

Controlled Application Factory (CAF)

Creating a stable, secure, compliant, and optimized Applications Development Lifecycle (ADLC) from a chaotic environment.

A complete solution to best protect your enterprise resilience, compliance, operations, and recovery with an immutable audit trail for real-time visual dashboards and management reporting.

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Controlled Application Factory (CAF)

Executive Overview

What CAF Provides:

Rules Engine (Input Validation)

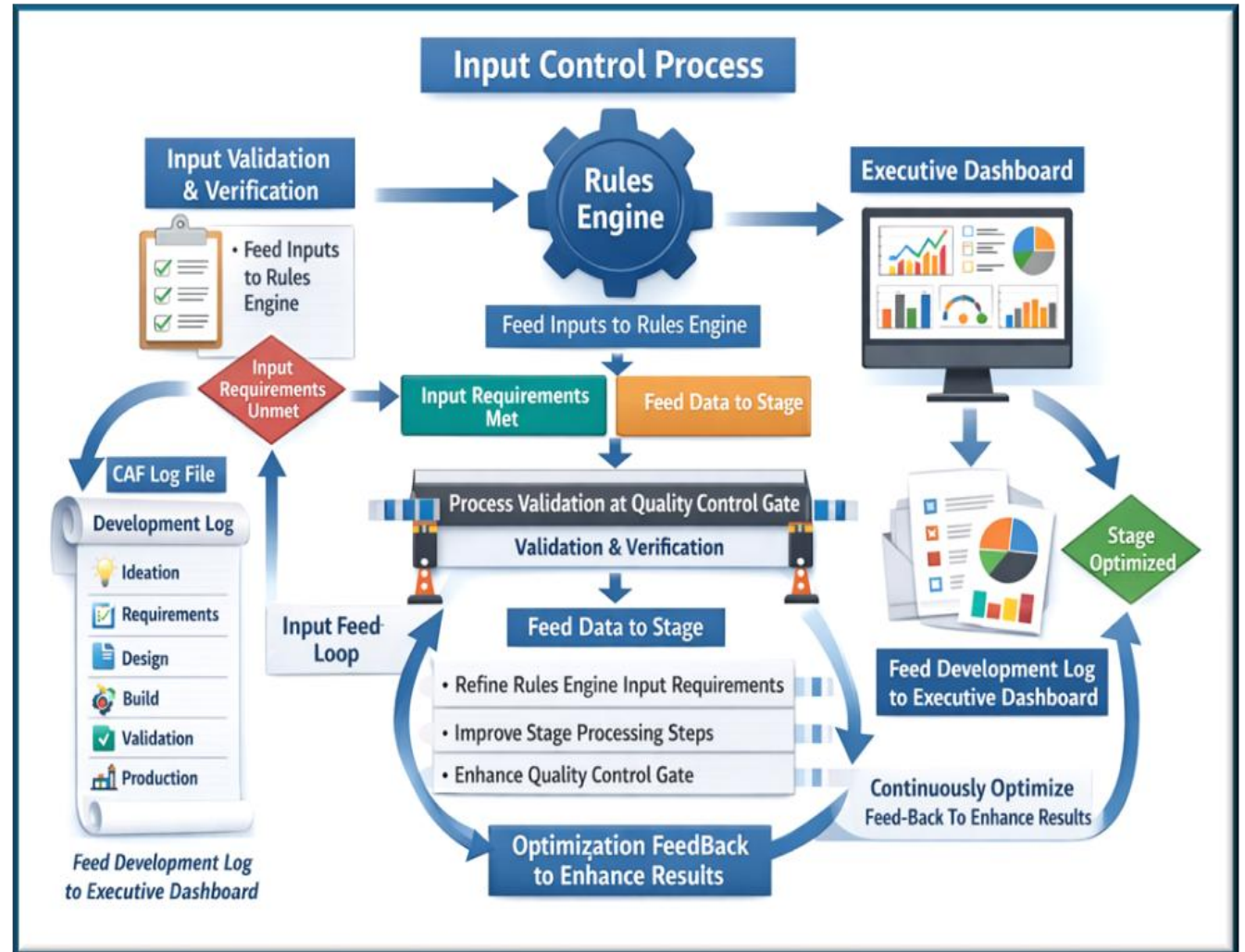
- No incomplete, non-compliant, or misaligned inputs enter the pipeline
- Eliminates downstream defects at the source

Quality Control Gates (Process Enforcement)

- Each stage must meet defined criteria before progressing
- Failures are corrected before moving forward

Immutable Audit Trail (Executive Visibility)

