



ARDEC's Quest for Excellence

Mary Manser – Director,
Financial Management

6th Annual IBM Cognos
Government Forum

Information Management

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Bottom Line Up Front

- 2007 Malcolm Baldrige National Quality Award Recipient
- It's a journey – not a destination
- External feedback accelerates excellence
- Baldrige framework provides balanced approach
- Integration of best practices amplifies benefits
- Learning from others invaluable

ARDEC will always be in the state of 'becoming'

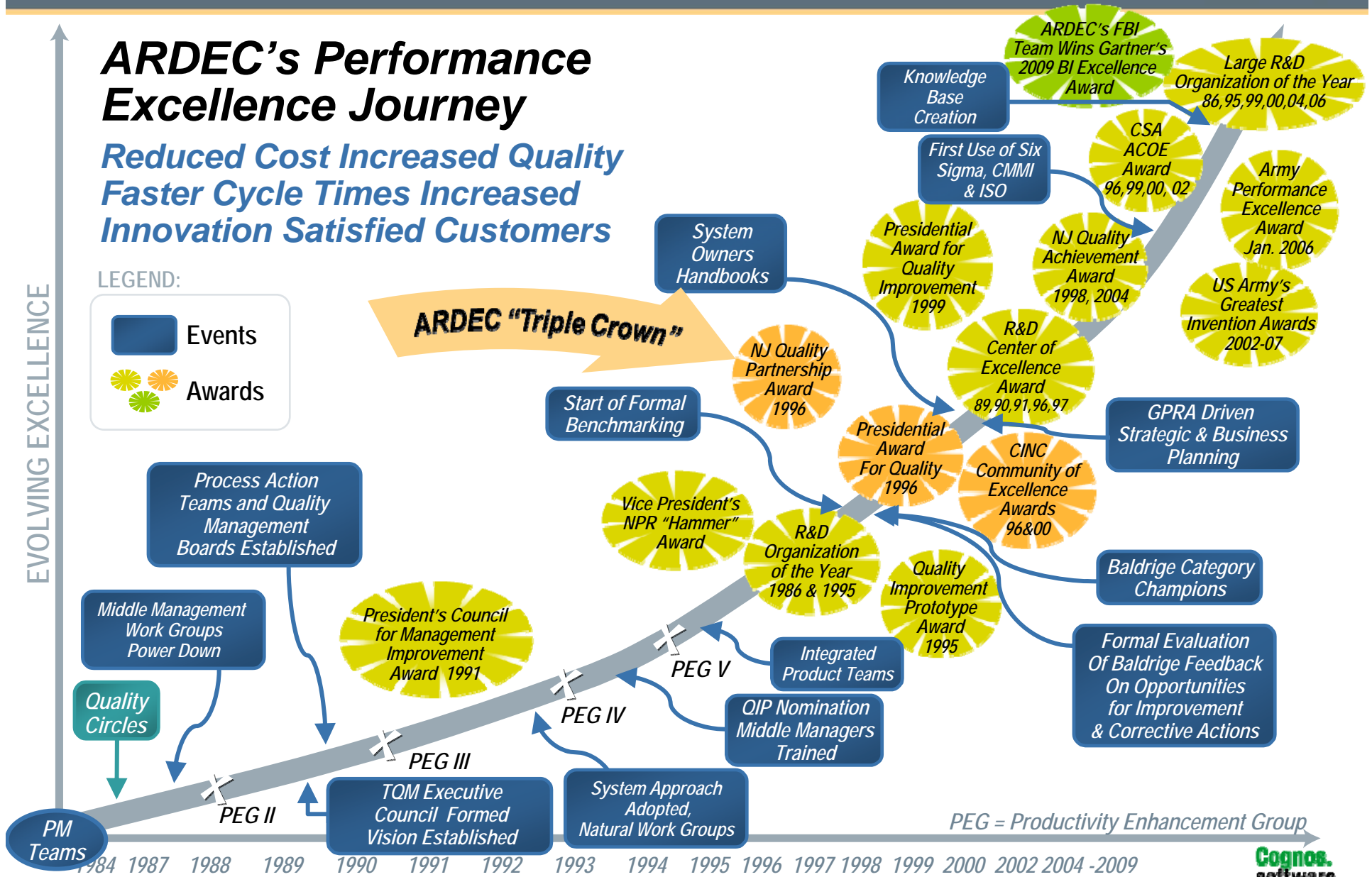
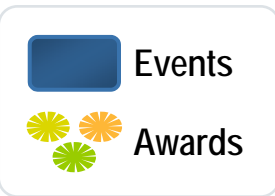


ARDEC's Performance Excellence Journey

Reduced Cost Increased Quality
Faster Cycle Times Increased
Innovation Satisfied Customers

EVOLVING EXCELLENCE

LEGEND:



Understanding What is Important

BG Boddie –
ARDEC
Commander
from 1993 -
1996



Brig. Gen. James W. Boddie
‘The Soldier is Our Ultimate Customer’



Close Call
for ARDEC
with Base
Realignment
and Closure

ARDEC Win's
Baldrige-based
"Triple Crown"
Army, DoD and
NJ State Awards

Submission of
ARDEC's First
Baldrige-based
Application

‘I want our customers to think of us like they do Jiffy Lube. When the customer comes in, they will know what work will be performed, how much it will cost and when it will be finished.’

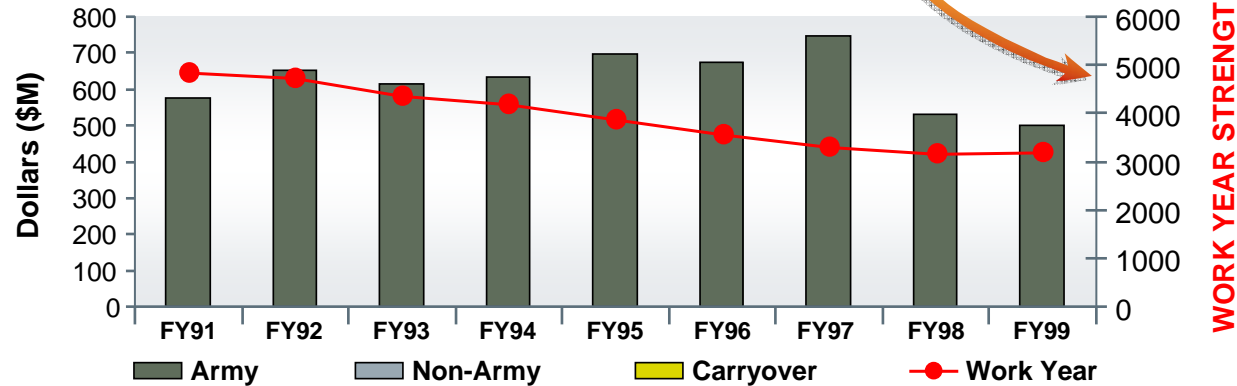
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Deploying What is Important

Average Workforce Age: 48

FY91- FY99 Revenue and Work Year Analysis



BG Boddie – ARDEC Commander from 1993 - 1996



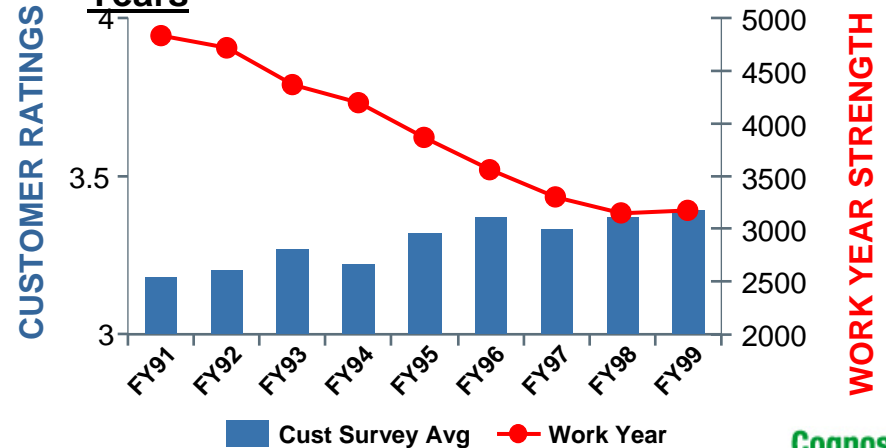
Close Call for ARDEC with Base Realignment and Closure

ARDEC Win's Baldrige-based "Triple Crown" Army, DoD and NJ State Awards

Submission of ARDEC's First Baldrige-based Application

Creation of Business Units for Product-based Financial Solvency, Reinvention Waiver To Allow Hiring to Budget

