

Baldrige Cybersecurity Excellence Builder

Based on the Framework for Improving Critical Infrastructure Cybersecurity

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NIST
National Institute of
Standards and Technology
U.S. Department of Commerce

Baldrige Program Overview

[Baldrige Performance Excellence Program](#)

- 1980's saw a growing need to improve quality-driven productivity within the United States
- Program est. by Congress in 1987 to recognize companies for and share their best practices in quality and business performance
- The only public-private partnership, Presidential award, and education program dedicated to improving quality and promoting performance excellence
- Established and maintains globally recognized standard of organization-wide excellence.
- Also offers self-assessment tools, collaborative third party reviews, and
- Executive and leadership development centered around dialogue with peers and sharing of best practices

Baldrige Accomplishments

The ratio of the Baldrige Program's benefits for the U.S. economy to its costs is estimated at **820 to 1.**

2010–2015 award applicants represent

567,434 jobs,

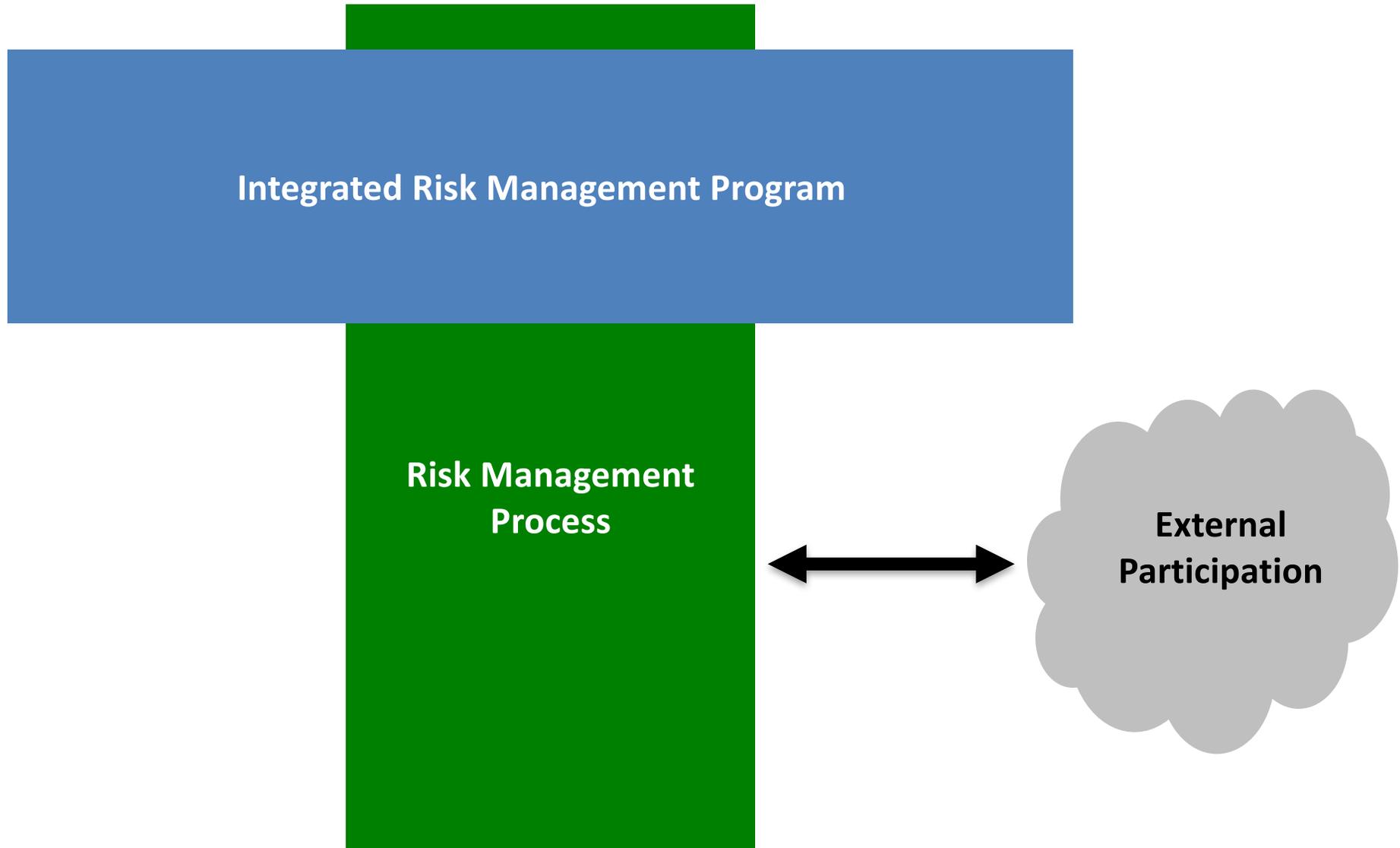
2,665 work sites, over \$142 billion in revenue/budgets, and about 449 million customers served.

109 Baldrige Award winners serve as national role models.

349 Baldrige examiners volunteered roughly **\$5.3 million** in services in 2015.

State Baldrige-based examiners volunteered around **\$30 million** in services in 2015.

