



Management Systems Subcommittee

EVMS ROADMAP

NASA Earned Value Management Workshop

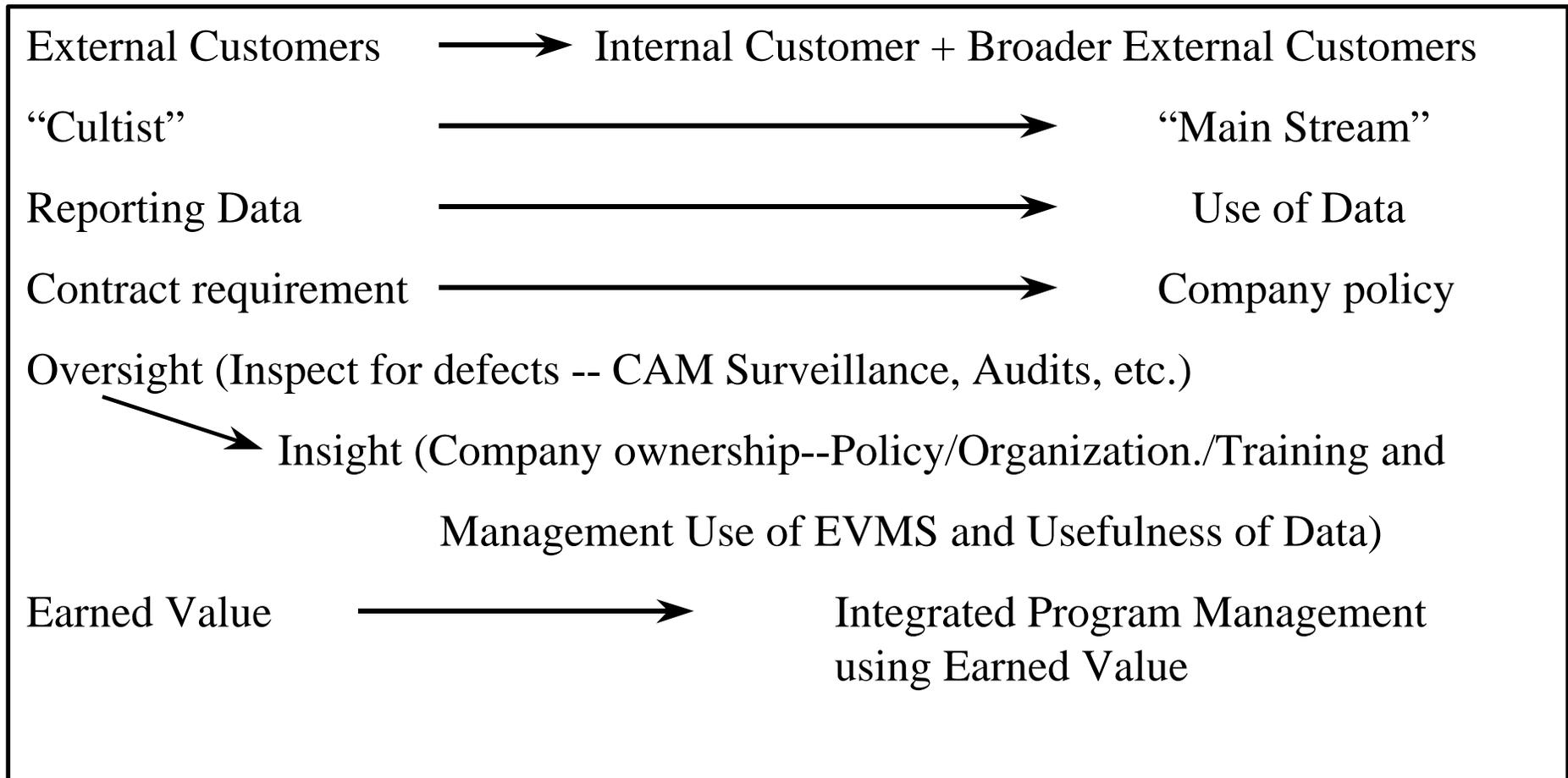
September 15 - 16, 1998

VISION

ê *ACHIEVE A PARADIGM SHIFT MOVING
THE COMMUNITY FROM A REQUIREMENTS
STRUCTURE TO ONE BASED ON COMPETITIVE
ADVANTAGE*

ROADMAP FROM REQUIREMENTS β TO COMPETITIVE ADVANTAGE

'Community' Definitions



ROADMAP FROM REQUIREMENTS β TO COMPETITIVE ADVANTAGE

Integrated Program Management Elements

Contract Reqmts.
- Identify
- Control

Formal Processes
- Document
- Measure
- Improve

Product(s)
- Reqmts.
- Quality
- Delivery
- Owner

EVMS
- Implement
- Utilize in Decisions
SPI & CPI

Organization Staffing Skills

Action Items and Data
- Tracked
- Reported

Satisfy Reqmts.
- Contract
- Company

Technical Performance Metrics
- Targets
- Track

Schedule Tasks & Milestones
- Progress

Product Cost
- Incurred
- Projected

Subcontract Performance
- Technical
- Schedule
- Cost
- Risk

Risks
- Identify
- Track
- Report
- Mitigate



ROADMAP FROM REQUIREMENTS β TO COMPETITIVE ADVANTAGE

Competitive Advantages

INDUSTRY:

