

CONNECTING SPENDING TO METRICS

DR. LINDA L. BAER

I4 SOLUTIONS



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**Building Institutional Readiness
for Data Analytics**

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INVESTING IN ANALYTICS

- Invest time in understanding the art of the possible and competitive benchmarking.
- Correlate business analytics activities with strategic objectives and clear performance metrics
- Establish cross-functional inventory of all student/performance-based tools, vendors, products and reports.
- Develop/update a three-year road map aligned with the overall strategic plan, accepted by all stakeholders.

KEY COMPONENTS TO CONSIDER FOR ANALYTICS INVESTMENTS

■ People

- Produce
- Consume
- Enable
- Envision
- Collaborate

■ Processes

- Organic part of decision processes
- Quality standards created through the governance process
- Don't stifle innovation
- Connect with policies and practices

■ Platform

- Common information infrastructure
- Collaborative spaces
- Variety of analytic and decision-support capabilities
- Integration from multiple data sources

■ Product

- Desired outcomes
- Gap analysis
- Feed-back loops
- Assessment & Research Model

COST/BENEFIT/ROI

- Personnel
- Software
- Hardware
- Proposed Solution Costs
- As-Is Solution Costs
- Direct Benefits
- Indirect Benefits- forecast potential benefits from proposed solution
- Value Proposition summarizes all key indicators

PERSONNEL

Short Term

- Scope
- Design
- Maintenance
- Development
- Administration
- Testing
- Rollout
- Training
- Collaboration

Long Term

- Training
- Rescoping
- Upgrades
- Enhancements
- Collaboration
- Next gen planning

SOFTWARE AND HARDWARE

Software

- Licenses
- Maintenance

Hardware

- Servers
- Storage
- Networking

PERFORMANCE METRICS

Student Level	Course Level	Institutional Level
Persistence	Progress	Enrollment
Completion	Milestones	Retention
Milestones	Completion	Completion
Adequate Progress	Sequencing	Graduations rates
Student Success Road Map	“DFW” rates	Job/Career Placement
	Success in next course	Adequate Progress
Tuition		Developmental Success
Cost per Student	Cost per Course	Cost/Benefit ROI
Interventions	Interventions	Interventions

BUILD, BUY, BUDDY, BORROW?

- What are you seeking?
- What do you already have?
- Where do you want to go next?
- What options work best?
- What is the short term and long term strategy and plan?