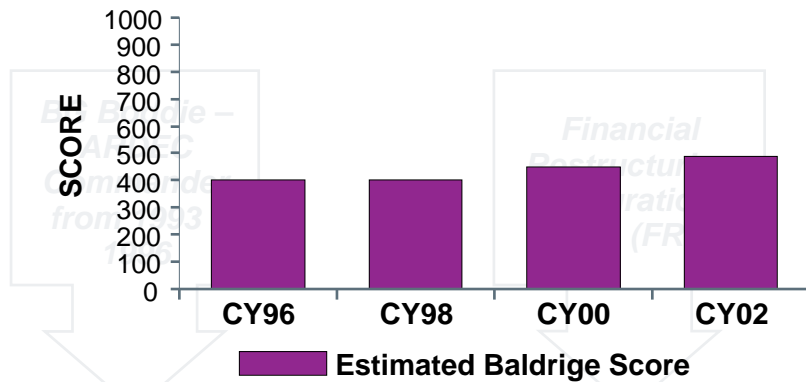
ARDEC Customer Ratings & Work Years



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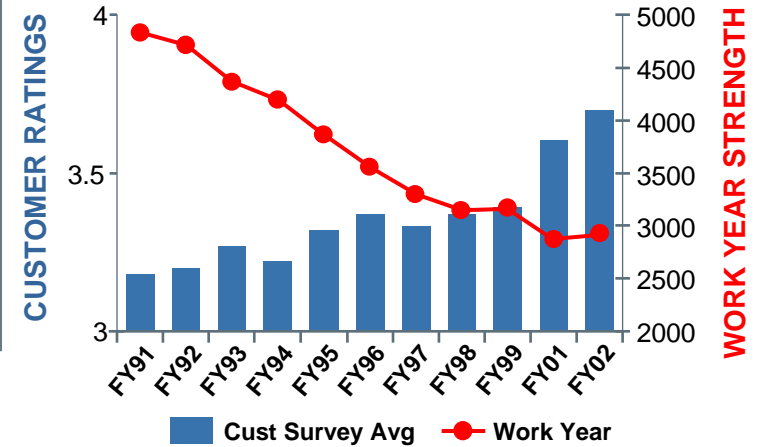
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Learning What is Important

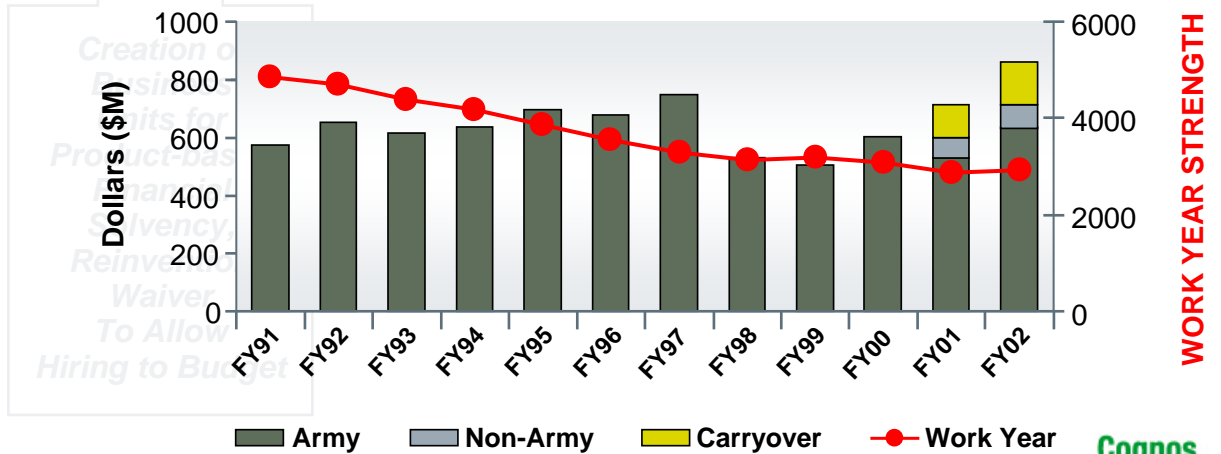


Six Sigma Evaluation of Organization, Extensive Competency Study, Strategic Facility Master Plan

ARDEC Customer Ratings & Work Years



FY91- FY99 Revenue and Work Year Analysis



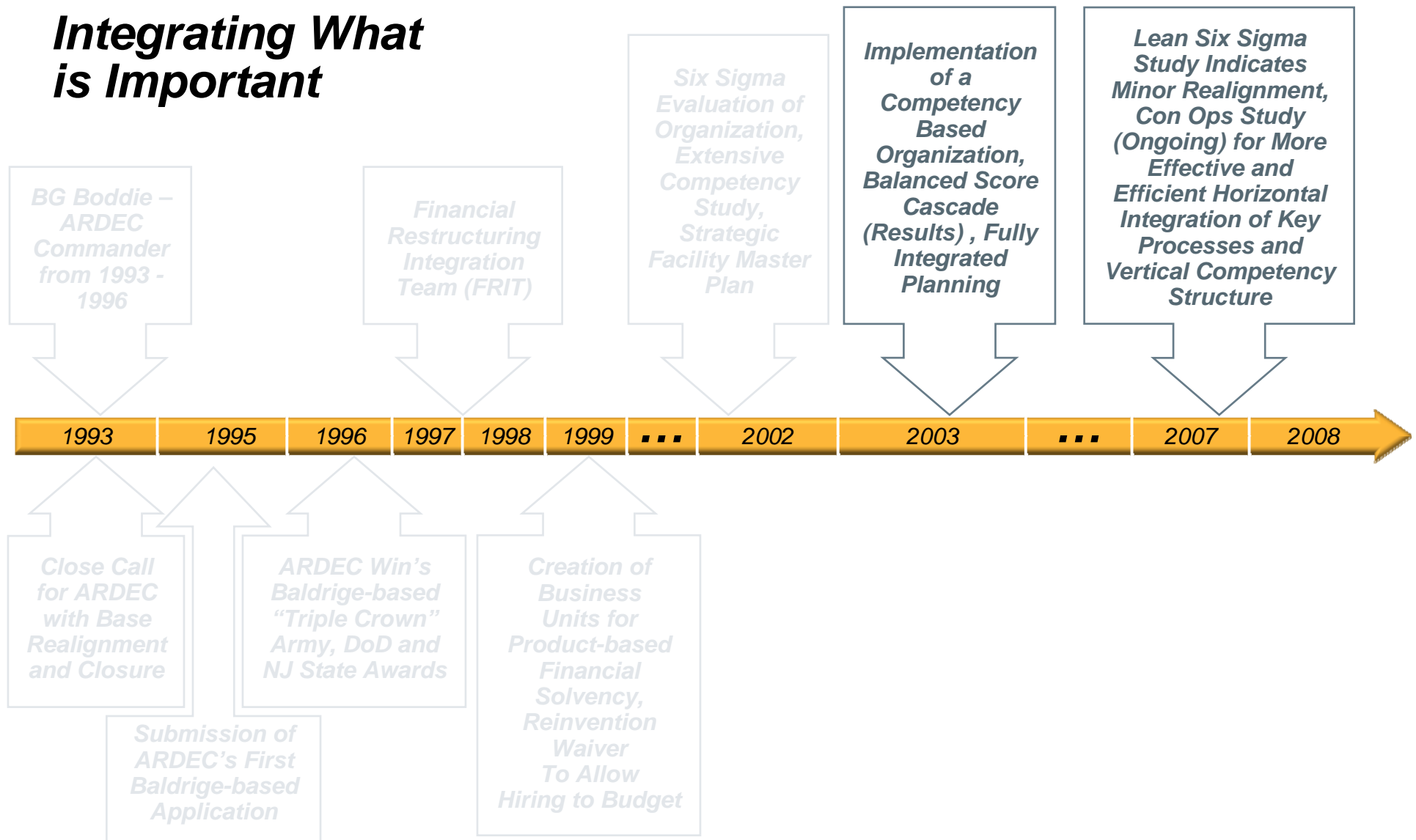
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Integrating What is Important