Grow the business

(acquire new contracts)

Achieve customer expectations

(contract performance)

Achieve stockholder expectations

(improve financial results)

GOVERNMENT:

Product COSTS reduced

Schedule RISK reduced

Program SUCCESS

(improved predictability)

Common Business Processes give the Program Manager the tools to avoid re-inventing the wheel for each program.

EV is a tool integrating technical, schedule and cost Performance Measurement and Analysis data for Management.

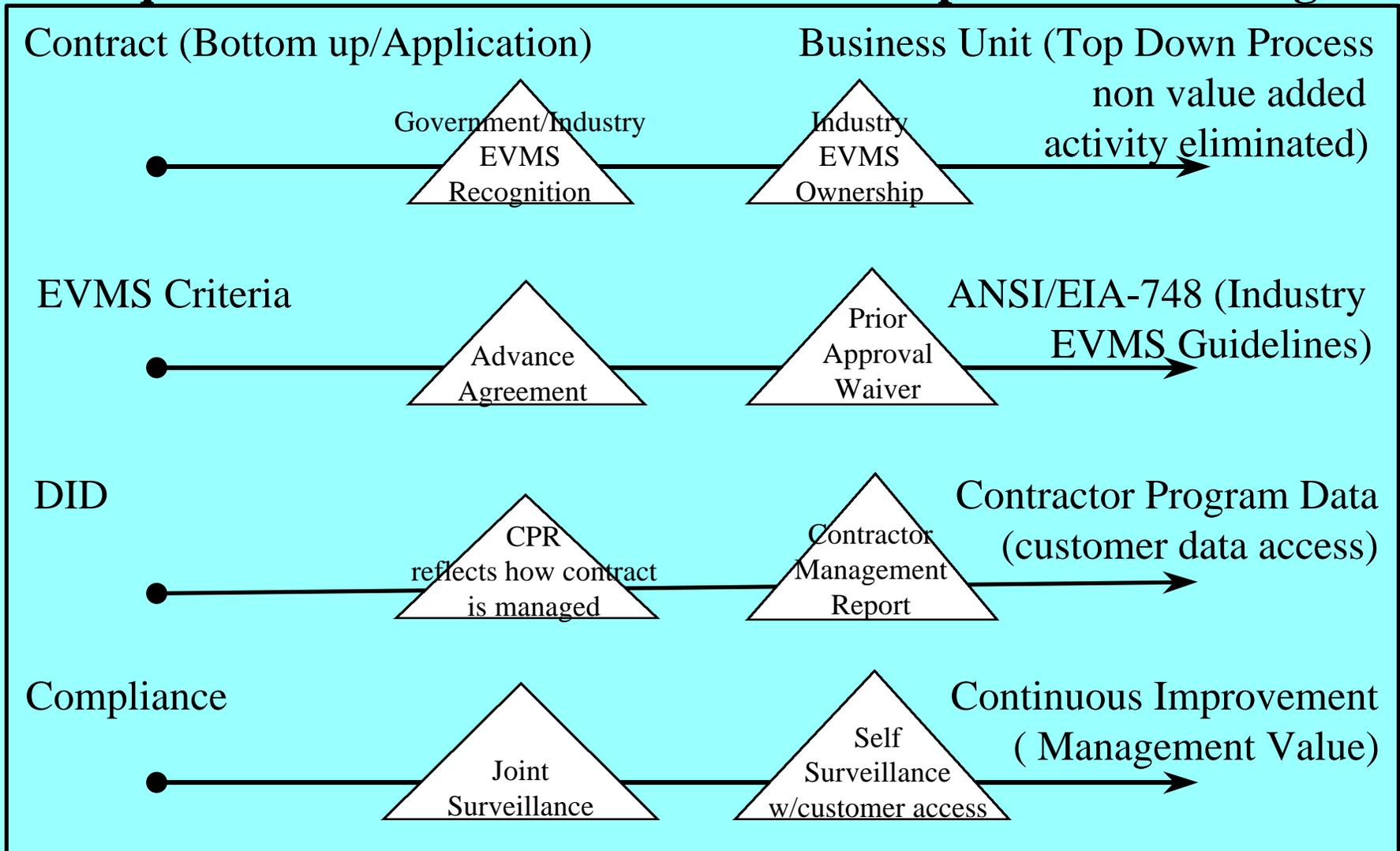
The cost saving and competitive advantage comes from a broad business application -- **program by program application isn't good enough.**

