Agenda

• Term 2 Update
• Interactive websites
• Adobe Software – Adobe Acrobat Forms
• School Administration and Learning Management (SALM)
• ICT in Distance Education (Primary School days only)
• K-6 ICT showcase (Primary School days only)
• DER – Professional Learning (High School day only)
• Digital Education Revolution (High School day only)
Wrap up of ICT Day – T1 2010

- Term 1 2010 Technology Update
- Interactive websites
- Organising media (photos and videos) with Adobe software
- School Website Service
- 2010 Connected Learning Awards
- K-6 ICT showcase (Primary School days only)
- Digital Education Revolution (7-12)
Term 2 2010 ICT Update

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ICT Coordinators Induction Day

• First Sydney Region ICT Coordinators Induction day
  – Tuesday 25 May,
  – Georges River College - Oatley
  – ~95 Attendees

• Majority of Attendees had never been to a CC Day before.

• Feedback very positive - Attendees felt they went away with a lot more knowledge.

• Plans to hold day each year – Term 1.

• [http://Tinyurl.com/SRInductionDay](http://Tinyurl.com/SRInductionDay)
ICT Induction Day Agenda

- History of ICT in Schools / What is a School ICT Coordinator?
- ICT Funding for Schools: where/what?
- DET Infrastructure / School Infrastructure
- ICT standards
- Discretionary Purchases
- Technology4Learning
- Understanding NSW DET Standards
- Management utilities: AMU / EMU
- Sydney Region IT support
- Getting support-logging a Service Desk call
- Basic Troubleshooting
- Being a Pro-active School ICT Coordinator / Tips for CC’s
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T4L Rollout

- T4L for majority of schools (except P5/P6) will take place in Semester 2 2010.
- Numbers similar to 2009
- Details will be sent to schools when it is available.
- Start thinking about your options.
  - Servers, Workstations, Laptops etc
  - Identify all equipment out of warranty.
  - Identify still useful equipment to be relocated
  - Identify equipment to be recycled/disposed.
• It is expected that Semester 2 T4L (& Discretionary) will come with Windows 7.
• Initially Win 7 will Not be available for retro installation onto other PC’s
• Win 7 SOE for retro installation is expected to be available before end or 2010 (for IN-Warranty PC’s).
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DER Laptops — Discretionary Purchase

- Schools are now able to order the 2010 DER Laptops for discretionary purchase.
- As yet, there is no indication that they will be available on T4L in Semester 2.
- These laptops have two separate images:
  - For existing DER schools, identical to DER image.
  - For all other schools a new Windows 7 DET SOE.
- Adobe Web Standard and MS Office included.
- Details at: [http://tinyurl.com/derpurchase](http://tinyurl.com/derpurchase)
## DER Laptops – Discretionary Purchase

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Vendor Product</strong></td>
<td><strong>Lenovo Thinkpad Mini 10 Laptop</strong></td>
</tr>
<tr>
<td>SOE</td>
<td><strong>Windows 7 SOE</strong></td>
</tr>
<tr>
<td>Processor</td>
<td>Intel Atom processor N450, 1.66GHz,</td>
</tr>
<tr>
<td>RAM Memory</td>
<td>2GB</td>
</tr>
<tr>
<td>Hard Disk</td>
<td>160GB 5400rpm Hard Disk</td>
</tr>
<tr>
<td>Video-Graphics</td>
<td>Intel® NM10 Express Chipset 200MHz</td>
</tr>
<tr>
<td>Screen</td>
<td>10.1&quot; WSXGA 1280 x 720 LED display</td>
</tr>
<tr>
<td>Camera/FPR</td>
<td>640x480 pixels integrated camera</td>
</tr>
<tr>
<td>Network Card</td>
<td>10/100/1000Mbps Ethernet</td>
</tr>
<tr>
<td>Ports</td>
<td>3 USB, VGA, combo mic-in/headphone out, 4 in 1 Multi-card reader</td>
</tr>
</tbody>
</table>

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# DER Laptops – Discretionary Purchase

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</tr>
<tr>
<td><strong>Battery</strong></td>
<td>6 Cell Li-Ion battery</td>
</tr>
<tr>
<td><strong>Colour</strong></td>
<td>White</td>
</tr>
<tr>
<td><strong>Wireless Connectivity</strong></td>
<td>Intel WiFi Link 5100 802.11 a/b/g/n</td>
</tr>
<tr>
<td><strong>Bluetooth Connectivity</strong></td>
<td>Integrated Bluetooth version 2.1</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>2 years</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1.5kg with 6-cell battery</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>282mmW x 209mmD x 15-29.5mmH</td>
</tr>
<tr>
<td><strong>Cost</strong></td>
<td>$478.84 PLUS GST</td>
</tr>
<tr>
<td><strong>Part No. for Existing DER Schools</strong></td>
<td>3507-A19 (DER Image)</td>
</tr>
<tr>
<td><strong>Part No. for Non-DER Schools</strong></td>
<td>3507-A20 (DET Win 7 SOE Image)</td>
</tr>
</tbody>
</table>
DER Laptops – Wireless Options