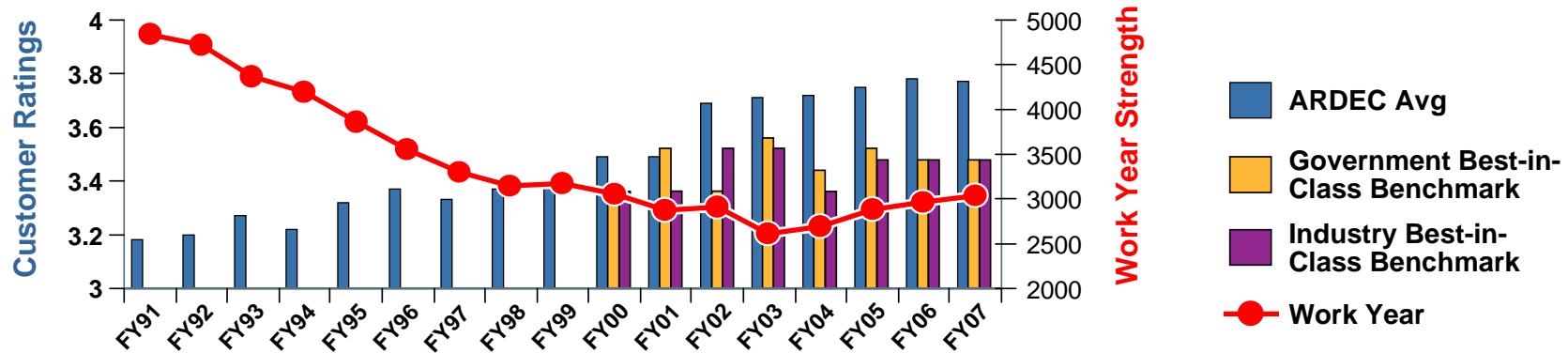


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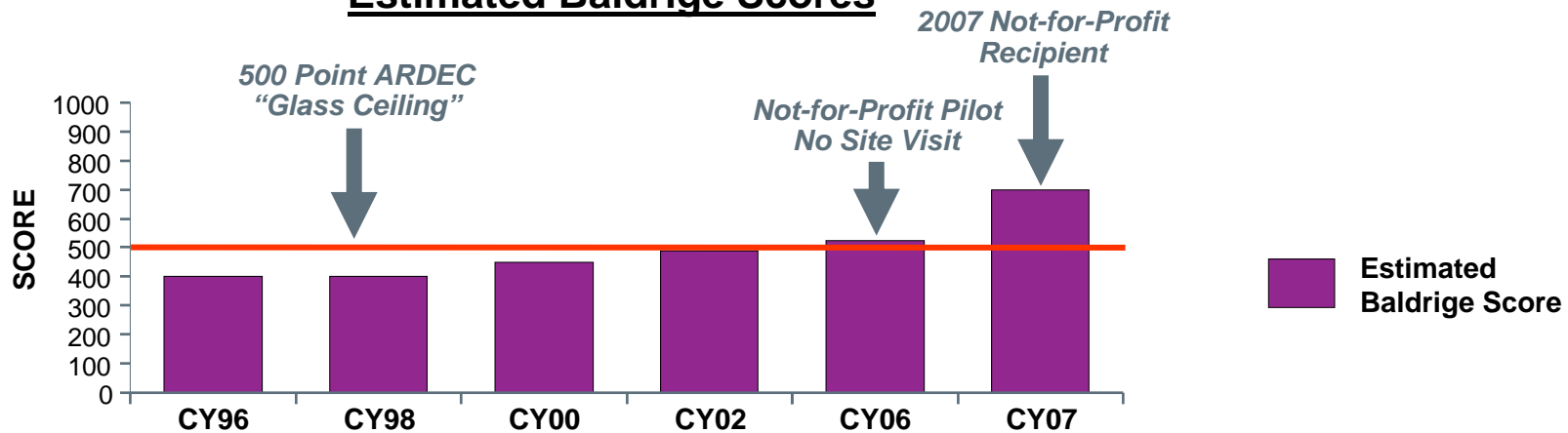
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Integrating What is Important for Optimum Results

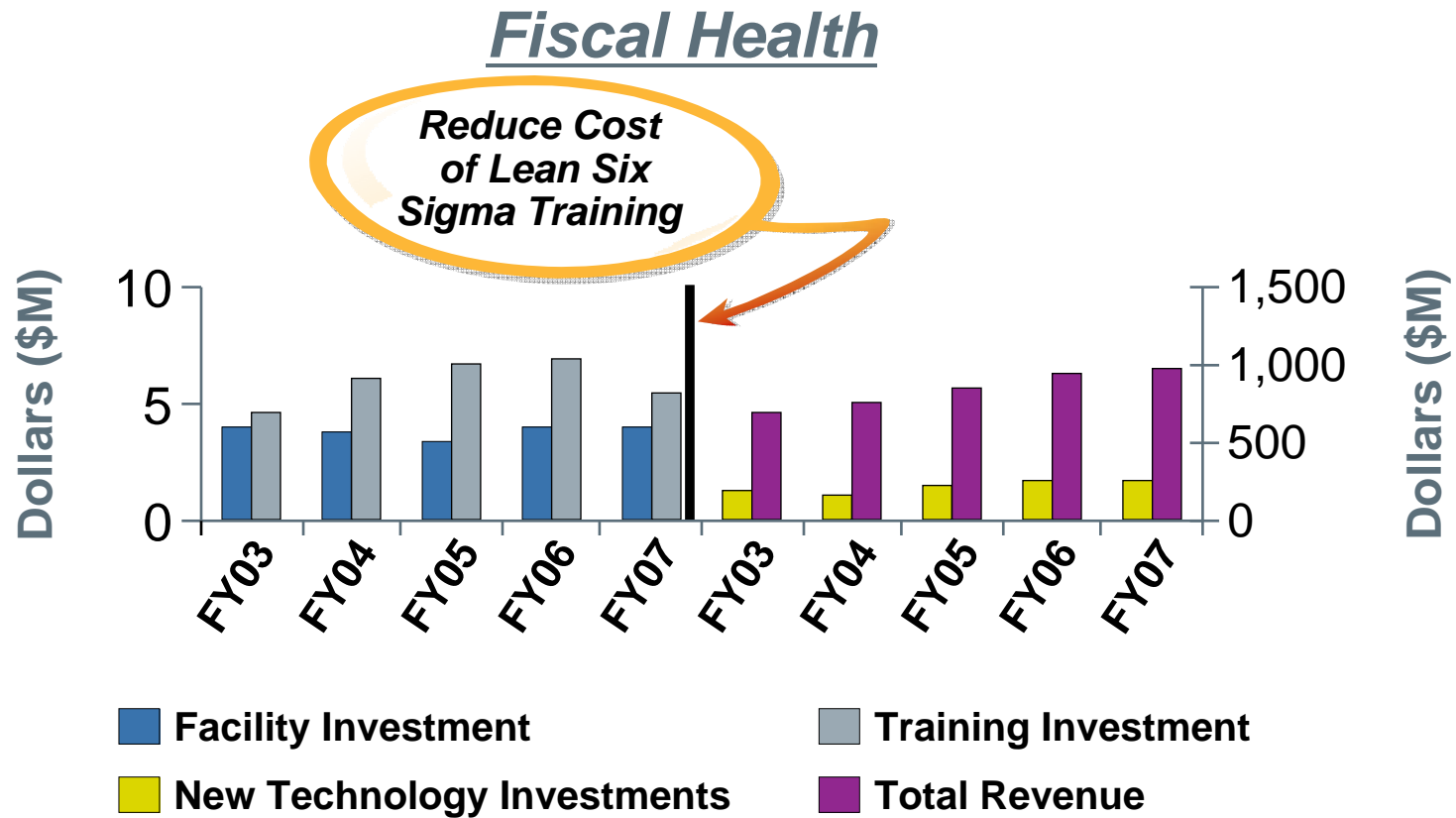
ARDEC Customer Ratings, Benchmarks & Work Years



