Using Technology to Manage Large-Scale Assessment

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How Can I…..

… know if my programs are effective?

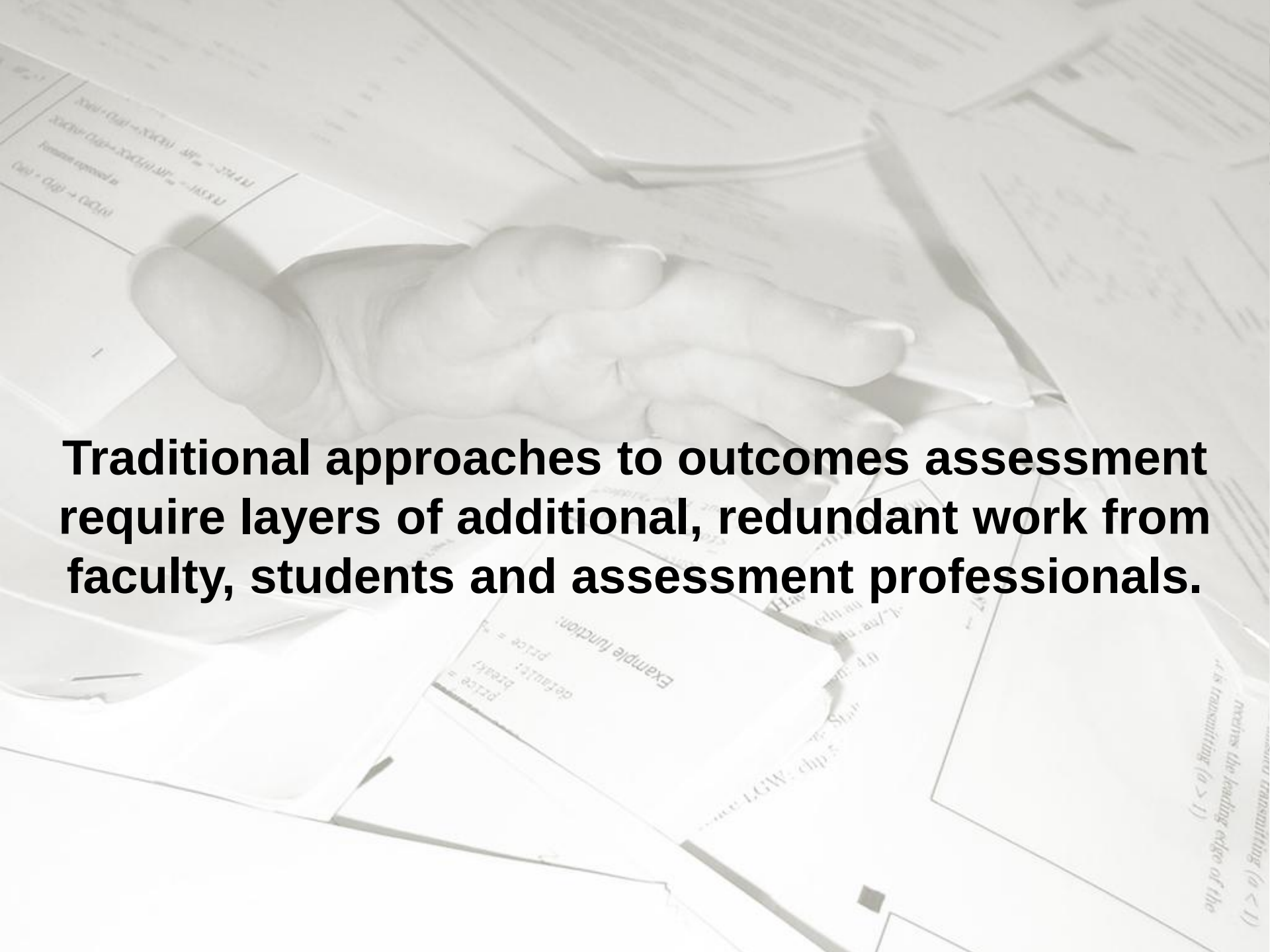
…leverage insight to make improvements?

…secure the buy-in of faculty and staff?

…support accreditation efforts?