• For DER schools, the existing Aruba wireless will work fine with these laptops

• For non-DER schools, you need to consider how the laptops will be used:
  (a) Mobile computer lab (using a trolley)
  (b) In one or two adjoining classrooms only
  (c) Roaming across the school with people

• For a & b, get the HP ProCurve MSM410 Access Point (J9427A) - $438 per class set
DER Laptops – Wireless Options

• Once your school has reached more than four of these “loose” Wireless Access Points, you will need to consider upgrading to a managed Wireless solution – Aruba - to avoid the multiple management issues that will become evident.

• The starting price of a basic Aruba solution with say 5 fixed access points and cabling will be in the vicinity of $15-20K. Formal quotes will be required.
Any Questions on T4L/DER
Term 2 2010 ICT Update

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Smart Notebook V10.6

- Smart Notebook V10.6 is now available for installation (815Mb PC Version)
  - Includes Learning Tools 2.0
- PC versions have been deployed to ALL CPC servers
- Mac Version – See Rob Pucillo
- Must be a member of the SWIM group
- Instructions at Sydney Region ICT Site
  - http://Sts.sydneyr.det.nsw.edu.au
  - http://Tinyurl.com/DETSSoftware
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Phase 6 Connected Classrooms

• Phase 6 – Semester 2 2010
• All remainder Schools will be receiving their Connected Classroom Installations in Phase 6.
• Phase 6 schools will need an on-site assessment to be completed.
• Identify your proposed room options now.
• Contact us for Advice if required.
IWB consumable items

- Principals appear to be unaware that they have to purchase globes for their projectors.
- These cost $240 and need to be factored into their budgets. (Filters are consumables too).
- The school is in charge of swapping out globes. **School Support do not do this.**
- NB: globe life needs to be monitored and projectors switched off when not in use.
- Avoid letting the Projector go to screen saver.
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The NSW DET blogging tool 'blogED' now available for all schools.

School teachers will be able to use 'blogED' once access has been granted by their Principals through the Access Management Utility (AMU). Once enabled a new tab called 'Learning Tools' will appear on the teacher's portal page within 24 hours.

Principals who would like to be provisioned for AMU Learning Tools access to 'blogED' from Monday 15 March 2010 can register by emailing blogED_access@det.nsw.edu.au with the school's name in the subject line.
BlogEd Statistics

• As of 30 May
  – 705 Schools across NSW have requested access through AMU
  – 113 from Sydney Region (16%)
    • 55% of Sydney Region Primary Schools
    • 52% of Sydney Region Secondary Schools
    • 160 Sydney Region Teachers have completed BlogEd familiarisation course
  – 4,414 Blogs have been created
  – 10,041 Teachers have been granted access
  – 3,703 active teachers are blogging
  – 8,601 blog articles posted by teachers
  – 7,767 blog articles posted by students
  – 7,799 comments posted by teachers
  – 60,523 comments posted by students
The Learning Tools Project - ‘blogED’

‘blogED’ News + Resources:

• http://tinyurl.com/NSWDETBlogED
Term 2 2010 ICT Update

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- **BER Update**
  - Yammer – Professional Learning Network
  - Learning Systems training information
  - DER HT Conference report
• Safety
• Benchmarks & Standards
• Who is involved – too many cooks …?
• Issues observed - Findings
• Expected Network Results
• What’s currently happening – schedule?
• Hearing Loops and hand-over testing
• What can you do about all this?
Safety or PPE

- Hard-hat
- Long-sleeve shirt
- Closed in shoes – preferably steel toe capped
- High Visibility vest
- Identification to the site office
- Safety Glasses
- http://tinyurl.com/workcoverPPE
For Your Safety & Safety of Others

Do Wear
1. High Visibility vest or coat
2. Protective eye-wear
3. Hard Hat
4. ID
5. Long Sleeve Shirt
6. Long Trousers
7. Closed in Shoes – preferrably steel toe capped

Avoid
1. Short Sleeve Shirt (exposed arms)
2. Shorts/Skirt (exposed legs)
3. Exposed Head
4. Exposed eyes
5. Open Toed Shoes especially High Heels!
6. Dark clothing
7. Entering site without identifying yourself at the Site Office.