Estimated Baldrige Scores

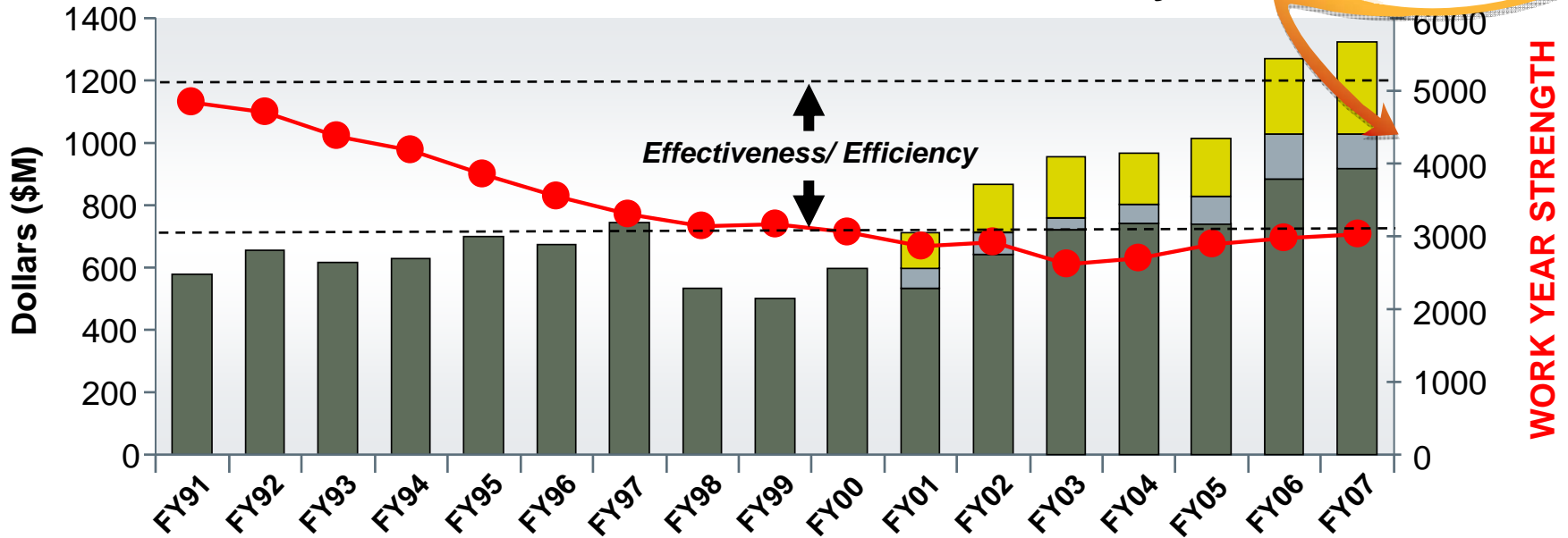


Integrating What is Important for Optimum Results



Integrating What is Important for Optimum Results

FY91- FY99 Revenue and Work Year Analysis



Army
 Non-Army
 Carryover
 Work Year

*Diversity in Markets
Integrated Business Development*

*Carryover Supports
Business Sustainability*

Productivity, Effectiveness, Efficiency



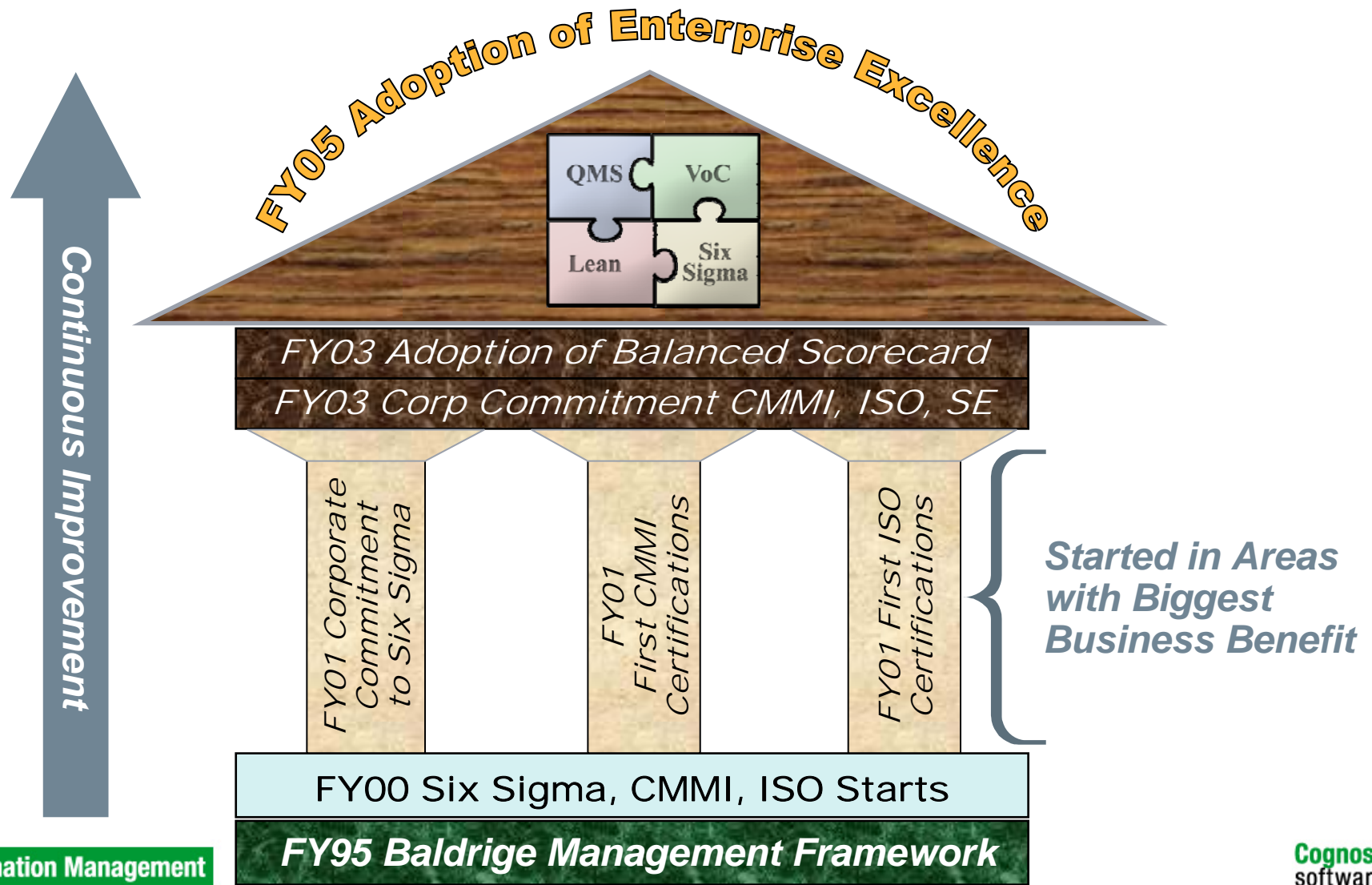
Summary of Critical Success Factors

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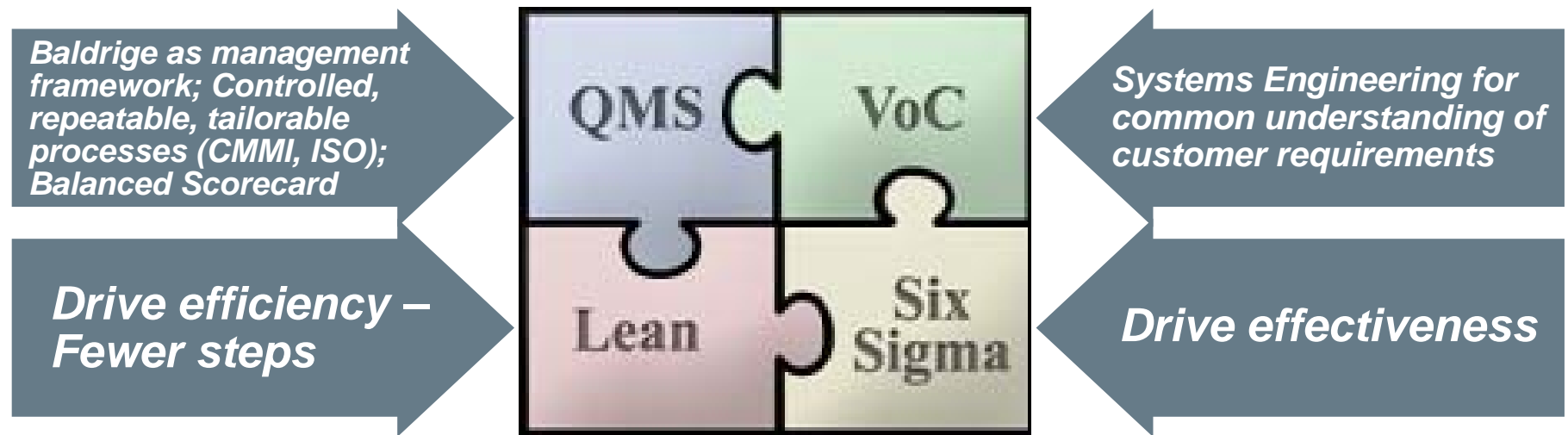
Enterprise Excellence Integrates Best Practices



