Sydney Region
ICT Coordinators Day
Term 4 2012
ICT update Term 4 2012

T4L
Installation of Lenovo desktop computers – discretionary
eT4L / LAN remediation
Wireless Access Points (WAPs)
LMBR - Schools
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School entitlement over a four year cycle. Each school’s allocation has been based on the March 2012 enrolment data. The formula has not changed.

One UNIT is equivalent to a base Windows desktop with a 19” LCD screen.
Previously, P5, P6, Central and small SSP schools received an allocation once in a four year period. Now, these schools will receive half of their allocation every two years in 2012 and 2014. Deliveries were in September.

Phase 2 – remaining schools. Delivery in February and March 2013.
Total number of Desktop Orders in your region

<table>
<thead>
<tr>
<th>Region</th>
<th>Windows Desktop Base Model</th>
<th>Windows Desktop Intermediate Model</th>
<th>Windows Desktop Advanced Model</th>
<th>Apple Desktop Base Model</th>
<th>Apple Desktop Advanced Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sydney</td>
<td>1675</td>
<td>588</td>
<td>97</td>
<td>59</td>
<td>1</td>
</tr>
</tbody>
</table>

Sydney (530)
Total number of Notebook Orders in your region

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sydney (330)</td>
<td>35</td>
<td>239</td>
<td>22</td>
<td>131</td>
<td>2</td>
<td>6</td>
<td>28</td>
<td>2</td>
</tr>
</tbody>
</table>

Graph showing the distribution of notebook orders by region and model.
Order comparison on desktop "Base" model between Windows and Apple in your region

<table>
<thead>
<tr>
<th></th>
<th>Windows</th>
<th>Apple</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>1675</td>
<td>59</td>
</tr>
</tbody>
</table>

97% for Windows, 3% for Apple.
Order comparison on desktop "Advanced" model between Windows and Apple in your region

<table>
<thead>
<tr>
<th></th>
<th>Windows</th>
<th>Apple</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>97</td>
<td>1</td>
</tr>
</tbody>
</table>

99% for Windows, 1% for Apple.
Order comparison on notebook "Base" model between Windows and Apple in your region

<table>
<thead>
<tr>
<th></th>
<th>Windows</th>
<th>Apple</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>274</td>
<td>28</td>
</tr>
</tbody>
</table>
Order comparison on notebook "Advanced" model between Windows and Apple in your region

<table>
<thead>
<tr>
<th></th>
<th>Windows</th>
<th>Apple</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>8</td>
<td>2</td>
</tr>
</tbody>
</table>
Sydney Region IT Services - School Support recommends that the following steps be followed to allow the commissioning of the notebook and the conditioning of the battery:

**Notebooks - eT4L schools**

Unbox the notebooks and connect power (without inserting the battery), plug the notebook into the network.


Shutdown the computer and then insert the battery and plug in power cable. Fully charge the battery (4 hours) and then fully discharge the battery. This step should be completed three times in order to condition the battery.
Notebooks – Non eT4L schools
Unbox the notebooks and connect power (without inserting the battery), plug the notebook into the network, turn it on and run the commissioning script, which is accessible from DET shortcut in Internet Explorer: http://cws.dtmanagement.det.nsw.edu.au. When commissioning is complete there will be two users created and displayed on the logon screen, administrator and localuser.
Shutdown the computer and then insert the battery and plug in power cable. Fully charge the battery (4 hours) and then fully discharge the battery. This step should be completed three times in order to condition the battery.

Document: Win7 Domain

If you are experiencing any difficulties with this process, please log a Service Desk call requesting Sydney Region IT Services Unit - Schools Support to assist. Call the IT Service Desk on: 1800 338 483.
T4L Servers

• Servers are **no longer available** under T4L rollout

• **Discretionary servers are still available**, however for small schools, the eT4L server solution is preferred
T4L Regional contact details

• Bambos Meitani
  bambos.meitani@det.nsw.edu.au
  0408 640 208

• If warranty on your school’s server is reaching the end or has expired, please contact Greg Sharkey
  greg.sharkey@det.nsw.edu.au
  0400 325 094
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Installation of Lenovo desktop computers – discretionary purchases

Lenovo Installations

There are 2 levels of desktop installation available for Lenovo desktops, Standard & Full Security.

The Full Security installation offers 2 types of install depending on whether or not the school has migrated to the new eT4L server.