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Benchmarks & Standards

• Site Plans are NOT necessarily matching SFS (School Facilities Standards)
  • Templates have been provided for all buildings
  • Incentives and dis-incentives are in place
  • Variations cost money – it’s a correction!!!
  • Opportunities are rare – use this one …
  • DET contractors from ITS2020
  • Audio Gear for Halls – beware the false advertising
  • Check early not late has resulted in cost savings

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Complete Building (Hall) NOT connected to the Network Infrastructure
Covered Walkway

Hall
Possible Cable Pathway
Possible Cable Pathway
Possible Cable Pathway
Who is involved – too many cooks?

- On-site contacts.
  - Principal
  - Site Manager
- DET contacts
  - Paul Clark
  - Robert Pucillo
Issues Observed - Findings

• COLA’s are outside my SoWs
  – *I actually don’t measure value for money!!*

• HALLs are not Learning Spaces, or Theatres
  – *Data is provided to the stage and the AV store plus data to the Solar Up-link (if applicable)*

• H’bases, Library and Admin Blocks
  – *SPR’s? and Refurbishment Levels?*
Expected Network Results

• **New Library**
  – ICT – connected classroom (operational)
  – 2x 45RU cabinets in comms room +WAN link
  – 100% patch leads
  – 75% Flyleads & provisioning
    • *HP brand Switch as appropriate from set list*

• **New Homebase**
  – IWB – infrastructure ONLY
  – 1x 18RU cabinet in store room +12core Fibre link
  – 100% patch leads
  – 50% Flyleads & provisioning
    • *HP brand Switch as appropriate from set list*
The Schedule?

OR ... What’s currently happening?

- $353,984,000.00 project budget
- 175 schools (Many are refurbishments)
- 6x Admin (2 new designations)
- 3x Canteens
- 94 Classroom (54 new designations)
- 19 COLAs
- 43 Libraries (31 new designations)
- 75 Halls (49 new designations)
Hand Overs & Hearing Loops

• Wise to have DET check the operation of IT before hand-over
  – A working solution with 20+ year warranty is what is expected

• Hearing Loops are currently being investigated for their ability to meet Australian Tolerance Standards.
What Might You Do About BER?

- Call either Robert Pucillo or myself to the site
- Keep on good terms with the Site Manager

<table>
<thead>
<tr>
<th>Primary Schools</th>
<th>High Schools</th>
</tr>
</thead>
<tbody>
<tr>
<td>• There is an SFS – Trust IT</td>
<td>• There is an SFS – Trust IT</td>
</tr>
<tr>
<td>• If uncertain - call</td>
<td>• If uncertain - call</td>
</tr>
<tr>
<td>• Breakages need to be directed to Abigroup/Paul</td>
<td>• Breakages need to be directed to AMU/Paul</td>
</tr>
<tr>
<td>• It will finish – be patient.</td>
<td>• It will finish – be patient.</td>
</tr>
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Any Questions on B.E.R.?
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Yammer

• Yammer is a real-time communication platform for companies, groups and organisations

• NSW DET started using Yammer in 2008, but have recently opened it up to all DET Staff
Yammer

• It’s a bit like Facebook and Twitter, but ONLY for NSW DET staff to use for professional learning and sharing
• At present, over 1,200 DET staff have signed up using their @det email account
• 900 have signed up in the last month
• Let’s take a quick tour – http://yammer.com
• http://tinyurl.com/detyammer - A beginner’s guide to using Yammer
Any Questions on Yammer?
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- Yammer – demo and details
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- DER HT Conference report
Learning Systems PD – Sem 2

• Phase 6 ICP only - *Interactive classroom Training Program* – 2 full days, *(Institute of Teachers Registered.)*

• Phase 6 ICP only – *User Acceptance Training* – 1 hr, for Principals and significant others, often computer coordinators.

• Phase 6 ICP only - *Getting Started with your Interactive Classroom* – 3 hrs, Principals only.
Learning Systems PD – Sem 2

• **Getting Started with Video conferencing in your Interactive Classroom** (2 x 1 ½ hrs, afterschool sessions – 1 face to face, 2 via Video Conference).

• **Getting Started with the Interactive Classroom and Smart Notebook 10.** 1 ½ hr.

• **blogED Familiarisation Session (Institute of Teachers Registered)** 1 ½ hr.
Learning Systems PD – Sem 2

• Planning To Lead Technology – Principals course 1 hr (Institute of Teachers Registered)

• A Guide to Walking the Copyright Tightrope! – Accessing resources for Teaching and learning 1 ½ hr

• All courses can be found on My PL@DET, with the exception of the Phase 6 - Interactive classroom Training Program, which is a “private” course.

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DER HT Conference

• Conference held at Novotel Brighton- 1 June.
• ~100 HT’s attended.
• David Warlick (USA) – Keynote Speaker
  – http://www.davidwarlick.com
• Conference Wiki, including all workshop resources:
Final Questions?