

CAST Vs Sonar

| Features | CAST | Sonar | Comments |
|--|------|-------|---|
| System Level Analysis | ● | ● | AIP performs inter-tier/ inter-technology analyses. SONAR performs one technology at a time |
| Application Blueprinting | ● | ● | CAST has a unique capability to image an entire multi -tier application - Imaging System |
| Sizing & Estimation – Function Points | ● | ● | CAST provides AFP and AEP metrics using Function Points – IPFUG standards |
| Support for multiple technologies | ● | ● | SONAR – 25(Among them many are supported by the open source community) CAST – 50+ including older languages, frameworks, middleware, ERPs, mainframe, etc. + 30 additional technologies provided by CAST Extend |
| Support for industry Quality and Security Standards | ● | ● | CAST gives a System level perspective starting from the UI to End points(like Database, Webservices etc). It supports the CISQ standards along with others such as OWASP Top 10, CWE, NIST, STIG, OMG |
| Architecture Rules | ● | ● | Native architecture rules can be augmented with Architecture Checker . Architects can monitor compliance using the checker. Custom rules can be added. |
| Quality Benchmarking | ● | ● | CAST AppMarq DB has a unique application benchmarking capability, across industries, apps type, technologies. The details are available in the Health Dashboards. |
| Portfolio level assessment and Reporting | ● | ● | Sonar has limited flexibility into arranging applications as portfolios for Senior Management/Executive level |
| DevOps Integration | ● | ● | Seamless integration to the DevOps pipeline |
| IDE integration | ● | ● | SONAR provides IDE plugins. |
| Cross-technology Transaction Mapping/ Tagging Sensitive Data | ● | ● | CAST can map a transaction path from user input to database. This is crucial to ensure application security |
| Remediation plans management & prioritization | ● | ● | CAST provides an Action Plan Optimizer along with risk metrics. Continuous Improvement graphs can be accessed by the teams. |
| Compares versions | ● | ● | Snapshot comparison can be done with CAST where added/modified and deleted violations and code can be identified. |