There are also responsibilities that the school should undertake to enable installation by external technicians.
Installation of computers – discretionary purchases

School Responsibilities for desktop installations

For NON-eT4L server sites:
- Verify the correct equipment and all associated components have been delivered as per order received by school
- Transport the equipment from secure store at the school to the install location
- Remove the existing desktop from the desk, including security and cables
- Record serial number details of the system unit in the school’s asset register
- Report any hardware problems through the DEC Help Desk

NOTE: The installer will not perform any troubleshooting activities.
Installation of computers – discretionary purchases

For eT4L server sites:
• Verify the correct equipment and all associated components have been delivered as per order received by school
• Transport the equipment from secure store at the school to the install location
• Remove the existing desktop from the desk, including security and cables
• Record serial number details of the system unit in the school’s asset register
• Power on the desktop & Press <F12> to initiate build process
• Report any hardware problems through the DEC Help Desk.

NOTE: The installer will not perform any troubleshooting activities.
Installation of computers – discretionary purchases

1) Standard Installation
All sites (under ITS2007 contract) – **Cost= $45**

**Description** - delivery to the desktop, unpacking of equipment, connecting the equipment. Starting the computer and confirming the equipment is active. Removal of packaging.
2) Full Security Installation

a) Non-eT4L Security installation – Cost= $61.10

**Description** - delivery to the empty desktop, unpacking of equipment, connecting the equipment.

Starting the computer and allowing the DEC customisation script to run.

Connecting to local Domain for access to printers and network and testing of access to an internet address.

Connecting of Kensington lock to cpu and monitor and securing to desktop.

Removal of packaging.

OR

b) eT4L site Security installation- Cost= $61.10

**Description** - delivery to the empty desktop, unpacking of equipment, connecting the equipment.

Visual confirmation the equipment is operable **without starting the computer**.

Removal of packaging.

Connecting of Kensington lock to cpu and monitor and securing to desktop.

**NOTE:**-Network connectivity is conducted by school eT4L staff via F12 rebuild process.
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End of year ICT housekeeping
More than 800 NSW primary schools and Schools for Specific Purposes have successfully migrated to the Enhanced Technology for Learning (eT4L) server and services. 

eT4L Server and Services Update
LAN Remediation

• A project working in association with eT4L is LAN Remediation.

• In order to get the most from eT4L, a fast network helps. Where a school’s existing network is deficient, rectifications (not additions) are provided:
  – Replacing inadequate campus and building distributor cabinets
  – Replacing unsuitable backbone cables
  – Replacing older unsuitable switches and transceivers

• Ultimately, the aim in Sydney Region is to ensure all backbones are connected at Gigabit/s speed.
LAN Remediation

- Up until the end of term 2 2012, we completed 60 school LAN assessments and made recommendations for the necessary remediation.
- We have recently completed auditing another 70 schools as part of phase 2 which is to be completed by the end of semester 2 2012. We will progressively audit the remaining schools through to June 2013.
- Some schools are taking the opportunity to extend their school network or install wireless data outlets at their cost while these works are done.
Before LAN Remediation

Unmanaged switch, mounted on wall below already full cabinet, WHS issues, no secure storage for servers

After LAN Remediation

Managed switches, cable management, secure storage for servers, WHS issues resolved

Sydney Region IT Services Unit - Schools
BEFORE LAN Remediation

The existing CD consisted of 2 cabinets, the top cabinet being 30cm deep. The CD contains 6 fibre backbones and 5 x 24 port patch panels. The CD is also in a work room.
The amazing mind reader
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Wireless Access Points (WAPs)

IAP - 105

2.4 and 5 GHz

IAP - 93

2.4 GHz only
Wireless Access Points (WAPs)

- The T4L rollout now allows schools (except DER schools) to order Wireless Access Point Bundles.
- In order to maintain compatibility with their existing wireless, DER schools must order AP-125 WAPs.
- Each bundle includes a WAP, ceiling/wall mounting kit and 4 year next day replacement warranty.
- 20 schools have ordered WAPs as part of T4L phase 2.
- Useful link- http://tinyurl.com/srwirelessguide
- After consulting this guide, please contact Sydney Region IT Services Unit - Schools Support to assist. Call the IT Service Desk on: 1800 338 483.
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LMBR - Schools

The Learning Management and Business Reform (LMBR) program started in 2006 and is due for completion end of 2014.

https://detwww.det.nsw.edu.au/lmbr
LMBR initial implementation timeline: Sept 2012

Oct 2012
Schools: Budgeting and planning solution (foundation) to first group of 229 schools

