



Anglia Ruskin
University

Cambridge & Chelmsford

QlikView

**Using Qlikview for Student Reporting : A case study of the
implementation of an innovative reporting tool in an HEI**

**Mike Frost, Assistant Director of Finance
& David Davies, Director of Student Data and Funding**

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QlikView

**A New Generation of Reporting on
Student Registrations and Applications**

Mike Frost

Assistant Director of Finance

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Reporting Systems

Before

- We have always held significant quantities of data
- Often this data has been 'locked' away in systems and was difficult to extract
- The extraction process was complex and often required specialist knowledge of the system
- It was difficult to ensure that data was consistently extracted
- Consequently little use was made of existing data



Reporting Systems

After

- We still hold significant quantities of data
- This data has now been ‘unlocked’ – we have developed a data hungry culture.
- End users can now utilise powerful reporting capabilities to extract data without the need for specialist knowledge.
- We have now achieved ‘One version of the truth’ and ease of use.
- We now have easy access to information which supports our University in achieving its corporate objectives



Reporting Systems

Solution

- We were looking for a product that empowered our staff.
- Which offered a phased approach to implementation.
- Where value was quickly delivered to our University.
- Where implementation time was minimal.
- With an ability to support our University in a rapidly changing environment.
- With minimal project risk.



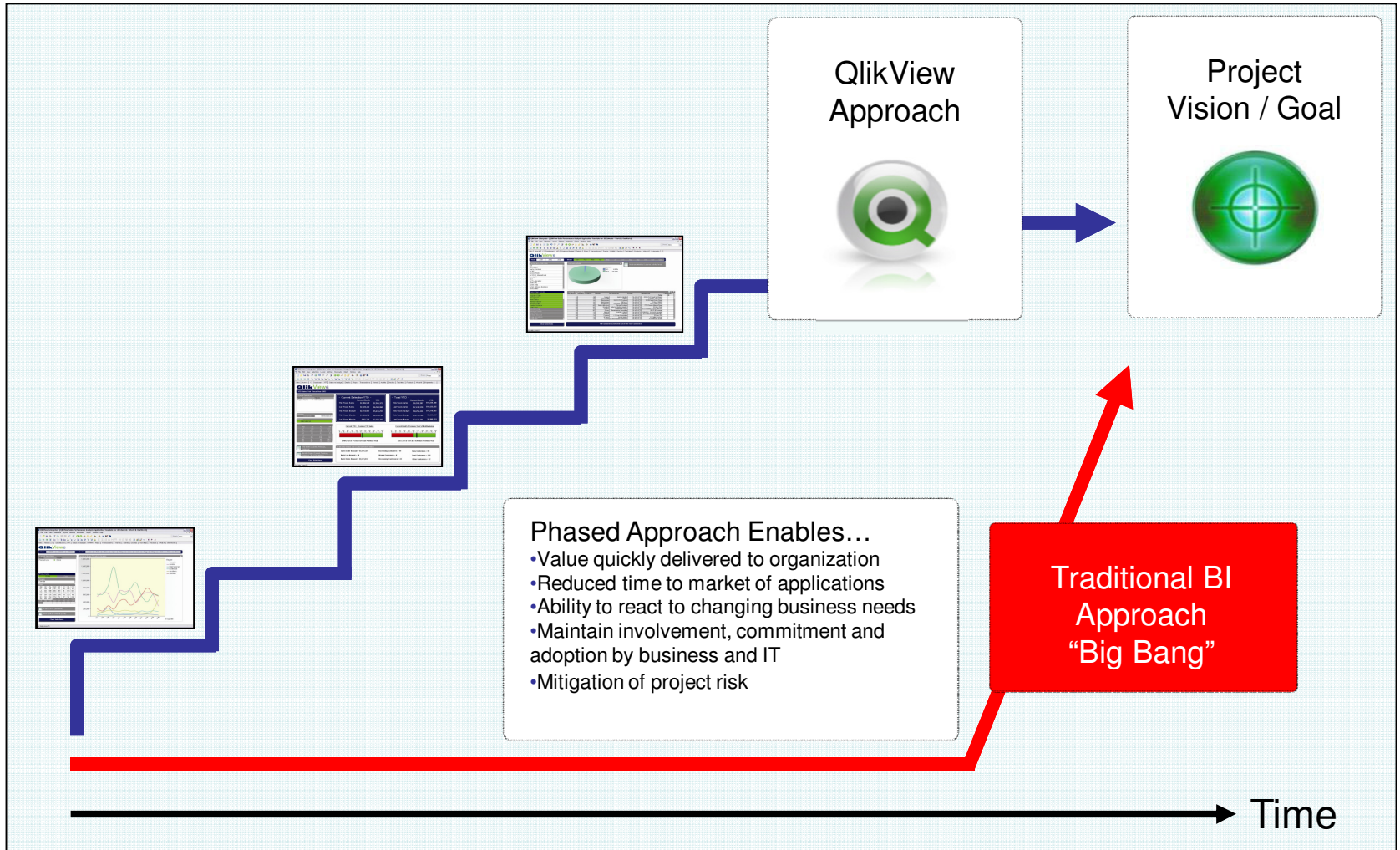
How did we discover QlikView ?

