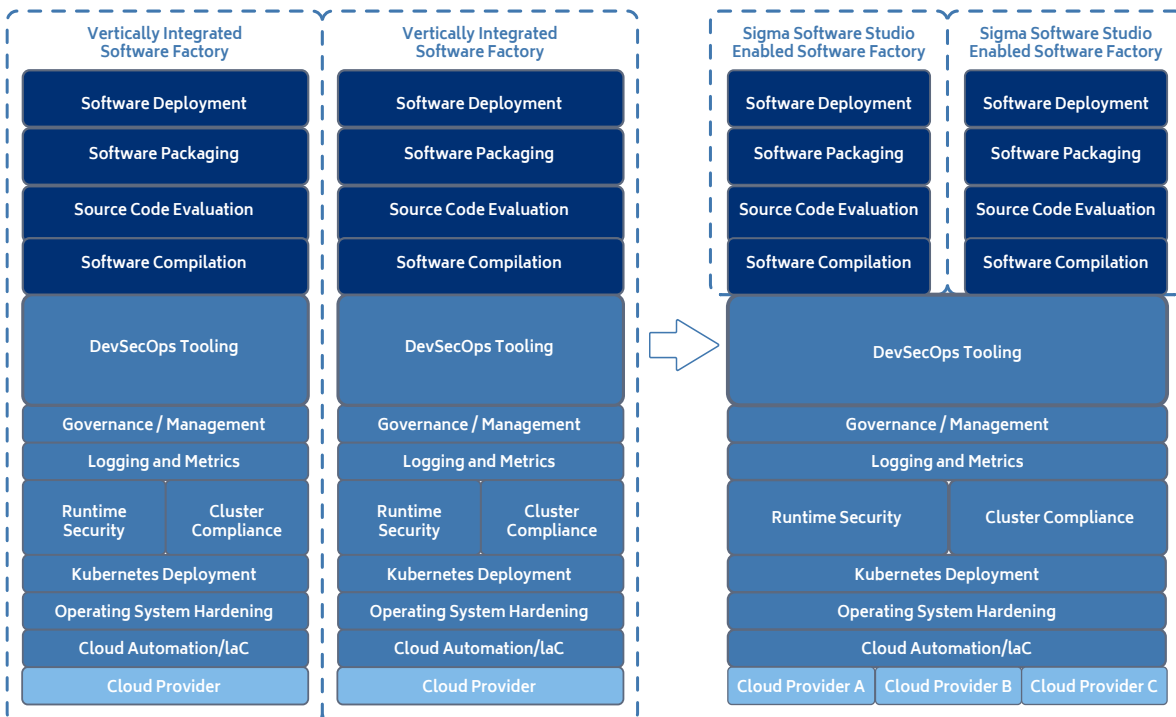
| Sigma Software Studio is offered at different levels for a wide range of requirements: | Collaboration | Development & Test | Development, Test & Production |
|---|---|---|---|
| **Git-based Source Code Management**<br>Host git repositories | ✔ | ✔ | ✔ |
| **Issue Management**<br>Create issues and track progress | ✔ | ✔ | ✔ |
| **Knowledge Management**<br>Wiki-based knowledge management | ✔ | ✔ | ✔ |
| **Chat Capability**<br>Chat with other users in team-based chat environment | ✔ | ✔ | ✔ |
| **CUI Chat Capability**<br>Chat Controlled Unclassified Information (CUI) with other users in team-based chat environment | | ✔ | ✔ |
| **Source Code Scanning**<br>Statically scan source code repositories | | ✔ | ✔ |
| **Artifact Management**<br>Host artifacts of the build process | | ✔ | ✔ |
| **Container Scanning**<br>Scan Docker containers | | ✔ | ✔ |
| **CI-Runners**<br>Managed, dedicated and configurable infrastructure which may run and build containerized tooling in support of a CI pipeline | | ✔ | ✔ |
| **Pipeline Component Templates**<br>Templates simplify buildup of pipelines | | ✔ | ✔ |
| **Cloud-based** | | | ✔ |
| **End-to-end software delivery**<br>**from development to production** | | | ✔ |

## Why Sigma Software Studio?

Sigma Software Studio is a proven platform from a company with a long history of delivering successful DevSecOps capabilities to the DoD:

- Track record of success with Authority to Operate (ATO) accreditation for USN and USMC
- Reduce software factory setup time from 6 months on average for DIY to 3-5 days
- Eliminate up-front costs for hardware and software and then need for platform development
- Reduce platform costs by up to 90% vs. DIY
- DevSecOps-as-a-Service model accelerates speed to value, reduces or eliminates procurement and management complexity

- Enable developers to bring in many of their own tools in support of development pipelines
- Platform operates and maintains itself, including software updates and cutting outages and need for helpdesk staff
- A dynamic platform with the ability to constantly evolve to support new tools as they become available
- The only commercial offering to be accredited at IL2/IL4/IL5 security with IL6 forthcoming