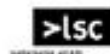




Luton's
Young
People



Building Schools for the Future Luton Presentation – BETT Show 10 January 2008

Presenters

- David Crick – Lead BSF Education Transformation and ICT Adviser – Luton LA
- Peter Hunter - Principal Consultant – Socitm Consulting

Luton BSF – Background

Luton's strategy underpinned by the area-wide 'Campus Luton' collaborative. BSF is fundamental to the achievement of Campus Luton aims in providing:

- Transformational and sustainable investment in the renewal of school facilities
- 21st century ICT infrastructure and services to support, facilitate and enable the delivery of education and learning
- A vehicle to address Council and school visioning and strategy for the delivery of education transformation



Luton BSF – Context

- Luton's BSF covers 13 secondary schools, including 2 Academies split between 4 phases of development within BSF Wave 3 (4 schools and 2 Academies) and Wave 6 (7 schools).
- Following the procurement of the Luton Local Education Partnership (LEP), the combined Waves 3 and 6 programme will provide continuity of funding for the 4 phases across the period 2011 - 2014.

Luton BSF

Overview of timescales

- SBC – June 2007
- OBC – October 2007
- OJEU – Nov 2007
- LEP in place – May 2009
- New build schools/academies and refurbished schools from January 2011

ICT – Project Approach

- Early engagement with external consultants – from vision to procurement
- BSF ICT Group established early with wide representation – sub-group to drive ICT Output Specification
- Soft Market Testing Day(s)
- Visits to schools in UK and Sweden
- Meetings with Borough senior staff with regard to
 - MIS (Council and school)
 - Extended services including Libraries, Adult Learning and Sport and Leisure.
- Procurement Workstream Group in place and trained

ICT in the OBC - Introduction

- As Luton is Wave 3 the OBC is developed from SBC rather than SfC.
- Luton will have SfC for Wave 6 schools

Luton's approach to BSF ICT is based on:

Collaboration through 'Campus Luton'; a foundation of good existing service, including high computer-teacher ratios; 10Mb connections to all secondary schools; exciting pilot work with VLEs, high spending by schools and increasingly e-confident staff.

ICT in the OBC – Introduction (cont)

OBC outlined current provision:

- Curriculum support provided by existing team
- The City Learning Centre (eLearning@Luton) that
 - has developed a range of innovative activities particularly in the areas of Music Technology and Digital Video/Imaging
 - acts as a training venue for teachers and support staff, particularly in the use of new technologies

ICT in the OBC – Introduction (cont)

OBC identified relevant issues:

- Learning Platform
 - Common learning platform for all secondary schools
 - Microsoft Learning Gateway and VLE (initially Class Server)
 - Available from July 2007
 - Expect proposals by BSF suppliers either for continued use of Learning Gateway or its replacement
- Academies
 - Two Academies, to be constructed by LEP...
 - ...but ICT service outside of BSF

ICT in the OBC – Headline Strategic Vision

Aim is to use BSF to build on these foundations and:

- ICT to meet objectives of the Every Child Matters agenda - extended schools
- Build the collaborative approach between phases
- Enable personalised learning by:
 - Supporting independent learning and a range of learning styles
 - Enabling a choice of routes through the curriculum
 - Offering a range of materials and tools to match need

ICT in the OBC – Headline Strategic Vision

To achieve diversity, there is a need for commonality to enable:

- Learner access to their space, and work at their pace, from any site
- Work on individual assignments and collaborative projects, within a managed approach with appropriate support
- Benefit from a wide pool of digital resources, shared across Luton and beyond
- Communication by email, video and other means, with peers and teachers

ICT in the OBC – Headline Strategic Vision

ICT service to incorporate WAN and broadband access to the National Education Network and key applications - learning platform and MIS, to enable teachers to:

- Concentrate on teaching and learning rather than technology
- Create, acquire, access and deploy a large and increasing range of digital resources
- Assign student work, communicate and monitor progress
- Analyse learning trends as never before and respond accordingly

ICT in the OBC – Headline Strategic Vision

Luton's approach to ICT is holistic requiring integration as a necessity:

- Within each school, to maximise the environmental and economic effect of a 'smart building'
- Between schools to ensure seamlessness, smooth data exchange and scale economies
- With Authority services (e.g. social care and libraries), curriculum and technology

All underpinned by a high-performing infrastructure

Aims: Luton BSF ICT Provision

- Highly integrated service enabling the delivery of Luton's aims for transforming education
- ICT service to be regarded as a 'fifth utility'
- Support for wider curriculum offer, especially 14-19
- Integrated ICT services to:
 - Maximize the usage of common core data and digital resources within the school
 - Enable the sharing of data, digital resources and ICT functionality across sites in support of a collaborative model
 - Support the development of children's services in response to "Every Child Matters"
 - Provide seamless, anytime, anywhere access to staff, students and parents.