- During a routine visit from one of our software suppliers (BME Solutions) we received a brief demo.
- BME believed that it may be of interest for financial reporting as it had in most of the customer base.
- We immediately saw its potential as a student reporting tool.



How long did implementation of QlikView take ?

- We purchased the software at the end of May 2008.
- We had created a draft model using 'flat file' input within 24 hours.
- We developed our models and incorporated ODBC links into our data sources during June 2008.





Why QlikView?

- We have looked at the market for many years and considered BI solutions from a number of suppliers.
- All these products were expensive and complex to implement.
- They require significant technical support from specialist IT departments and often require bespoke reports to be written each time an end user wants some variation on the reports.
- QlikView enables the end user to analyse the data on the desktop without the need to be skilled in the use of database interrogation products.



Canons of Data

- One version of the truth
 - SITS, Agresso etc.
- Readily available, regularly updated on the desktop
 - QlikView
- Dashboard indicators for KPIs
 - QlikView
- Familiarity and ease of use
 - QlikView
- Fit for purpose



Reporting Systems

- QlikView is an innovative tool that enables staff to interrogate student application and registration data.
- Output is provided in both graphical and tabular formats and enables users to carry out complex analysis of data through a user-friendly interface.
- This development has revolutionised the way in which we can monitor our key statistical data sources as well as the level of information available to staff.
- Corporate Dashboards can be integrated within each model.



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What is QlikView?

- QlikView is a sophisticated Business Intelligence (BI) reporting tool which is capable of reporting in both graphical and tabular formats.
- It enables analysis capabilities that are unthinkable in traditional technologies -along with unparalleled flexibility, performance, and simplicity.
- The models we will be looking at today were developed at Anglia Ruskin University by a small team headed up by Mike Frost, Assistant Director of Finance.
- They have been developed using ODBC links into the SITS database extracts.



Who uses QlikView?

- QlikView has more than 500,000 users in 92 countries, over 10,700 customers, and continues to add an average of 270 customers every month.
- We are the first University both in the UK and worldwide to develop a solution to our student reporting needs using this tool.



What Analysis Can I Perform?

- We can look at student registrations by :-
 - Faculty
 - Department
 - Programme
 - Funding Source
 - Mode of Study
 - Ethnicity
 - Domicile
 - Home Post Code
 - And many more ...
- We can look at student applications by :-
 - Faculty
 - Department
 - Programme
 - Funding Source
 - Mode of Study
 - Decision Status
 - Domicile
 - Home Post Code
 - And many more ...



Conclusion

- We have made significant improvements in our reporting solutions in the past year.
- Further solutions currently being developed are :-
 - Predictive statistics for Admissions
 - Financial Dashboard
 - Space Database
 - HR Statistics
 - Debtor Analysis
- Having made this progress we must use the improved information to our advantage and pursue our vision.



Who Has Access?

- In phase one of the implementation we have provided access to :-
 - Vice Chancellors Group (VCG)
 - Corporate Management Team (CMT)
 - Associate/Deputy Deans
 - Heads of Academic Department
 - Faculty Resource Managers
 - Financial Services Staff
 - IT Staff



How was training provided?

- We provided training on a half day workshop basis.
- At the workshop there was a demonstration of the product and its capabilities.
- Attendees were then given an opportunity to practice using our QlikView model with facilitators at hand to provide one to one assistance.



Demonstration

- Mike will now demonstrate the product to give you an indication of the ease of use and power of the reporting capabilities.
- If you have any queries about this demonstration please e-mail :-
- Mike Frost (Anglia Ruskin University) - mike.frost@anglia.ac.uk
- David Davies (Anglia Ruskin University) - david.davies@anglia.ac.uk
- or alternatively Steve Sapseid (BME Solutions Ltd.) ssapseid@bmesol.com.