Feb 2013
Schools: Budgeting and planning solution to first group of 229 schools

June 2013
Single integrated release of Finance/HR/Payroll:
- TAFE: Finance upgrade
- Corporate: Finance upgrade
- TAFE: HR/Payroll to Northern Sydney Institute
- Schools: Finance/HR/Payroll to first group of 229 schools
- Corporate Service Contact Centre operational
- Service Delivery Model Operational (subject to approval and funding)

July 2013
Schools: SALM Student Wellbeing and Student Management to first group of 229 schools

Sept 2013
TAFE: HR/Payroll to Sydney, Hunter and South Western Sydney Institutes

Nov 2013
TAFE: HR/Payroll to Western Sydney, New England, North Coast, Illawarra, Riverina and Western Institutes
TAFE: SALM to all Institutes

TBA
Corporate: HR/Payroll

2014
Schools: Finance/HR/Payroll/SALM to remaining 2000+ schools
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Legal Issues Bulletin

Privacy Bulletin about web publishing and permission notes.

This Bulletin provides advice to principals on issues concerning the publication of material on school websites which is accessible by the general public.

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End of year ICT housekeeping
Apple iPads in Sydney Region

• The number of schools in the state that have purchased iPads has been growing rapidly throughout 2012 with many more looking to implement iPads next year.

• iPads and related accessories are not available on DEC contract and are not directly supported by Service Desk or Region.

• General advice and direction on configuration is available through Sydney Region ICT School Support. Please contact: Bambos.meitani@det.nsw.edu.au and/or stuart.hasic@det.nsw.edu.au with details of your intentions.

• Any decision to take this path must be fully owned by the school.
Volume Purchase Program - iOS

- Apple have finally released the Volume Purchase Program (VPP) in Australia.
- This allows schools with 10 or more iPads / iPod touches to benefit from discounted App purchases and streamlined App ordering and deployment.
- In order to enrol in the VPP, the school needs access to a credit card – iTunes gift cards cannot be used with VPP.
- Sydney Region recommends that schools contact their nearest Australia post outlet and arrange purchase of a Load&Go reloadable Visa prepaid card.
- In order to manage VPP deployments easily, a new(ish) Apple Mac or MacBook is required to run Apple Configurator.
Android Tablets

• Some schools in NSW are implementing various flavours of Android Tablets.
• Multiple brands/models are available providing different sizes, feature sets and prices, as well as different versions of Android.
• Apps that require Internet access will likely not work within DEC limiting the usefulness of the tablets.
• Purchasing Apps from Google Play (the Android Marketplace) may be an issue due to the requirement for a credit card.
• **Any decision to take this path must be fully owned by the school.**
Windows Surface

- The first Microsoft tablet was released on October 26\textsuperscript{th} 2012.
- It runs Windows 8 RT designed specifically for mobile devices that use ARM processors.
- It is supplied with an RT version of MS Office, but is otherwise not compatible with general Windows programs on PCs.
- The Windows RT store currently has less than 6000 Apps, in comparison to more than 700,000 Apps each in Google Play and the Apple App Store.
- An Intel version of Surface will be released in early 2013.
- Any decision to take this path must be fully owned by the school.
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- Symantec have DISCONTINUED support of this product and SAV 10.x will no longer have definition updates after 4th JULY 2012.
- After this date SAV will work with the final virus definitions and any computers still using this antivirus program will be vulnerable to new virus attacks.

Icon indicating that Symantec Anti Virus is installed on this computer
Symantec Anti Virus - reminder

What does this mean for your school?

• ALL computers with Windows XP (excluding eT4L schools) will need to have SAV/SEP uninstalled and the Department of Education and Communities (DEC) NEW Antivirus program Microsoft ForeFront (FEP) installed
• Windows 7 OS computers already have ForeFront installed and are not affected.
Symantec Anti Virus - reminder

DEC solution:


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Simon Paine will discuss eBackpack during his session today.

eBackpack is now available for all schools. Call ICT Service Desk to provision your school.
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DEC Functional realignment

New Model of Support to Schools

Intranet site

Principal Networks
DEC Functional realignment

ICT Support to Schools in 2013

- At this stage there are no expected changes to school ICT support until at least May 2013.
- Initially each existing region will continue to provide ICT support to schools in their region.
- Planning is currently underway to transition to the future standardised ICT support model.
- The new support model will be in operation from 2014.
510 schools in Group 2

WELCOME TO GROUP 2
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End of year ICT housekeeping
ICT Coordinator Induction

- Sydney Region ICT School Support will run its regular Induction day early in term 1 2013, details will be emailed to the school in February.
- These Inductions have received excellent participant feedback in the past and is recommended for both new and existing ICT coordinators who have not attended in the past.
Questions?