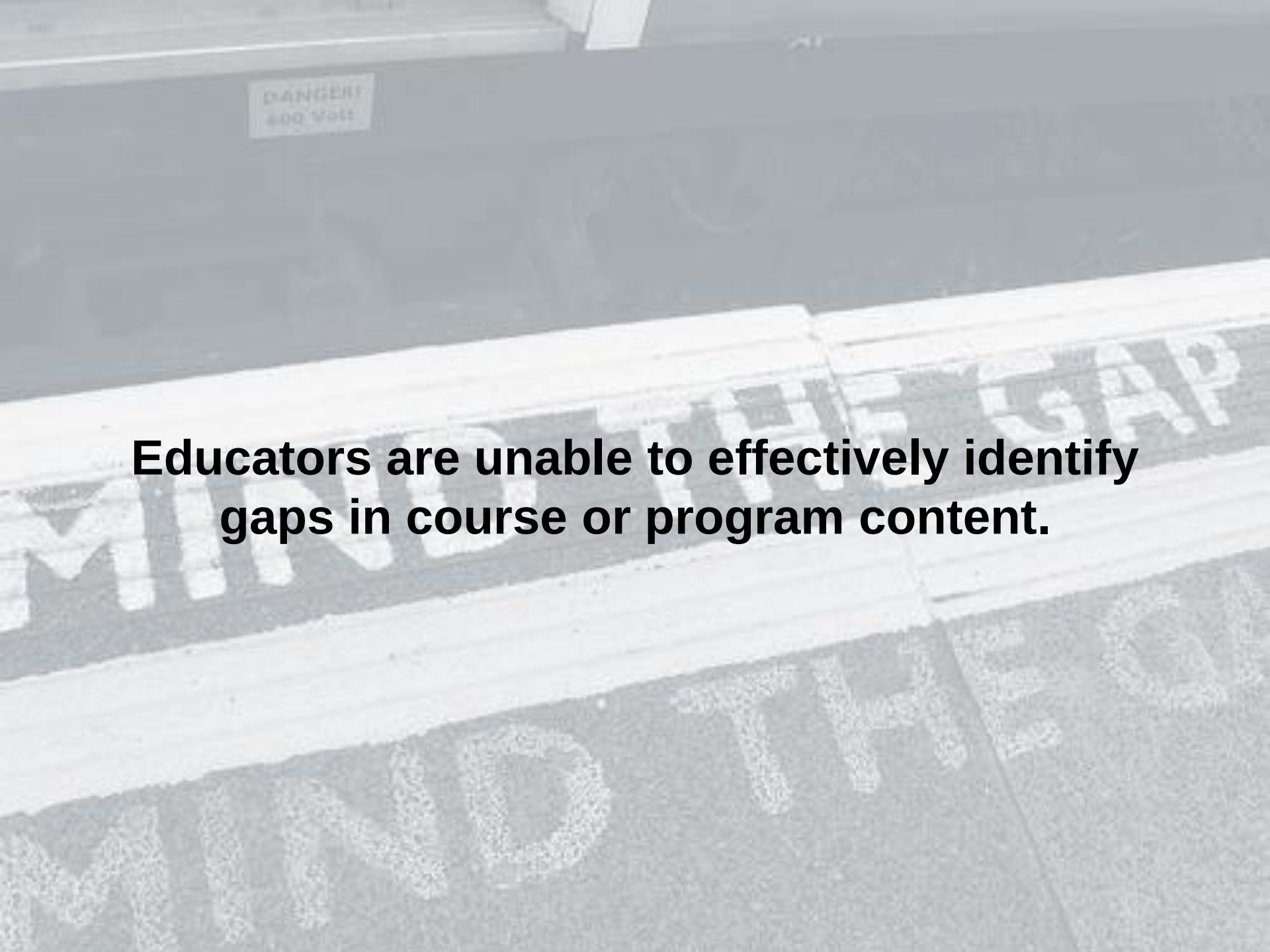
…streamline the assessment process?

Challenges



Traditional approaches to outcomes assessment require layers of additional, redundant work from faculty, students and assessment professionals.

Course content could be missing the mark in terms of aligning with learning outcomes



Educators are unable to effectively identify gaps in course or program content.

Assessment coordinators face challenges around the compilation & analysis of resulting data

Outcomes Assessment = **Systematic collection of information about student learning, using the time, knowledge, expertise and resources available in order to inform decisions about how to improve learning.**

Assessment
Accreditation
Improvement

What is Embedded Assessment?