Key Properties of Cyber Risk Management



Cybersecurity Framework Implementation Tiers

	1	2	3	4
	Partial	Risk Informed	Repeatable	Adaptive
Risk Management Process	The functionality and repeatability of cybersecurity risk management			
Integrated Risk Management Program	The extent to which cybersecurity is considered in broader risk management decisions			
External Participation	The degree to which the organization benefits my sharing or receiving information from outside parties			



NIST Baldrige Excellence Builders

[Baldrige Cybersecurity Excellence Builder](#)

Manufacturing

Service

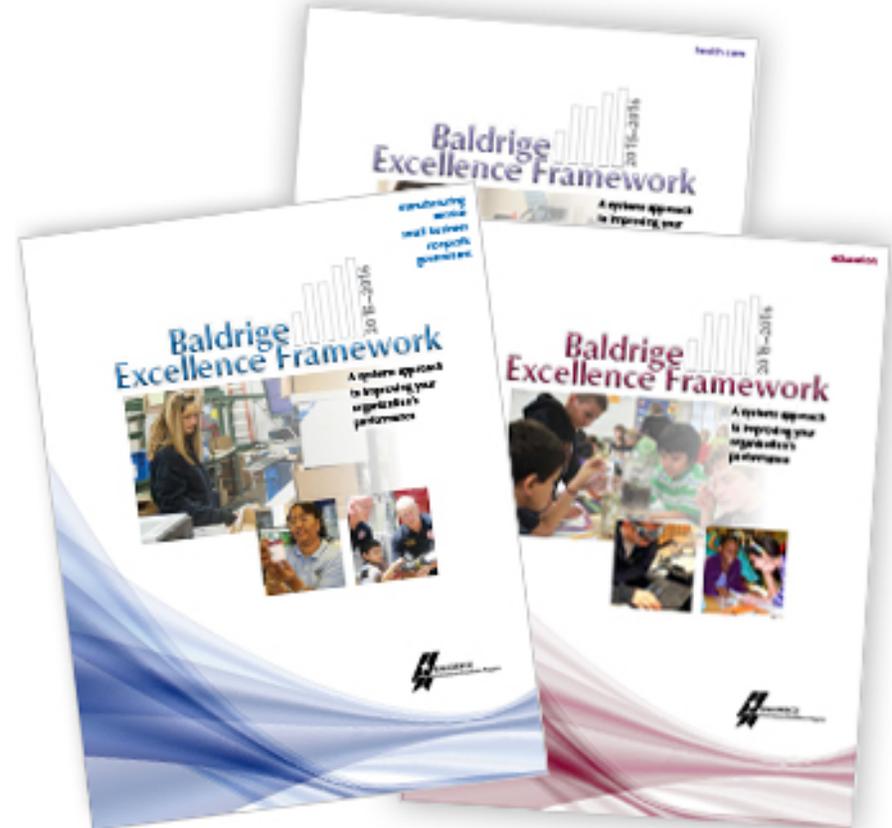
Small Business

Education (1999)

Healthcare (1999)

Non-profit (2007)

Cybersecurity (2016)



“There is no question that setting the bar high by using the Baldrige Criteria and seeking this award made an enormous difference in our performance. The results show that we've outgrown our target competitors, exceeded margin expectations, and built a great workforce.” - Scott McIntyre, Managing Partner, PWC Public Sector Practice

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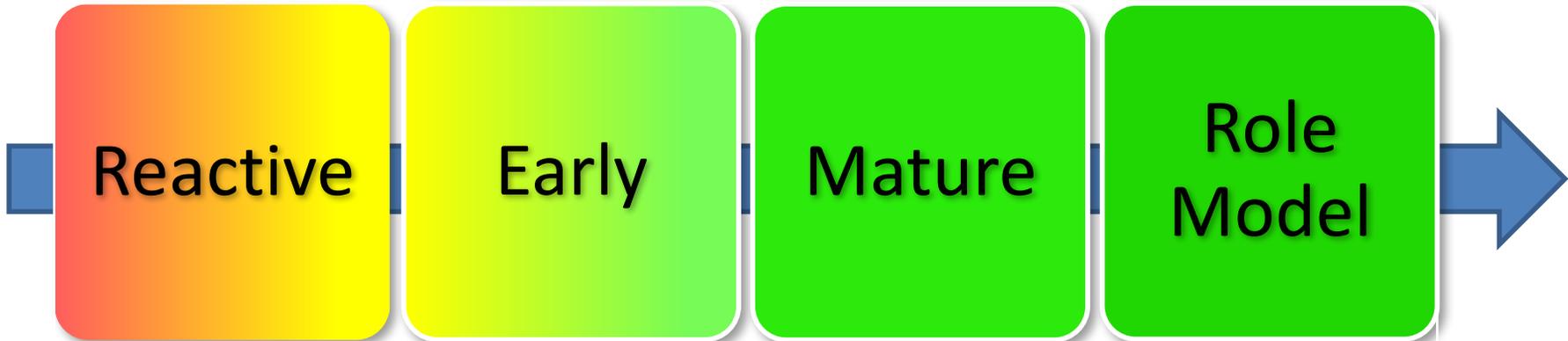
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Enabling a Systems Perspective

- Questions in the BCEB are written and organized so as to identify linkages, inter-relationships, and dependencies
- Facilitates systems perspective and drives alignment and integration
- Helps an organization manage all areas affected by cybersecurity as a unified whole.



BCEB Process and Results Maturity Model



Processes

(A) Approach, (D) Deployment, (L) Learning, (I) Integration

Results

(L) Levels, (T) Trends, (C) Comparisons, (I) Integration

Resources

Where to Learn More and Stay Current

NIST Computer Security Division Computer Security Resource Center is available at <http://csrc.nist.gov/>

The *Framework for Improving Critical Infrastructure Cybersecurity* and related news and information are available at www.nist.gov/cyberframework

More details about the Baldrige Performance Excellence Program are available at <https://www.nist.gov/baldrige>

The *Draft Baldrige Cybersecurity Excellence Builder* is available at <https://www.nist.gov/sites/default/files/documents/2016/09/15/baldrige-cybersecurity-excellence-builder-draft-09.2016.pdf>

For additional Framework info and help cyberframework@nist.gov