- Every action, decision, and artifact is logged
- Feeds real-time dashboards and audit reporting



Controlled Application Factory (CAF)

CAF provides a controlled, secure, optimized, measurable, and continuously monitored system

Problems

- Uncontrolled app sprawl and duplicate solutions
- Inconsistent compliance, security, testing, and documentation
- Slow approvals and unclear ownership
- Production incidents from unmanaged changes
- Defects are found late causing a 10x-30x impact on costs and efficiency
- Higher run costs and support burden

Benefits

- Standard intake, prioritization, and governance
- Built-in security reviews and quality gates
- Reusable patterns, components, and templates
- Predictable releases with traceable change control
- Lower operational cost with shared support model
- Management Dashboard and Reports

Improvements provided through CAF

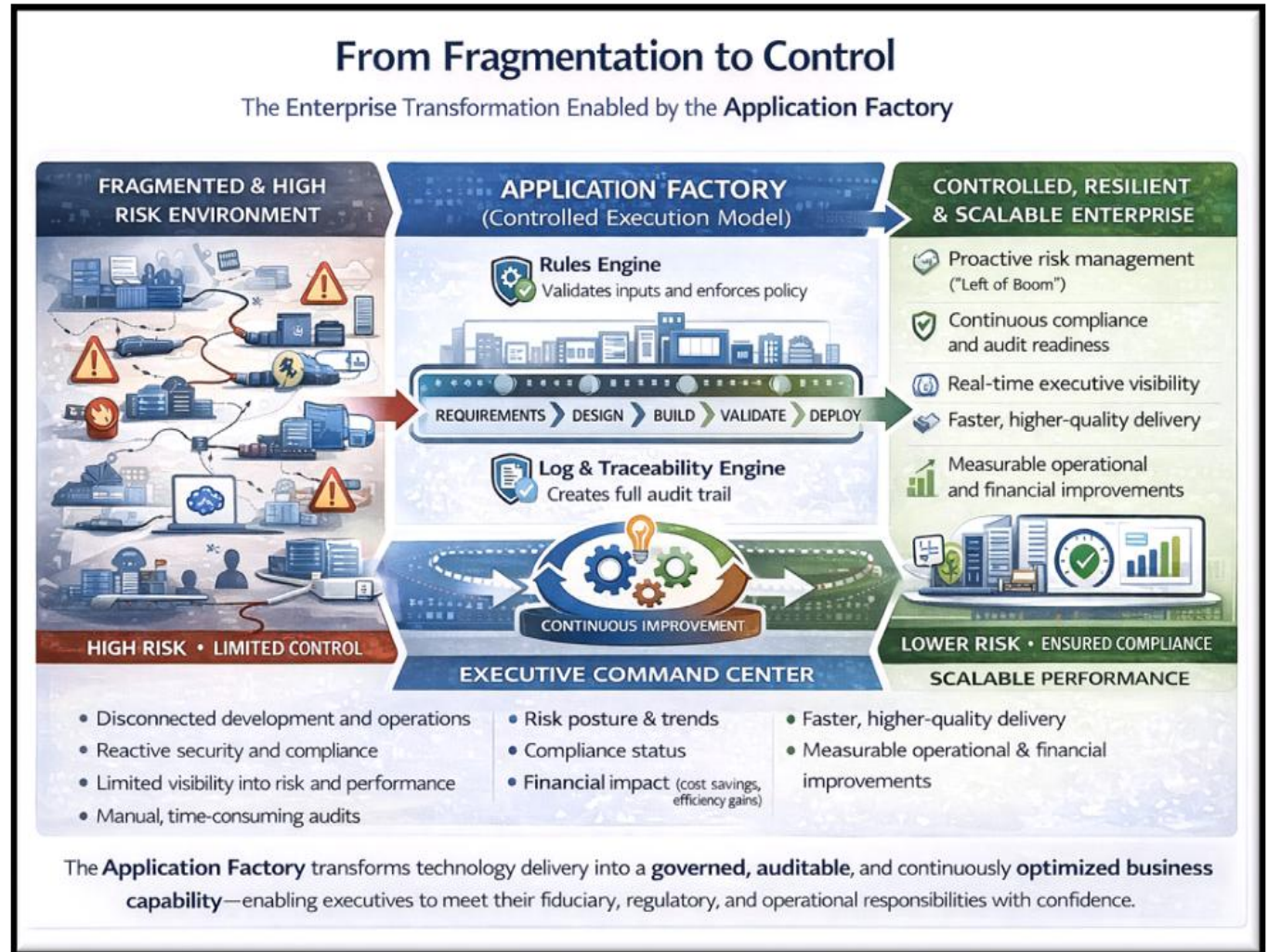
What Changes with CAF:

BEFORE (Current State)

- Fragmented tools and processes
- Reactive security and compliance
- Limited traceability
- High rework and cost

AFTER (CAF State)

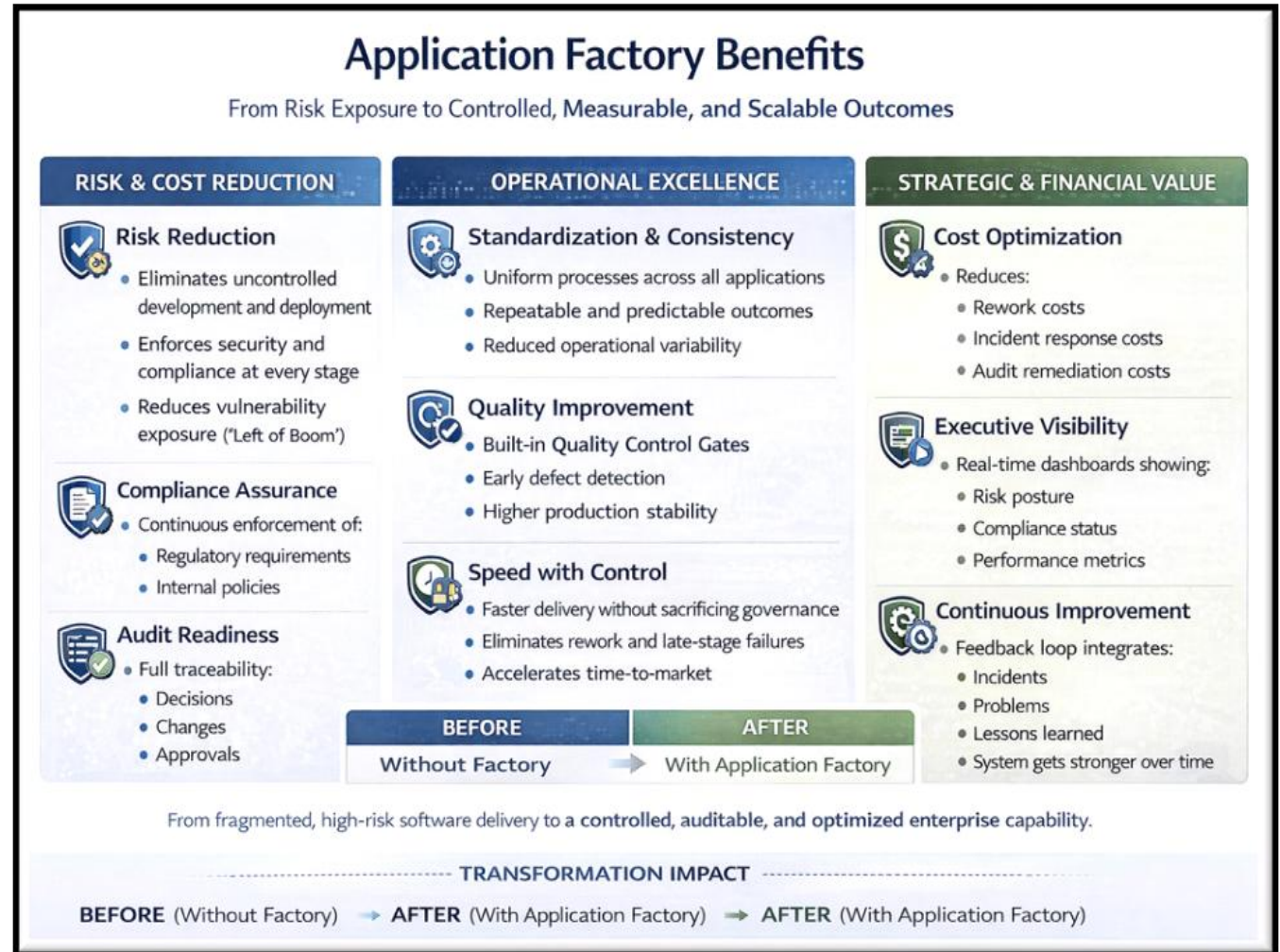
- Standardized, governed pipeline
- Built-in compliance (“Secure by Design”)
- Full lifecycle traceability
- Executive Dashboard and Reporting
- Continuous ATO (cATO) readiness



Business Impacts that Executives Care About

CAF delivers:

