Chuig: Príomhoidí agus Baird Gobhamóirí i ngach scóil dheontaschúnta

To: Principals and Boards of Governors of all grant-aided schools

18 Meán Fómhair 2014

18 September 2014

A Phríomhoide, a chara

Ós rud é go bhfuil sé de fhreagracht ar gach scóil leas daltaí a chosaint agus a chur chun cinn, tá mé ag scriobh chugal maidir leis an tisoláthar TFC i scoileanna.

Beidh gach scóil dheontaschúnta aisteirthe chuig na seirbhísí úra de chuid C2k faoi Mhéan Fómhair 2014 agus dar leis an Roinn go bhfuil sé tráthnúil anois a larráidh, sa chás go mbéadh an dara lín ghutháin neamh-C2k atá á húsáid faoi choinne leathanbhainda agus/nó gréasán neamh-C2k atá ceangailte den idirfín in úsáid sa scóil agat, go ndéanfaí athbhreithniú práinneach crícuil ar an tisoláthar neamh-C2k seo.

Measann an Roinn gur cheart go bhfágfadh soláthar na seirbhísí úra seo go mbainfear den ghas nó go bhfaighfear réitishe ar fad den ghas a bheadh ag scóil ar bith an dara lín/gréasán a bheith in úsáid aici.

Cuítear i gcumhna do scoileanna go bhfuil an riomhamháthachaí agus cosainnt na bpáistí barrthábhachtach agus ní hé amháin go bhféadfadh sé go mbéadh acmhainní liuchamhara a gcuir amuig ag scoileanna ar rud éigin atá ar fáil saor in aisce tríd an tseirbhís C2k, ach d’fhéadfadh sé chomh maith go mbeadh siad ag dul sa sean ar bhonn dochosanta, gan ghabh. Tagann freagracht bhreise lénach leithid de línne agus gréasán neamh-C2k maidir le bearta sábháilteachta iomchuí agus is mian liom a chúrt i gcumhna duit gur féidir comhairle faoi choine scoileanna a bhfuil an dara lín acu a fháil i gCiorcán RO 2011/22 agus 2013/25. De bhreis air seo, níor cheart do scoileanna beag is fiú a dhéanamh de na buntaíste a theagann le scagadh slán agus le hóstáil slán faisnéise sa Néad Oideachais.

Sáthraitheann an Néad Oideachais úr de chuid C2k rochtain slán 24 uair ar acmhainní ar líné, e réimse leathan de ghleasana. Tá nascachth fhíorghasta ag scoileanna leis an néal oideachais mar aon le stóráil sonraí ardcoitithe. Ar a bharr sin, tríd an rochtain WiFi, beifear in ann réimse de ghleasana rochtain tríú páirti a cheangal de ghréasán na scoile. Cuireann an acmhainneacht bhreisithe seo ar chumas múinteoirí

Dear Principal

As the safeguarding and promotion of the welfare of pupils is the responsibility of each school I am writing to you in relation to ICT provision in schools.

All grant-aided schools will have been transformed on to the new C2k services by September 2014 and the Department considers now is a good time to ask that if your school has a second non C2k provided phone line for broadband use and/or a non C2k network with internet access that you urgently and critically review this non C2k provision.

It is the Department’s view that the provision of the new services should reduce or indeed remove the need for any school to continue to have a second line/network in place.

Schools are reminded that eSafety, security and the protection of children is paramount and schools might not only be wasting valuable resources on something that is now freely available via the C2k service, but they may be taking unnecessary and indefensible risks. Such non C2k provided lines and networks bring with them an additional responsibility for a school in terms of appropriate safety measures and I wish to remind you that advice for schools with a second line can be accessed via DE Circulars 2011/22 and 2013/25. Furthermore, schools should not cast aside the benefits of secure filtering and secure hosting of information in the Education Cloud.

The new C2k Education Cloud provides secure round the clock access to resources online, from a wide range of devices. Schools have superfast connectivity to the education cloud and, high capacity data storage. Furthermore, WiFi access will accommodate the connection of a range of third party access devices into the
agus dlaiti tabhairt faoi chomhoibriú ar líné agus éascalonn sí lonchorprú slán theicneolaocht na ndlaiti isteach i díompealacht na scoile.

Léirigh surbhe a rinne C2k i mí Dheireadh Fómhair na bliana 2013, arna iarraidh ag an Roinn, gur thug 82 scoill (18%) as an 449 scoil a d'fhreagraigh le fíos go raibh an dara líné acu faoi choinne úsáid leathanbhananda agus gur thug 118 (26%) le fíos go raibh gréasán ar leith neamh-C2k acu.