ARDEC Enterprise Excellence

Do Things Consistently

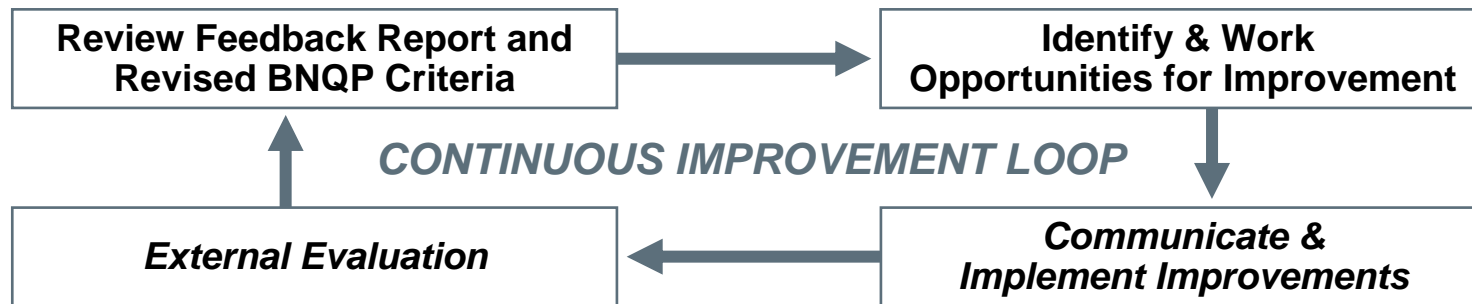
Do the Right Thing



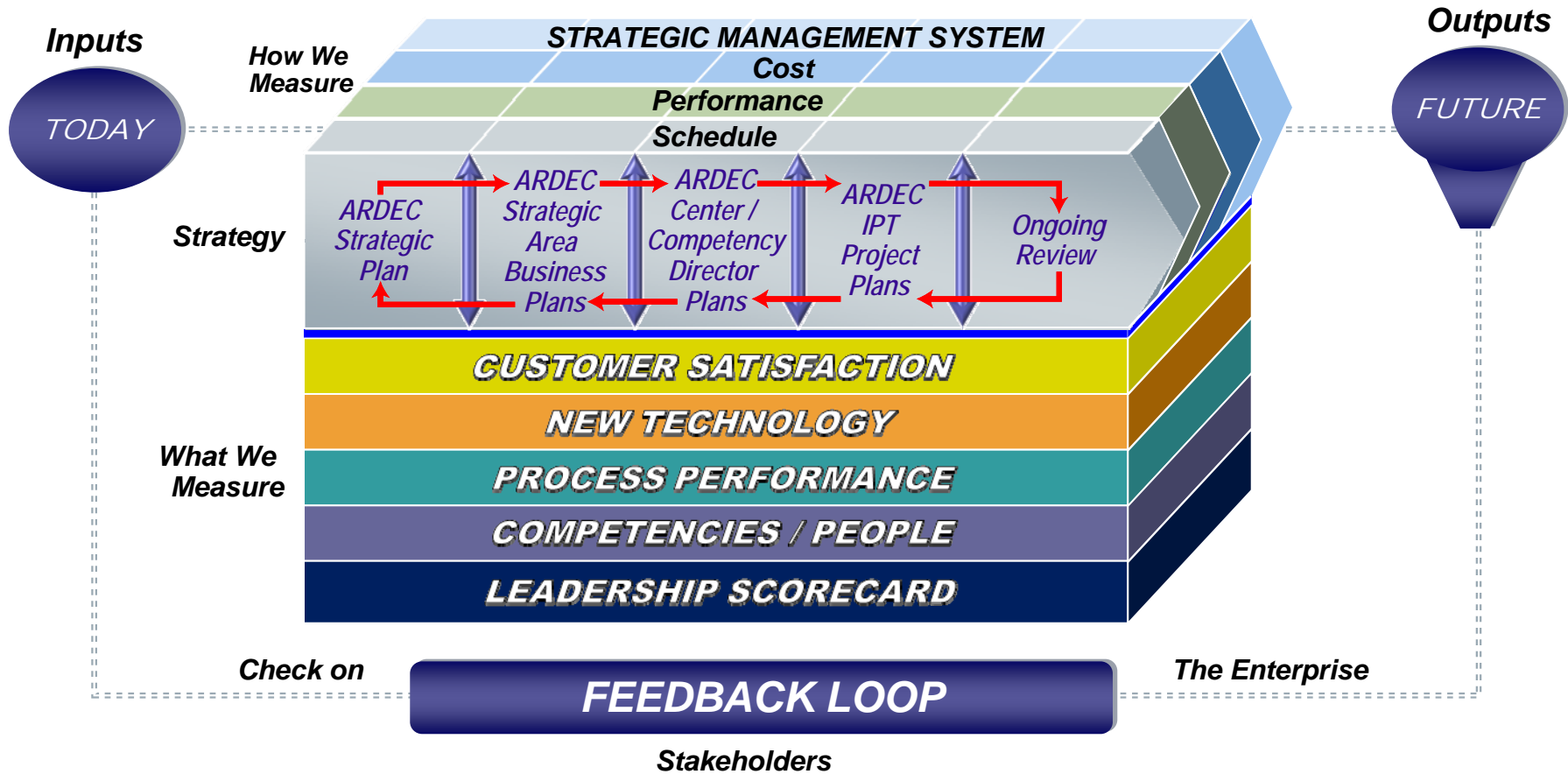
Do Things Right

ARDEC Leadership Walks the Talk – Director's Black Belt Project

Baldrige as Management Framework Of QMS

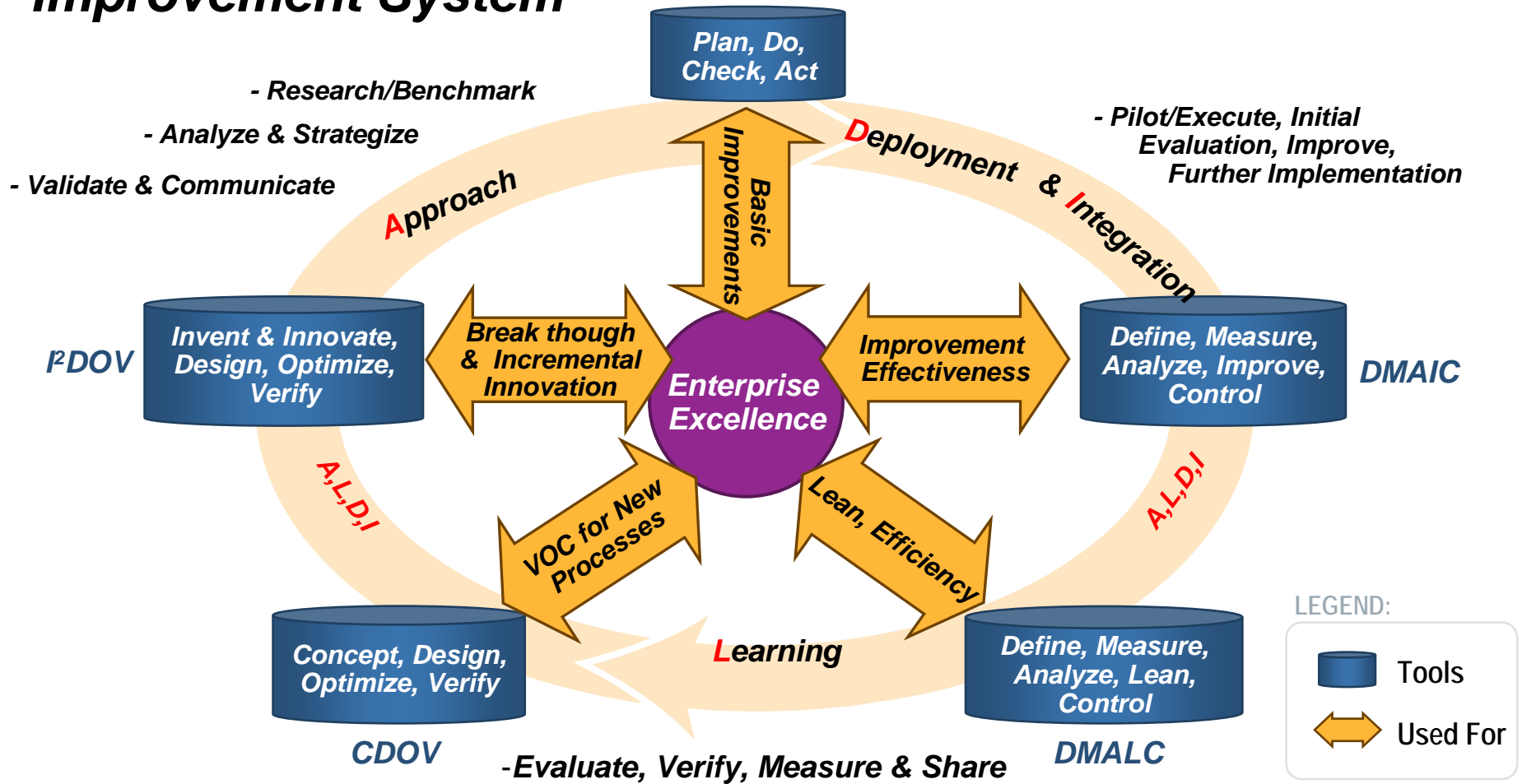


Integrated & Aligned Planning & Results



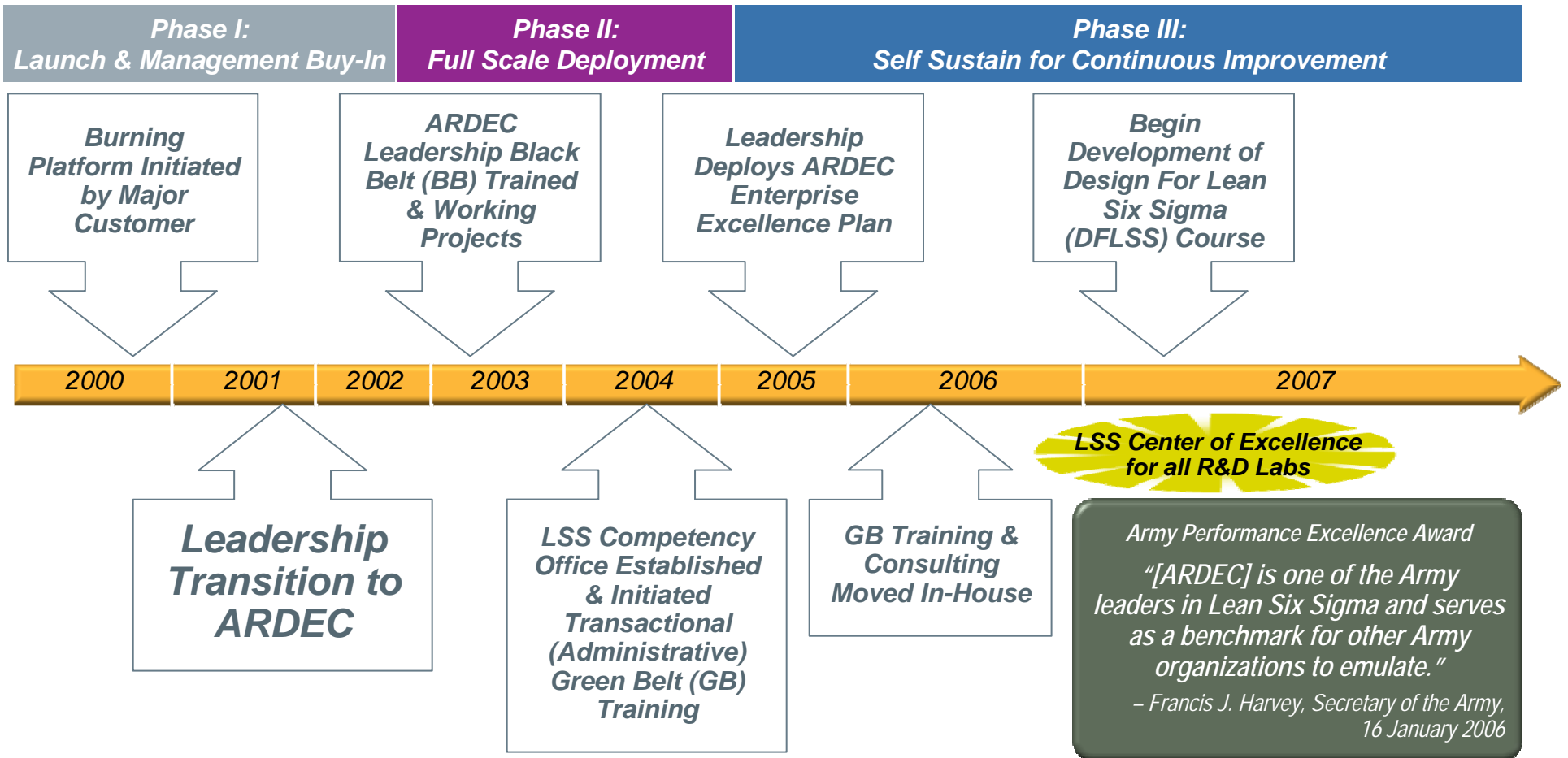
Workforce has a Clear Line-of-Sight of What is Important

Improvement System



The Right Tool at the Right Time to Do it Right the First Time