- ❑ **Cost Reduction**
Early defect detection eliminates expensive rework
- ❑ **Risk Reduction**
Continuous validation + monitoring reduces exposure
- ❑ **Audit Readiness**
Evidence is generated automatically and provided in real-time
- ❑ **Operational Efficiency**
Repeatable, standardized workflows
- ❑ **Faster Time-to-Market**
Controlled acceleration without compliance risk



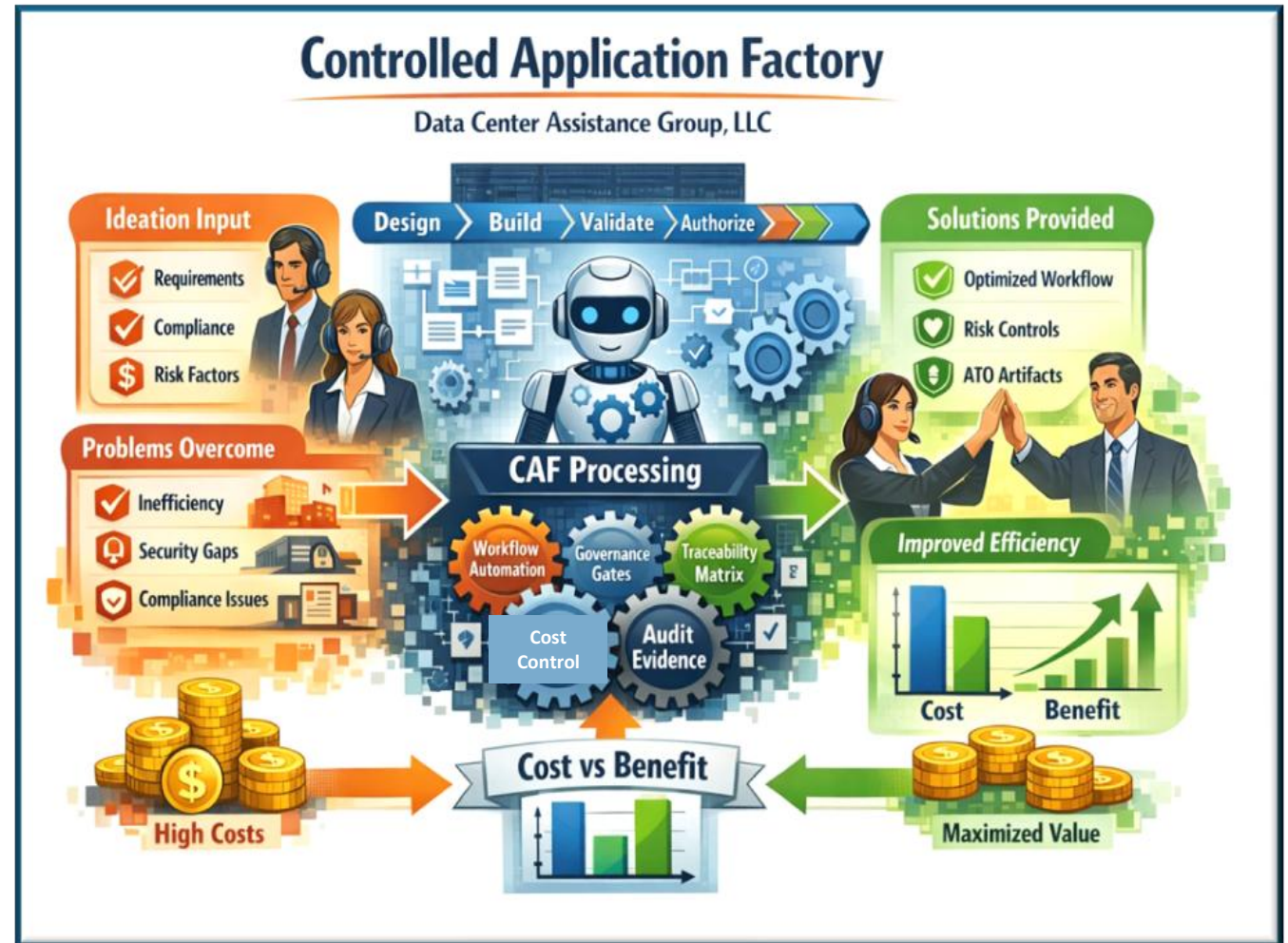
Where CAF Fits

Where CAF Fits (Important Positioning)

CAF sits **above and across**:

- DevSecOps pipelines
- SAST / DAST tools
- SBOM / CTEM processes
- Compliance frameworks (NIST, CMMC, ISO)

It **orchestrates and enforces**, rather than replaces.



