



## Remote Moderation of E-portfolios for High Stakes Qualifications

Peter West - OCR

<http://www.ocr.org.uk/e-assessment>

Maureen Harrison - Digitalbrain

<http://eportfolio.digitalbrain.com>



## Pilot Project

- To use existing, well developed e-portfolio products
- 2 To extend the system to include OCR Moderator functionality
- 3 To conduct a comparative study of traditional paper based and remote moderation



## Pilot Subject

- GNVQ Science
- GCSE ICT



## Current paper-based system (School)

- 1 Students produce paper-based portfolio
- 2 Portfolio is marked by the Tutor
- 3 Candidate details and Marks are recorded
- 4 Record sheet sent to Moderator



## Current paper-based system (OCR moderator)

- 5 Moderator selects sample to be moderated and informs the school
- 6 School sends selected students' portfolios to the OCR Moderator
- 7 Portfolios are moderated
- 8 If necessary, steps 5-7 repeated



## Current paper-based system (OCR)

- 9 OCR Quality assurance process takes place
- 10 If necessary, mark adjustment takes place
- 11 Grade awarding process takes place
- 12 Grade notification and Certification



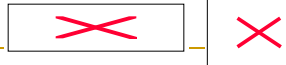


## Digitalbrain ePortfolio Manager

Providing internal/external assessment management against specifications or standards

Developed in collaboration with OCR

<http://eportfolio.digitalbrain.com>



## Key development objectives

- Mapping learning/skills to standards/specifications
- Security, rigour, authenticity
- Process for standardisation (control and management)
- External / remote moderation
- Lifelong learning



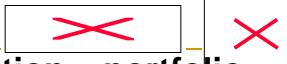
## Learning/skills mapped to standards/specifications

Activity	Assessment	Markbook	Markbook Feedback
11/12/2014 10:00:00 AM Information for use of the award of qualification	100	130/140	444 Comment View History View Submission
11/12/2014 10:00:00 AM Information for use of the award of qualification	100	130/140	444 Comment View History View Submission



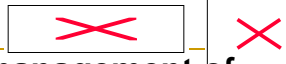
## Security – Rigour Authenticity

Date	Event
09 Feb 2014 @ 10:40	New Submission (Set as submission for marking)
09 Feb 2014 @ 10:55	Marked by Teacher 8/10
09 Feb 2014 @ 10:55	Comment Added
12 Feb 2014 @ 10:25	Moderator viewed for 8/10/14
12 Feb 2014 @ 11:33	Moderator viewed for 8/10/14
12 Feb 2014 @ 14:45	Moderator viewed for 8/10/14
12 Feb 2014 @ 15:34	Moderator viewed for 8/10/14

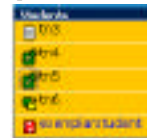


## Standardisation – portfolio management

Portfolio	Status	Mark	Comments
Portfolio 1	Under Review	100	
Portfolio 2	Under Review	100	
Portfolio 3	Under Review	100	
Portfolio 4	Under Review	100	
Portfolio 5	Under Review	100	
Portfolio 6	Under Review	100	
Portfolio 7	Under Review	100	
Portfolio 8	Under Review	100	
Portfolio 9	Under Review	100	
Portfolio 10	Under Review	100	





## One click management of portfolios of evidence



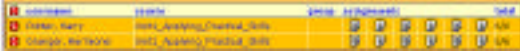

- users 'withdrawn' from course
- Portfolios 'under review'
- Portfolio moved to 'archive'
- Portfolios in moderation



Providing lifelong learning 'audit trail'



Defend Cambridge and RSA Examinations  


## External / Remote Moderation






Defend Cambridge and RSA Examinations  

## Lifelong Learning


- ePortfolio ownership resides with candidate
- ePortfolio managed by Centre/employer
- Archived for retrieval
- Links to all evidence – audited and managed





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## ePortfolio Manager


- Maps user evidence of achievements to specifications or standards
- Meets regulations for external assessment
- Cross references evidence from different sources to specifications and/or standards
- Internal standardisation
- Provides remote moderation





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## Benefits of ePortfolio


- Reduced assessment bureaucracy and workload
- Audit trail of 'work in progress'
- Wider/richer range of evidence
- Efficiency/cost savings – portfolio construction/postage/storage/time/resources/management
- Simplified standardisation and moderation procedures





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## ePortfolio applications


- Courses with evidence based assessment – GNVQ/coursework
- Internal standardisation
- Mapping of professional evidence against standards (e.g. Career entry/ threshold/ subject leader/ management)
- Work-based learning profiles
- Records of Achievement/National Progress Files
- Performance management



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## Evaluation study

UCLES  
Research and Evaluation Department  
(RED)





## Evaluation study

- Double moderation (blind)
- Student survey
- Tutor survey
- Moderator survey
- Evaluation report



**Peter West - OCR**

<http://www.ocr.org.uk/e-assessment>  
[west.p@ocr.org.uk](mailto:west.p@ocr.org.uk)

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