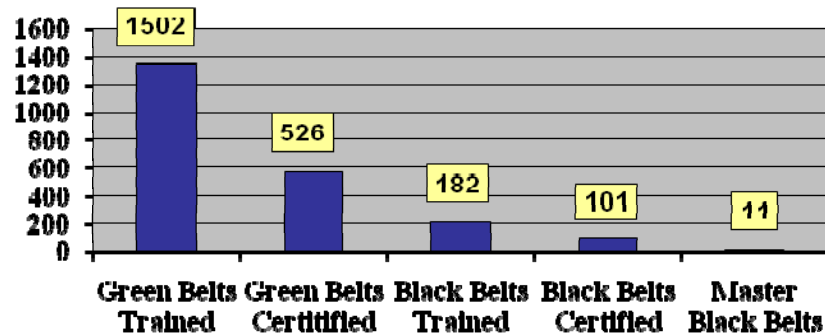
Path to Optimum Results



Our Six Sigma Journey Continues...

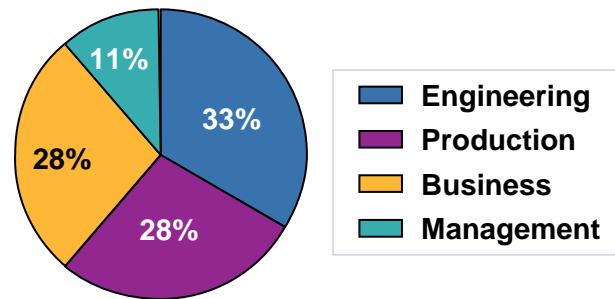
Lean Six Sigma Results

Training and Certification



Fiscal Year	ARDEC Cost Benefit / Avoidance (\$M)
FY01	\$37.76
FY02	\$1,511.43
FY03	\$670.12
FY04	\$105.17
FY05	\$541.73
FY06	\$58.04
FY07	\$300.10
FY08	\$280.10
Total	\$3,224.35M

Processes Impacted by LSS Projects



Q\$SR Improvements:

- Quality (91%)
- co\$t (70%)
- Schedule (67%)
- Risk (84%)