Identifying assignments or other student performances in the **existing curriculum** (course sections) that are presented and graded normally, but from which staff may **also collect & evaluate student work** products in support of **program or institutional outcomes assessment** for the **purpose of improvement**

Benefits of Embedded Assessment

- Aligned to existing curriculum
- Faculty effort lower & use of results is higher
- Course-level evaluation can serve double-duty
- Program- or institution-level collection & assessment much easier
- Authentic assessment
- Students motivated to provide best work
- Supports better collaboration & planning
- Can support analysis at course, program, and institution levels

Blackboard Learn for Outcomes Assessment

- Supporting institutions in the assessment of their program and institutional performance for accreditation & continuous improvement

- Supporting Capabilities
  - Learning Outcomes
  - Rubrics
  - Direct & indirect measurement
  - Reporting
  - Integration with Blackboard Learn

UNIVERSITY OF KENTUCKY

General Education Assessment

A New General Education Program

- 2008
- Embedded assessment
  - Authentic assessment
  - Encourages the students' best work
  - Directly aligned to program learning outcomes
- 30,000 assessable student work assignments per year

Partner with IT

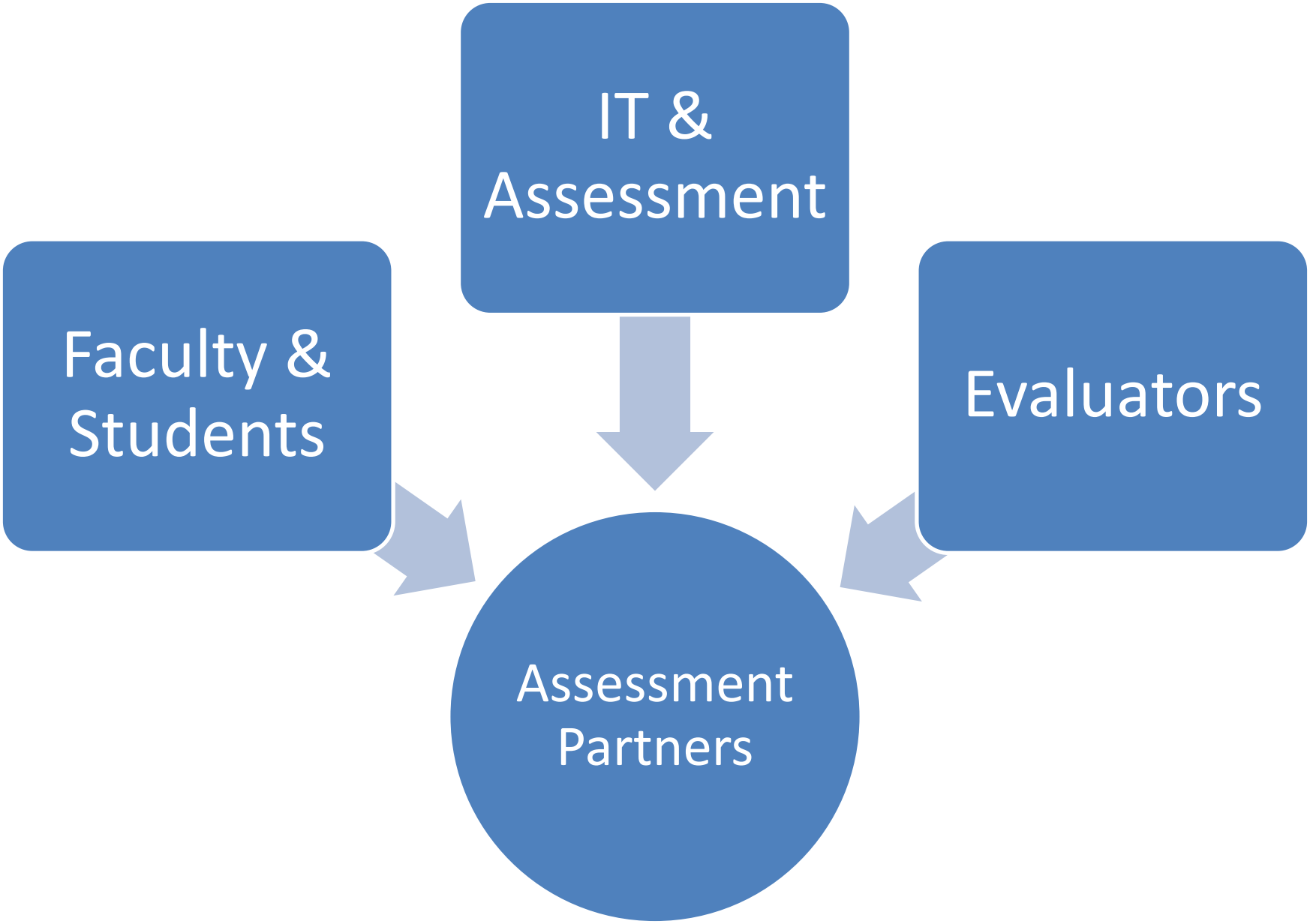
- Gather evidence directly from the courses
- Paperless
- Non-intrusive for faculty and students