ROADMAP FROM REQUIREMENTS β TO COMPETITIVE ADVANTAGE

Model

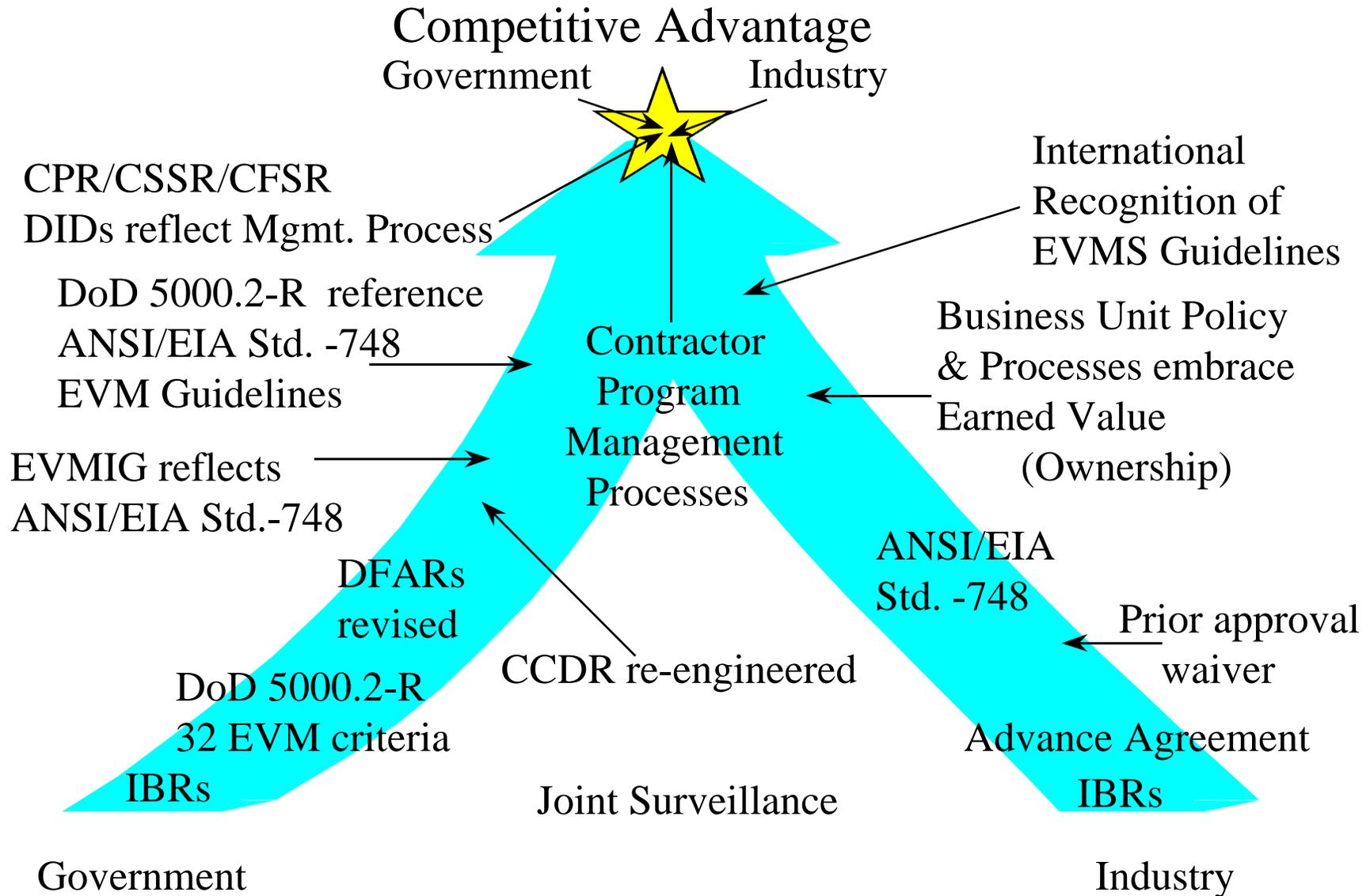
Requirement

Competitive Advantage



ROADMAP FROM REQUIREMENTS β TO COMPETITIVE ADVANTAGE

Integrated Program Management Progress Objectives



ROADMAP FROM REQUIREMENTS β TO COMPETITIVE ADVANTAGE

Integrated Program Management Competitive Advantage
(ALL non-value added activity eliminated)