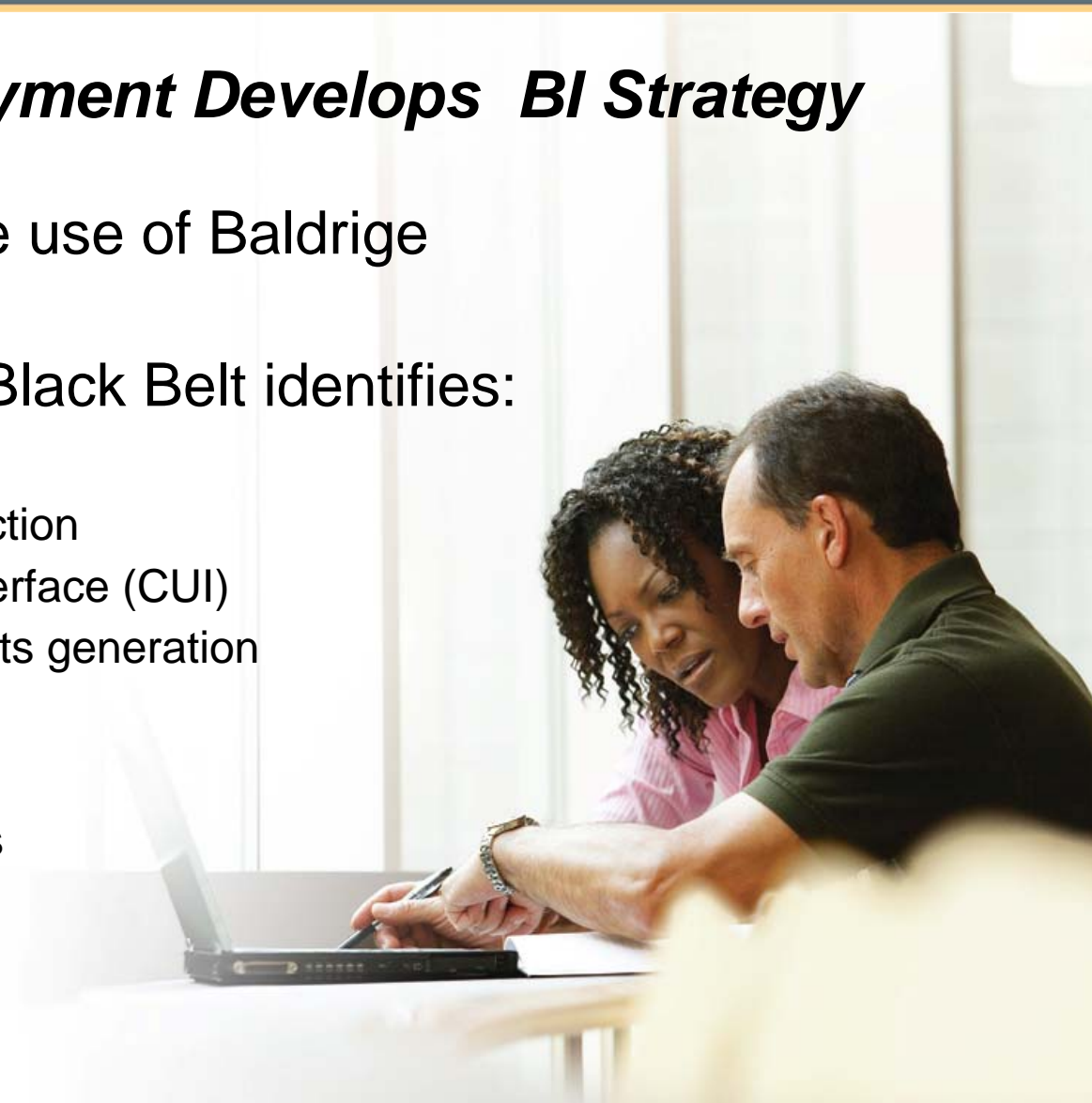
By Baldrige Category

	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Total
Green Belt - Completed	2	8	1	5	17	112	145
Green Belt - On-going		4	4	22	13	155	198
Black Belt - Completed			2	1	7	33	43
Black Belt - On-going	3	1		5	5	31	45
TOTAL	5	13	7	33	42	331	431

ARDEC Actively Leans Our Lean Six Sigma

FM's 6 Sigma Deployment Develops BI Strategy

- Discovery through the use of Baldrige and 6 Sigma
 - Director's 6 Sigma Black Belt identifies:
 - Problems:
 - Low customer satisfaction
 - No Common User Interface (CUI)
 - Disjointed requirements generation
 - Challenges:
 - Non-System owner
 - User adoption BI tools
 - Complex workflows
 - Report quality



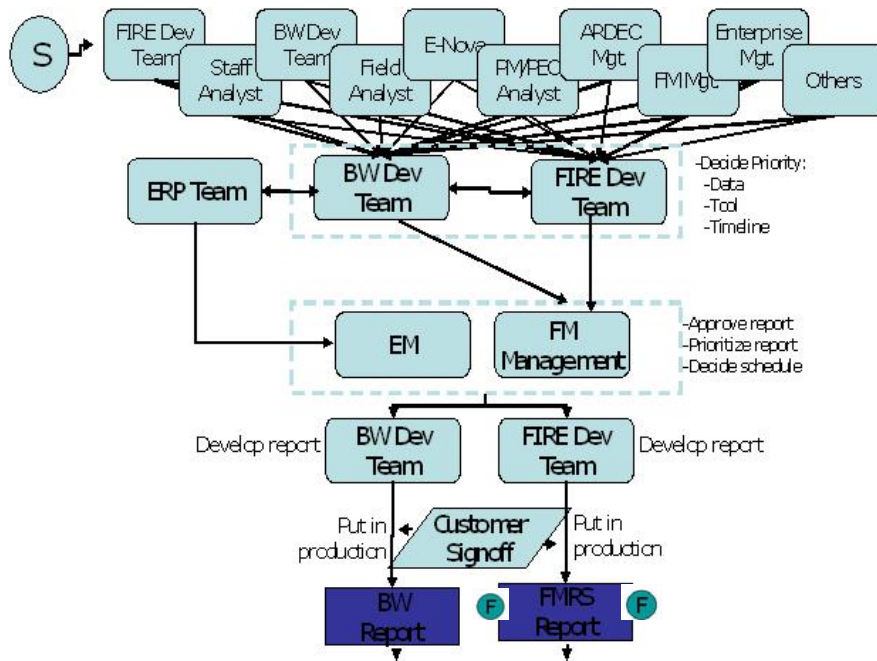
BI Strategy Evolves

- 2 Green Belt Projects spawned from Black Belt results:
 - CUI – Financial Integrated Reporting Environment (FIRE)
 - SAP Integration
 - SAP and Cognos portals used to integrate SAP BW w/Cognos as single repository
 - Upgrade to Cognos BI v 8.3 w/features designed specifically to broaden adoption
 - User driven report building, self-service query building, browser-based interfaces
 - BICC – Financial Management Requirements Panel (FMRP)
 - Best practice propagation
 - Non-ownership of ERP system still exists
 - FBI staff dedicated part time to internal BI consultancy and creation/ dissemination of best practices
 - Standardized report creation