Solution = Bb Outcomes

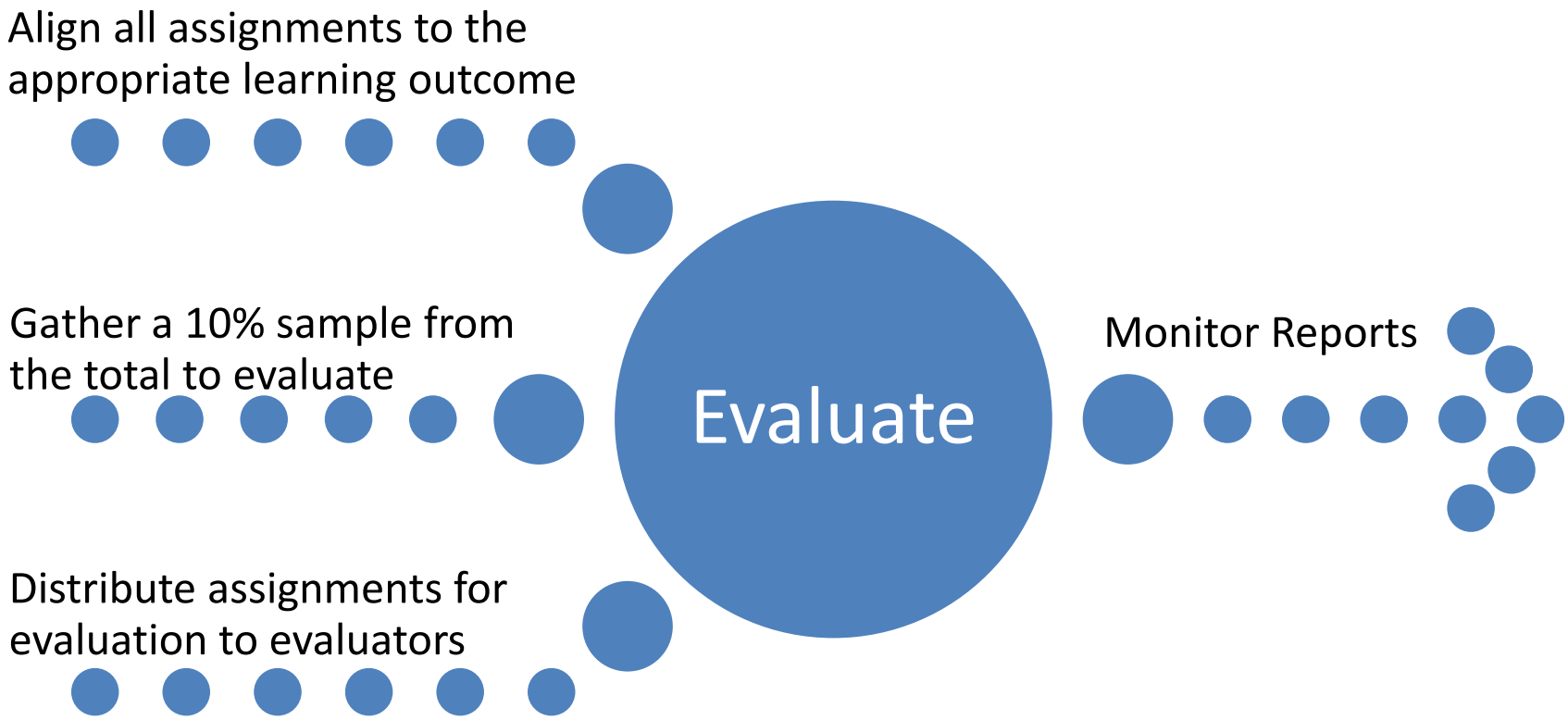
- No other products focusing on large-scale assessment at the program level
- Integrated easily with Bb Learn
- Moving in the direction that we wanted to go

Beginning the 3rd Round of Assessment

- Piloted the system in Fall 2010
- Completed UK Core Assessment in Fall 2011
  - LO #2 – Communication & Composition
  - LO #4 – Citizenship
- May 2012 – UK Core Assessment Institute
  - LO #1 – Inquiry (4 areas)
  - LO #3 – Quantitative Reasoning (2 areas)