Seirbhís Idirlín de Chuid C2k
Ní mór aír d'chúirtí ar roinnt pointí tábhachtacha maidir leis an tsheirbhís idirlín de chuid C2k:

- Táthar i ndiaidh luas leathanbhananda na scoile s'agat a ardú agus tá teidilocht uasghráduí uathoibríoch leathanbhannda ann chuig an chéad leibhéil eile do scoileanna sa chás go bhfáigfadh úsáid na scoile go mbeadh gá leis.

<table>
<thead>
<tr>
<th>Cínéal scoile</th>
<th>Méid ná scóil</th>
<th>Bandaleithhead Tosaigh</th>
<th>Uas-Bandaleithhead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lar-bhunscóil</td>
<td>500+ delta</td>
<td>100</td>
<td>200</td>
</tr>
<tr>
<td>Lar-bhunscóil</td>
<td>&lt;500 delta</td>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>Bunscoil</td>
<td>500+ delta</td>
<td>10</td>
<td>100</td>
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<tr>
<td>Bunscoil</td>
<td>200-499 delta</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>Bunscoil</td>
<td>&lt;200 delta</td>
<td>4</td>
<td>10</td>
</tr>
</tbody>
</table>

- Le cúig bliana déag anuas, tá polasaí casta scagtha forbartha ag C2k inar lonchorpralodh eolas áitíúil agus aiseolas ó scoileanna.
- Déantar monatóireacht ar an soláthar idirlín a ndéanann C2k scagadh air faoi choinne feidhmiocht agus inthaighteachta optamach.
- Soláthraitear, leis an tsceirbhís scagtha idirlín de chuid C2k, nascacht shlán do gach gléas idir na gléasanna bainisteithe de chuid C2k agus aithníosanna, i.e. gléas nár soláthair C2k a mbeadh rothain céadaithe ag an scol dó ar ghréasán C2k na scoile.
- Tá comhshaschairdacht d'úsáideóirí ann ó thaobh scagtha de faoi choinne gach gléos. Tá úsáideóirí a théann isteach ar C2k ón bhaille nó i scoil eile údáidh faoi pholasait scagtha C2k atá i bhfeidhm ag an scol.
- Úsáideann C2k seirbhís scagtha atá atátheanta go hidsiúinta, lena dtagann an rangú is crúinne, is school network. The enhanced capability allows teachers and pupils to engage in online collaboration as well as allowing the secure incorporation of student-provided technology into the school environment.

A survey carried out by C2k in October 2013, at the request of the Department, indicated that of the 449 schools that replied 82 (18%) indicated that they had a second line for broadband use and 118 (26%) indicated they had a separate non C2k network.

C2k provided internet
There are a number of important points to note regarding the C2k internet service:

- Your school’s broadband speed has been increased and there is an automatic broadband upgrade entitlement for individual schools to the next level, should school usage dictate this is required.

<table>
<thead>
<tr>
<th>School Type</th>
<th>School Size</th>
<th>Starting Bandwidth</th>
<th>Maximum Bandwidth</th>
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</thead>
<tbody>
<tr>
<td>Post Primary</td>
<td>500+ pupils</td>
<td>100</td>
<td>200</td>
</tr>
<tr>
<td>Post Primary</td>
<td>&lt;500 pupils</td>
<td>10</td>
<td>100</td>
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<tr>
<td>Primary</td>
<td>500+ pupils</td>
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<td>&lt;200 pupils</td>
<td>4</td>
<td>10</td>
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</tbody>
</table>

- Over fifteen years C2k has developed a sophisticated filtering policy incorporating local knowledge and feedback from schools.
- The C2k filtered internet is monitored for optimum performance and availability.
- The C2k filtered internet provides secure connectivity for all C2k managed and guest devices, i.e.a non C2k provided device identified by the school as being allowed onto the C2k network.
- There is consistency in filtering for users across all devices. Users who access C2k from home or in another school, are covered by the C2k filtering policy operated by the school.
C2k use an internationally recognised filtering service, which has the most accurate, current and comprehensive classification of websites to ensure prompt immediate blocking of inappropriate sites.

The C2k service also provides real time protection against Internet based threats.

Increasingly search engines are using SSL (Secure Socket Layer), an encrypted message and data transmission technique on the internet and the C2k service is capable of analysing the encrypted search results to ensure inappropriate thumbnails, (small sample pictures from a website), are not visible to pupils.

Access to C2k wireless is controlled by C2k Active Directory security group membership, and Importantly, unauthorised access from outside the school is prevented.

For both wired and wireless C2k internet connections, all usage is fully tracked and auditable.