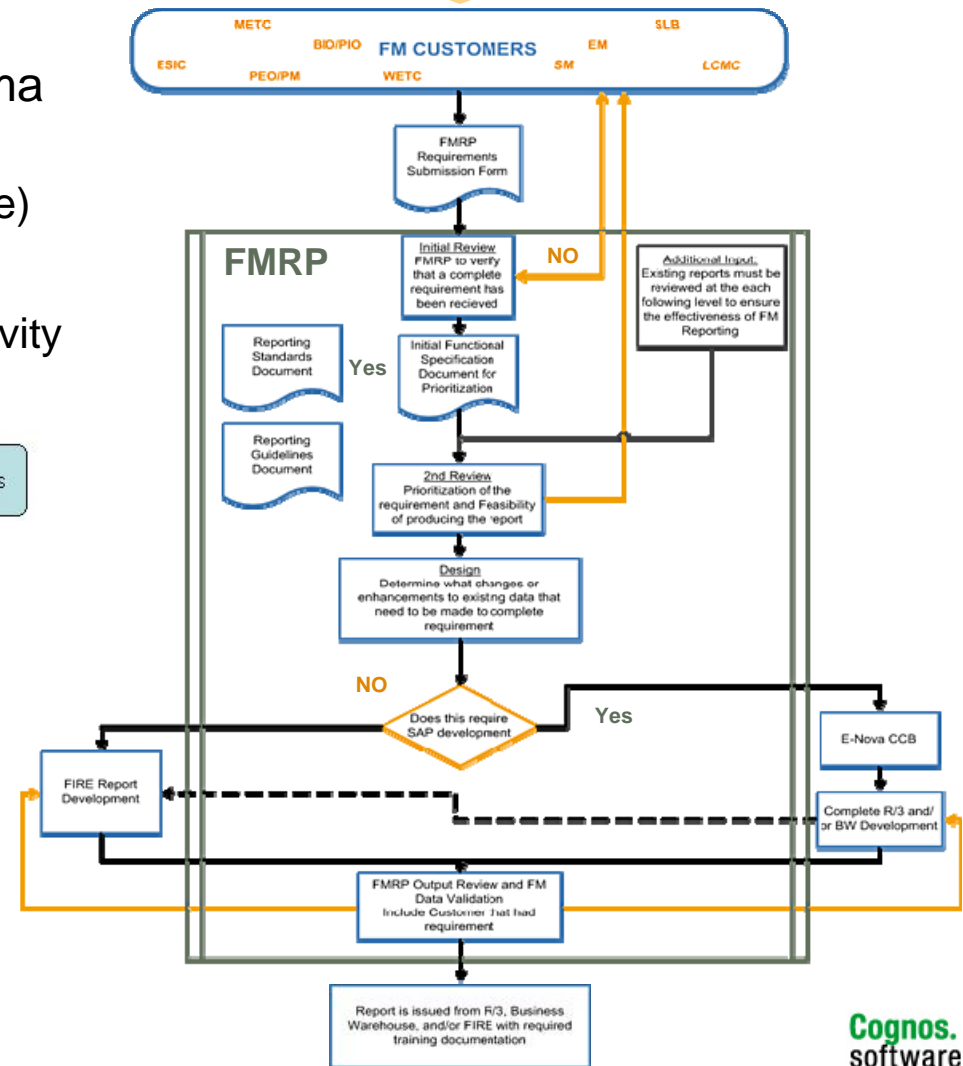


BI Benefits

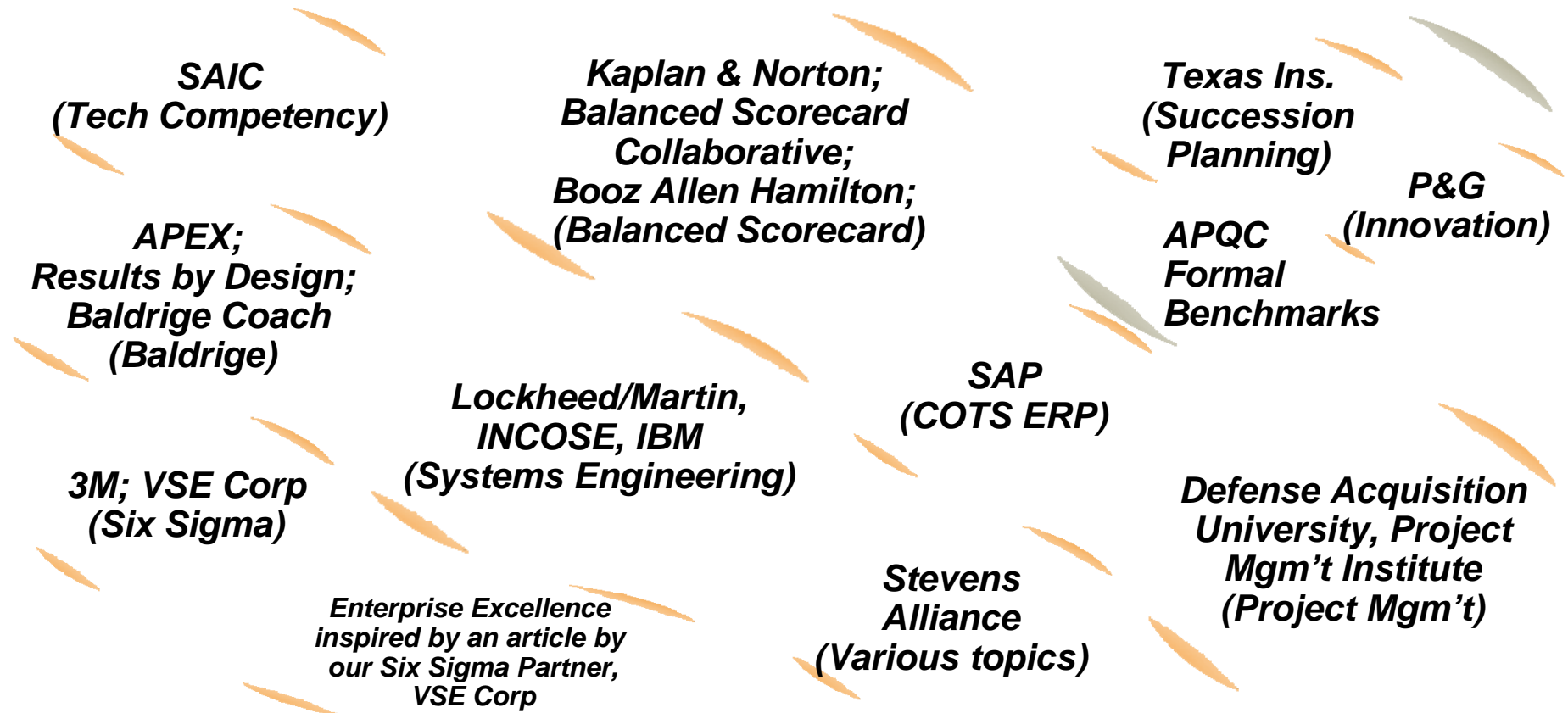
- Tangible Business Value
 - Return on Investments per 6 Sigma
 - CUI = \$208K year (cost avoidance)
 - BICC = \$265K year (cost avoidance)
 - Nucleus Research study
 - ROI = 146% @yr increase productivity



Financial Management Requirements Process (FMRP) Map



Learn from Others Adopt Industry Best Practices



**Recent member of Baldrige Award Recipients Consortium,
The Association for Strategic Planning**



RDECOM



*Where we
are **TODAY***

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ARDEC - the Role Model

Role Model

- Competency Management
- Learning Organization
- Knowledge Management
- Process Management
- Enterprise Excellence
- Human Capital
- Innovation
- Strategy
- Business Intelligence



Evidenced By

- No Known Peer
- 6th of 102 ASTD International
- Armaments Knowledge Base
- CMMI Maturity Level 5
- APQC Business Process Management Best-in-class
- \$3.2 Billion Impact
- 2007 MBQA Recipient
- Top 10% in Overall Talent Maturity
- 13 Soldier Choice Awards
- Top 15% in Innovation
- Goodman Award
- 2009 Gartner Business Intelligence Excellence

*First Federal
Co-share First
Non-Profit*

First Federal

The Cycles of Refinement Continue

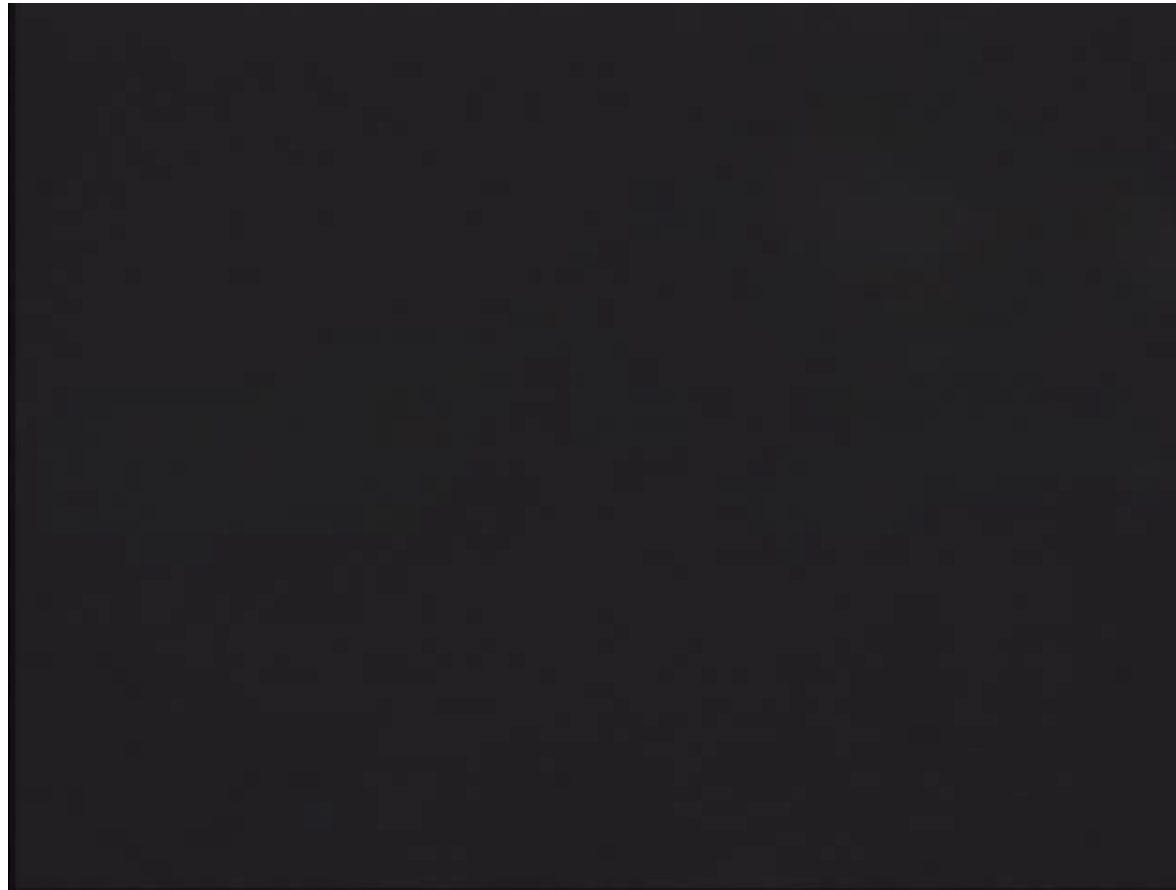
What's Next for BI

- New Chapter
 - Extending BI to the entire site (650 to 3,500 users)
 - Increase use of time-dimensioned role based, self-serviced dashboards and scorecards
 - Performance Management Black Belt project for Senior Leaders dashboard
 - Increasing the use of alerts to dashboards, blackberries, emails and cell phones
 - Increase use and initiate changes based on user and system statistics and analyses which will be accomplished by the use of Genware.
 - Consolidation of current reports for a more effective product by a more efficient use of PM/BI/IT resources.

Additional projects identified weekly.....



Why This is Important...



Warfighters' lives and the security of our Nation depend on our innovation, rapid response and quality of our products...