IT &
Assessment
Faculty &
Students
Evaluators
Assessment
Partners

Assessment Process



Inter-Rater Reliability

- 10% of all the evaluated assignments were assessed twice in order to determine inter-rater reliability

The Evaluator View

Evaluate

Page 1 of 3

Item Name	Student Name	Date Collected	Evaluation Status	Evaluation Date	Evaluated by
Assignment Four (Mock Trials)	Student Assignment	8/18/11 9:52 PM	Not Started	--	--
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Assignment Four (Mock Trials)	Student Assignment	8/18/11 9:52 PM	Not Started	--	--
Final Essay Tool for turning in	Student Assignment	8/18/11 5:43 PM	Not Started	--	--
Final Essay Tool for turning in	Student Assignment	8/18/11 5:43 PM	Not Started	--	--
Final Essay Tool for turning in	Student Assignment	8/18/11 5:43 PM	Not Started	--	--
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The Evaluator View

Evaluate C&C 1 for Student Assignment

General Information | Alignments

Title	C&C 1
Course	Asmt-Offc: Assessment Office Practice Shell (Asmt-Offc)
Status	Evaluated on Monday, March 26, 2012 11:46:25 AM EDT

Sample Information

Student	Student Assignment
Submission Date	10/13/11 12:55 PM
Submission Text	
Related Files	paper.pdf

Evaluate | Return to Listing | View Next

Evaluate Rubric: UK Core: Communication

	LEVELS OF ACH		
CRITERIA	4	3	2
Written Communication: Construct intelligible written communication using sound evidence and reasoning appropriate for the assigned rhetorical situation (audiences and purposes)	(0.0 Points) Writing is intelligible and is supported by sound evidence and reasoning appropriate to rhetorical situation	(0.0 Points) Writing is intelligible and has evidence and reasoning with minor weaknesses written communication is appropriate for rhetorical situation	(0.0 Points) Writing is mostly intelligible b lacks sound evidence or reasoning; communica is somewha appropriate rhetorical situation

Spring 2012 Evaluations

- 3 days of evaluation
  - Norm and evaluate with 2 rubrics per day
- 2 Student Learning Outcomes
  - Inquiry: 4 parts and 4 separate rubrics
  - Quantitative Reasoning: 2 parts and 2 separate rubrics
- Anticipate 950 total evaluations

Monitor Reports

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Fall 2011 UK Core Evaluations

Artifact Number	Reviewe	Eval Date	Score	Adj. Score	Workspace	Rubric Tit
_5638148_1		Nov 2, 2011 3:42 PM	0	2	Fall 2011 Citizenship Reviewer 16	UK Core: Citizen
_5638148_1		Nov 19, 2011 6:31 AM	3		Fall 2011 Citizenship Reviewer 15	UK Core: Citizen
_5638997_1		Nov 19, 2011 6:28 AM	2		Fall 2011 Citizenship Reviewer 15	UK Core: Citizen
_5639148_1		Nov 2, 2011 3:52 PM		2	Fall 2011 Citizenship Reviewer 16	UK Core: Citizen
_5639336_1		Nov 19, 2011 6:38 AM	2		Fall 2011 Citizenship Reviewer 15	UK Core: Citizen
_5639523_1		Nov 19, 2011 6:33 AM	2		Fall 2011 Citizenship Reviewer 15	UK Core: Citizen
_5639523_1		Nov 2, 2011 3:44 PM		3	Fall 2011 Citizenship Reviewer 16	UK Core: Citizen
_5639715_1		Nov 19, 2011 6:42 AM	3		Fall 2011 Citizenship Reviewer 15	UK Core: Citizen
_5639947_1		Nov 19, 2011 6:44 AM	2		Fall 2011 Citizenship Reviewer 15	UK Core: Citizen
_5639947_1		Nov 3, 2011 8:35 AM		3	Fall 2011 Citizenship Reviewer 16	UK Core: Citizen
_5640048_1		Nov 2, 2011 3:26 PM		3	Fall 2011 Citizenship Reviewer 16	UK Core: Citizen
_5640975_1		Nov 2, 2011 3:46 PM	0	2	Fall 2011 Citizenship Reviewer 16	UK Core: Citizen
_5641065_1		Nov 2, 2011 3:39 PM		3	Fall 2011 Citizenship Reviewer 16	UK Core: Citizen

Next Steps

- Report on results to relevant stake-holders
- Plan improvements for future assessments
- Previous improvements include:
  - Creation of an assessment academy
  - Modification of evaluation rubrics