## SEAMLESS INTEGRATION INTO EXISTING INFRASTRUCTURE

Integration into Application Life Cycle Management (ALM) infrastructure helps institutionalize the CAST best practices and quality improvements.

**SOURCE CODE AND BUILD MANAGEMENT** — CAST AIP can be integrated into all major source code and build management systems to automatically extract and analyze applications eliminating any manual intervention

**DEVELOPER IDE's** — Violations from CAST AIP can be automatically extracted into developer IDE*, to view and correct violations based on the remediation plan prepared by managers / architects

**COLLABORATIVE PLATFORMS** — Data from CAST AIP can be fed / extracted into all major defect and issue tracking systems, eliminating the need to manage and monitor issues in multiple systems

*Currently supports Eclipse IDE for Java technologies

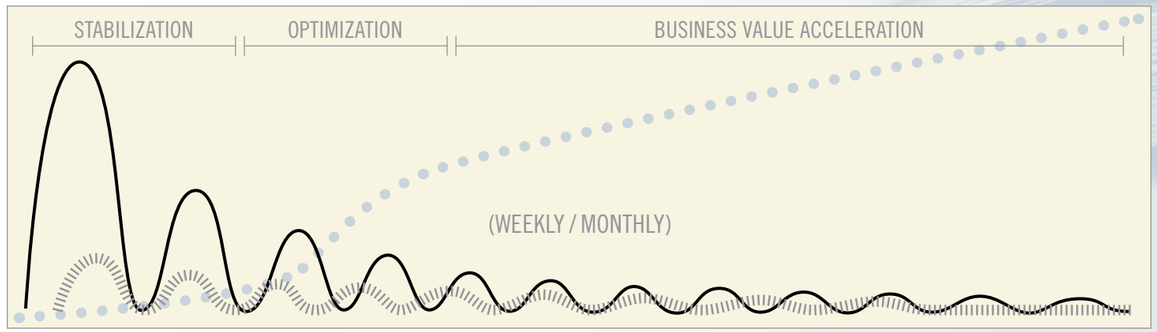
## BENEFITS OF CONTINUOUS IMPROVEMENT MODEL

**IMPROVE PRODUCTIVITY:** Development teams receive monthly for weekly feedback they internalize and incorporate best practices the first time the code it written, resulting in drastic reduction of new violations introduced

**ACCELERATE COST SAVINGS:** Sooner identification of violations, results in cheaper and quicker fixing of violations

**IMPROVE TEAM PERFORMANCE:** More frequent analysis and remediation results in less reactive work, more proactive attitude of development teams

**FOCUS ON INNOVATION:** Once the initial cleaning is done, ongoing remediation becomes a breeze as there are fewer violations and teams can focus on adding innovative new features for business

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# Maximizing the Value of CAST Application Intelligence Platform Through Continuous Improvement Model

### Continuous Improvement Model (CIM)

- Ideal for monitoring and improving the quality of mission critical applications on an ongoing basis
- CAST AIP is seamlessly integrated into existing infrastructure, processes and is fully institutionalized
- Analysis on applications is done during development phase, whenever major changes are done to the code base (often weekly, bi-weekly or based on the build schedule)