The C2k Education Network provides all schools with Mercury wireless access points with all schools having a core allowance of points for guest device connectivity. At a peak, schools are connecting in the region of 30,000 guest wireless devices daily. Meru supports the connection of a wide range of mobile devices including but not limited to manufacturers such as Apple, Samsung, and Microsoft. The core Meru provision which is calculated on enrolment does provide extensive coverage for most schools and it does provide an option to extend the wireless network. Additional Meru access points can be purchased via C2k/Capita catalogue and this would be more cost effective than putting in a separate WiFi network. Schools should contact the C2k service desk if they wish to expand the Meru wireless network.

The C2k network has been designed to support the use of Bring Your Own Devices (BYODs). Therefore, pupils with a C2k unique login name can use a range of devices to access the C2k secure and filtered network both in school and at home. This service is fully auditable on request from the Principal as the need arises.

With the range of personal devices now in the marketplace, there is and will continue to be ongoing testing on devices to incorporate them
obair le réimse de sholáthróírí agus de ghléasanna.

Tá roinnt scoileanna i ndiaidh fiosrúcháin a dhéanamh i dtaca le teicneolaíochtaí scáthánaithe scáileán trí C2k, Apple TV mar shampla, a tástaíadh ar bhonn píolótach i mí an Mheithimh. I ndiaidh na dtástálaícha seo, táthar i ndiaidh Apple TV a chur ar fáil d'lr-Bhruscoileanna ón Tseachtain dar tús an 8 Meán Fómhair agus beidh bunscoileanna in ann é a fháil, i dtosach, ach é a iarraidh. Tá sé tábhachtach go dtí a bhfaradh scoileanna dá n-aire nár dearadh gach feidhmchiar nó Aip atá ar fáil faoi choine gléasanna pearsanta le go n-olbroidh siad laistigh de ghréasán oliscála gnóthais agus, dá réir, nach dtig le C2k ráthaithe ullíoch a thabhairt go n-olbroidh gach aip.

Na Meáin Shóisialta
De bhreis air seo, cuifre ar chumas scoileanna leis an tséirbhís úr rochtain ar shuilmhanna móin sóisialta agus ar shuilmhanna sruthaithe a bhainistiú. Is forbairt bhreise ar an pholasaithe a bhí i bhfeidhm roimhe atá anseo, rud a thabharfas deis do scoileanna rochtain a bhíteach acu ar shuilmhanna móin sóisialta agus sruthaithe amhail Facebook, Twitter agus iPlayer sa chás go mbeadh siad ag iarraidh a leithéid a úsáid faoi choine teagaisc agus foghlama. De bhreis air seo, tig le scoileanna smacht méadaithe a ghlacadh chucu féin ar a bpolasait scagtha féin, más mian le, trí chlárú le rochtain scagtha larmlighthe de chuid C2k agus tríd an olllucht iomchuí a fháil.

Facoi dheireadh, d'fhonn siúd dál optamach TFC a chinntiú, ba cheart d'fhraiciú agus do chultái uile na scóil seirbhísí n-poist C2k a úsáid faoi choine gach gnó scoile. Is é seo an líne oifigiúil chumarsáide agus ní mór d'úsáideoirí bainistiú réamhghníomhach a dhéanamh ar a mbosca poist lena chinntiú nach n-éirionn sé lán agus, dá réir, dichumasaithe.

Leanfadh córclán ón Roinn an lítir seo roimh dheireadh na scolbhliana 2014/15.

Is mise le meas

[Signature]

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Ceann na Foirne Tacaíochta Curaclaim

securely onto the C2k service. This compatibility testing is important and it is advisable that prior to purchasing large numbers of new devices, a school tests the device for C2k network access and work with C2k in this regard. C2k as a public sector organisation works across a range of suppliers and devices.

A number of schools have enquired about screen mirroring technologies via C2k, for example Apple TV which was piloted in June. Following the pilot, Apple TV has been made available to Post Primary schools from week commencing 8 September with deployment in Primary schools to be enabled initially on a request basis. It is important to be aware that not all personal device Applications (Apps) are designed by suppliers to work within a large scale enterprise network and therefore it is outside C2k control to provide an ultimate guarantee that all apps will work.

Social Media
In addition, the new service allows schools to manage access to social media sites and streaming media sites. This is a further development to the previous policy and it will give schools the opportunity to access social media and streaming media sites such as Facebook, Twitter and iPlayer should they wish to utilise these for teaching and learning. Schools can further select to take enhanced control of their filtering policy by signing up to C2k delegated filtering access and taking appropriate training.

Finally, to ensure optimum ICT security, all school staff and students should use their C2k email for all school business. This is the official line of communication and users need to proactively manage their mailboxes to ensure that they do not become full and disabled.

This letter will be followed up by a Departmental circular before the end of the 2014/15 school year.

Yours sincerely

[Signature]

SHARON lawlor
Head of Curriculum Support Team