Aims: Luton BSF ICT Provision

- ICT integration into the design and construction of school buildings
- Utilize ICT to ensure cost-effective facilities management and the sharing of infrastructure and data between facilities and education systems where mutually beneficial
- Integration between schools, highlighted particularly by Luton's 14-19 plans, including the three Area Consortia, established under Campus Luton

ICT Delivery Options

- Overall approach – managed service
- Scope of service – delivery matrix based on Output Specification
- Departures from standard – items taken out or extras added
- Luton's list: Learning platform, MIS, WAN, Change Management and Training, CLC, Local Choice and 'Framework Services'

MIS

- Existing use of Capita products, EMS and SIMS – B2B:Student
- High level of integration required
 - LA and schools
 - MIS with LP and other school systems
 - School to school
- Options
 - 1: As existing – LA and each school with separate MIS databases
 - 2: LA separate and schools' combined MIS database
 - 3: LA and schools' combined MIS database
- Decision: Test in procurement – Option 3 unlikely

WAN

- Currently provided by Council to all schools
- Options
 - Exclude WAN from scope of BSF
 - WAN within BSF but through LBC
 - WAN within BSF – supplier proposals
- Decision: Option 3
- Notes
 - Connectivity funding brought in
 - Impact on no-BSF sites

Change management and training

- Change management options
 - 1: Exclude from BSF
 - 2: Include – but not in ICT contract
 - 3: Include in ICT contract
- Decision: Option 3
- Curriculum training options
 - 1: Exclude curriculum training from scope of BSF
 - 2: Include but with LBC continuing to provide a separate service
 - 3: Include with LBC as sub-contracted supplier to LEP/MSP
 - 4: Include with the LBC service transferred to the LEP/MSP
- Decision: Option 2

CLC

- CLC on school site and will be a customer of the LEP/MSP – so CLC requirements included in Output Specification
- CLC/BSF overlap considered
- Note changing national context for CLCs
- Options
 - 1: Retain separate CLC management
 - 2: Allow LEP/MSP to manage CLC
- Decision: Test in procurement – but national changes subsequently suggest option 2

Local choice and 'framework services'

- Aim for integrated services beyond secondary estate alone
- Issues
 - Primary schools
 - Interim services to later wave secondary schools
 - Extended services – on and beyond school sites
- Extended services issue unresolved at OBC
- Use of framework agreement approach (based on local choice catalogue) for future buy-in

Contract phasing

Service	Sept 09	Sept 10	Sept 11	Sept 12	Sept 13	Sept 14	Sept 15	Sept 16	Sept 17	Sept 18	Sept 19	
Operational starts	LEP		W3 P 1	W3 P 2	W6 P 1	W6 P 2						
Core Wave 3 managed service								Extension...				
Core Wave 6 managed service										Extension...		
Central services (secondary)												
Wide Area Network (all schools)								Extension...				
Framework services (secondary)												
Framework services (other)								Extension...				

Affordability

- Basic assumption of 10 year financial model, i.e. need to sustain through refresh
- £1450 + £225 per pupil through BSF assumed
- Total cost of ownership exercise with schools – LA and schools views – included hardware, software/licences, support/staffing, connectivity
- Existing average spend per pupil per annum: £206

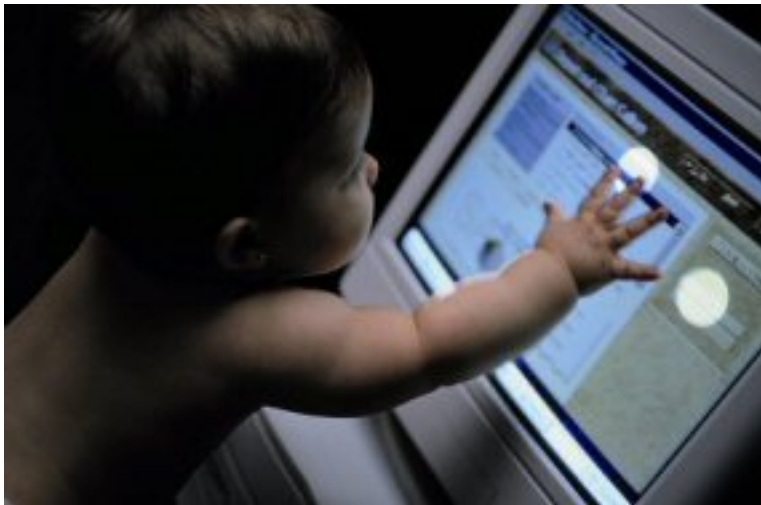
Cost modelling

- Cost model with a range of assumptions used
- Note new PfS Cost Model for Wave 4+
- Major sensitivities:
 - Computer (device?)/pupil ratio
 - Price per device
 - Managed service cost per device
 - Extent of refresh
- Schools agreed £120 pp pa into BSF

Luton BSF

Our Future

Your Questions



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