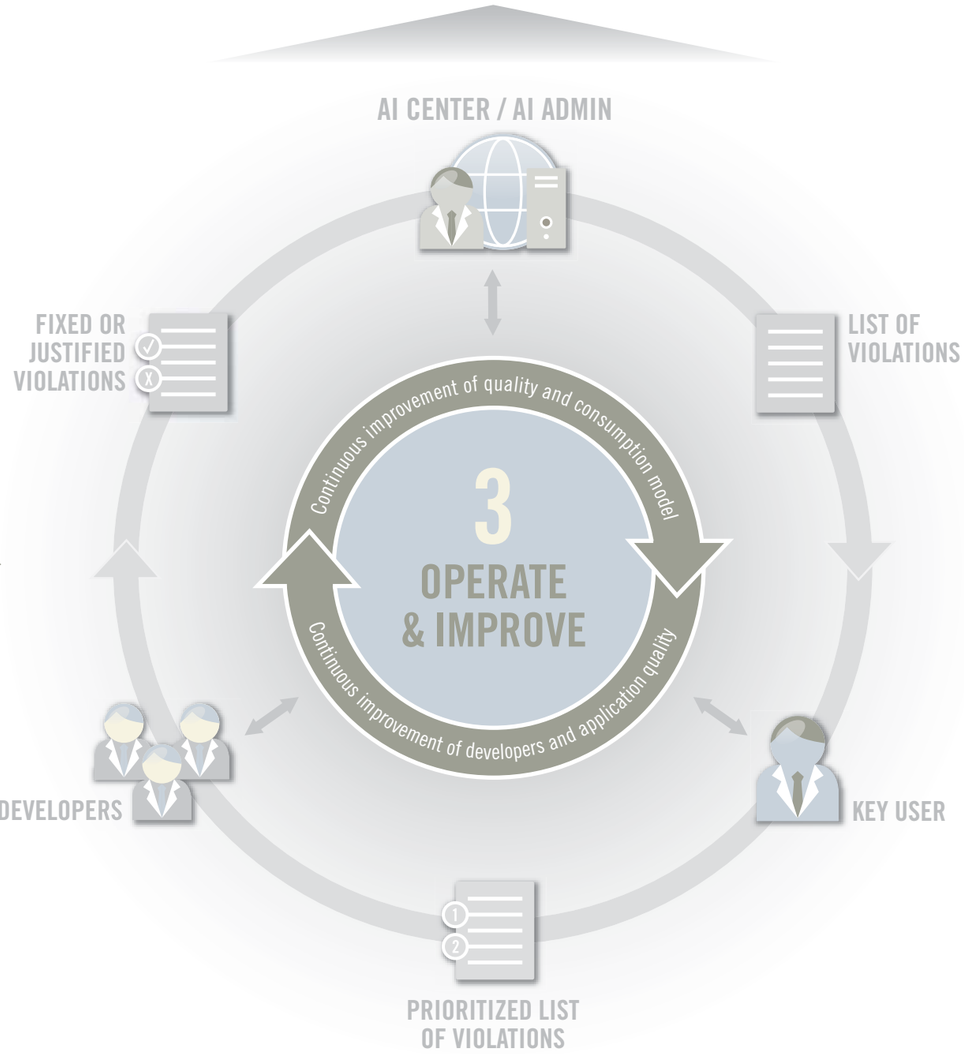
Operationalization of CAST Application Intelligence Platform (AIP) through Continuous Improvement Model (CIM) is a proven, repeatable and successful approach to rolling out CAST AIP. It goes beyond just implementation. CIM is a full cycle of implementation, adoption, consumption and improvement that ensures client's success through proper use and adoption of CAST. It provides content, tools, best practices and expertise from numerous successful CAST roll-outs across industries and customer environments.

## 1 DISCOVER

- Identify business value drivers
- **People:** Identify, commit AI Administrators, AI Officers, and Key Users
- **Process:** Define the process of analysis, consumption and action
- **Technology:** Define the architecture of CAST set-up
- Define the integration into existing infrastructure

## 2 IMPLEMENT

- CAST Implementation Framework
- Phase I – Preparation (set up hardware environment, train AI admin)
- Phase II – Realization (install and configure CAST test runs
- Phase III – Final Preparation (key user, AI officer, end user training)
- Phase IV – Go live and support




## 4 MEASURE BENEFITS

- Establish a framework for measuring value of CAST directly tied to business needs
- Measuring value of CAST AIP is important to:
  a). justify the investment
  b). increase the adoption and acceptance
  c). expand CAST AIP services to other scenarios

## 5 PROMOTE & EXPAND

- Build desire for new services by showcasing the success and benefits
- Identify and promote additional services where the business can use CAST like:
  a). Defect Prevention Service
  b). Quality Monitoring Service
  c). Audit Service
  d). Due Diligence Service