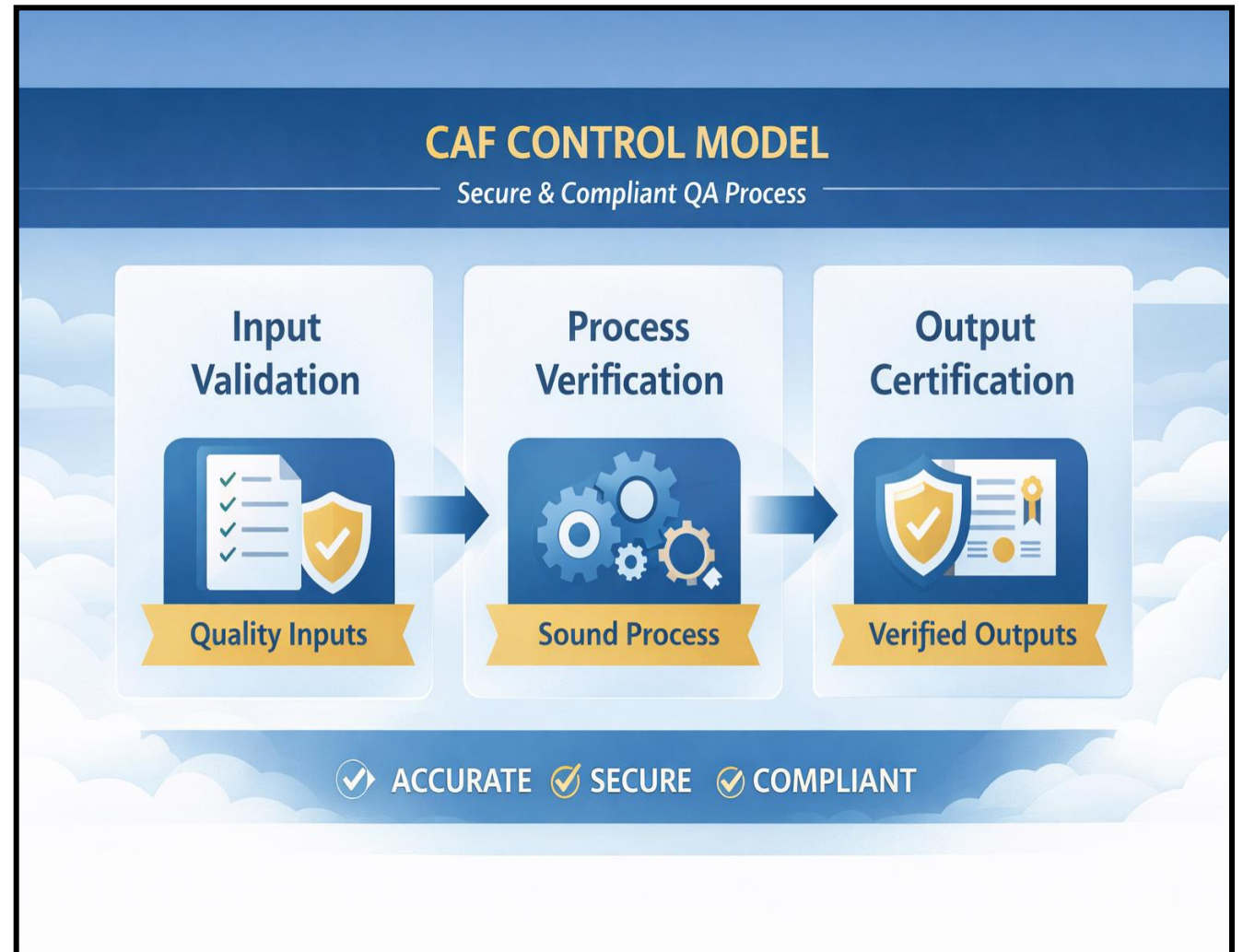
What makes CAF different

Most solutions:

- Detect problems
- Report problems
- Report problems

CAF:

- Prevents problems from entering the system
- Blocks non-compliant progression
- Eliminates recurring failure conditions
- Optimizes Production



Costs vs Benefits and ROI achieved through CAF

Costs Reduced:

- Development Time and Effort
- Security and compliance issues are costly
- Uncontrolled and increasing in expenses

Benefits Received:

- Faster and controlled development
- Improved security and compliance
- Improved quality control and optimization
- Reduced costs through financial reporting

CAF Adoption:

- Cost vs Benefits analysis and Rapid ROI make this a Self-Funding project

