

Reducing M&A risks based on facts

The most advanced, ISO-based, machine-generated intelligence for high-accuracy technology due diligence

Powered by



Blackbox reality

Your M&A target's software is a maze of technologies and millions of lines of code. How do you or an advisor objectively know if it is rock-solid, efficient, and safe? Interviews, guesswork, and commodity tools are no longer enough.

Zero subjectivity

Now, [ISO 5055](#) provides the only way to accurately unearth hidden flaws and avoid post-deal surprises. It codifies the key rules for software resiliency, efficiency, maintainability, security - based on a ten-year effort by [CMU](#), [MIT](#), [CISQ](#), [Mitre](#), [OMG](#).

MRI-like precision

[CAST](#) automatically 'understands' how complex software works. It deciphers the application internals and finds all you must know about its condition. Today, it is the only product fully applying [ISO 5055](#), the global standard for structural quality.

High-accuracy value & risk assessment done in a week

Machine-generated software intelligence enables deep, ISO-based technology due diligence



Composition

Complete software bill of material - own source, open source, 3rd-party components.



IP risks

Legal exposures, security risks, obsolescence of open-source used in the software.



Architectural flaws

Critical flaws in the application construction. Remediation actions and effort estimates.



Structural condition

[ISO 5055](#)-based view of the application Reliability, Security, Efficiency, Maintainability.



Technical debt

Cost of corrective maintenance based on [OMG-ATDM](#) spec and [ISO 5055](#) standard.



Cost savings

Opportunities to reduce the costs of software maintenance and infrastructure use.



Cloud maturity

Cloud optimization blockers, estimated remediation effort, best-fit cloud native services.



Green impact

Opportunities for changing the code for reducing energy consumption.



Benchmarks

Unique comparison of the application against peers in same industry.



ISO 5055 based



Without developers



Any size application



Any mix of technologies



At the heart of due diligence done by



Deloitte



Bain & Company



BCG



BearingPoint



Cross Lake Partners



IT Allys

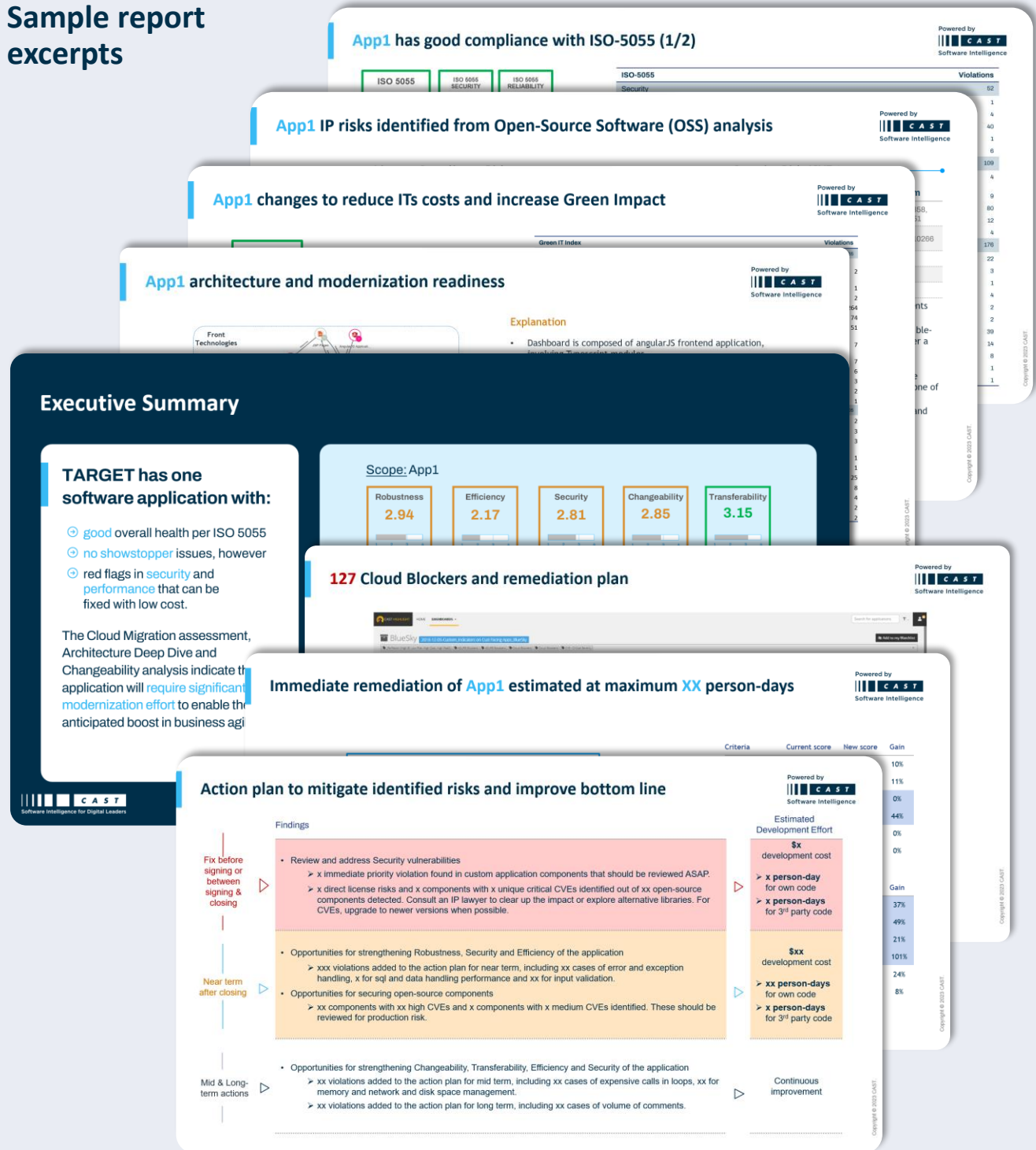


Vista Equity Partners



West Monroe

Sample report excerpts



Download the sample report castsoftware.com/dd-report