



## Wired and Wireless Network Upgrade:

### #131 McConnell Engineering Building

**January 27 to April 17, 2020**

**The Wired and Wireless Network Upgrade will begin in the McConnell Engineering Building. Please see below for details.**

<b>WHAT IS HAPPENING</b>	<p>We are in the process of upgrading the Wired and Wireless Network across the University. This process, applied building by building, affects occupants at different times during the Upgrade. The result is improved speed, security and coverage of the wired and wireless network service in these buildings and throughout the University.</p> <p><b>Starting on January 27<sup>th</sup></b> and continuing until <b>April 17<sup>th</sup>, 2020</b> the <b>McConnell Engineering Building</b> will receive the Upgrade.</p> <p>Throughout this period, technicians from IT Services and external contractors will be working onsite, and service interruptions to the wired and wireless network will occur (see <b>schedule</b> section below). The work in scope will require access throughout the building (i.e. closets, offices, meeting rooms, etc.).</p>												
<b>ACTIVITIES</b>	<p>For the duration of the Network Upgrade, most of the work scheduled will be performed between 04h00-13h00 daily. The work is planned during these hours in order to minimize disruption to building occupants.</p> <p><b>Onsite activities include:</b></p> <ul style="list-style-type: none"> <li>• Replacement of wired network equipment in the telecom rooms such as access switches and power supply devices</li> <li>• Installation of new structured cabling throughout the building for wired and wireless end points</li> <li>• Upgrade/relocate existing wireless access points (108) to new technology, add new wireless access points (68)</li> <li>• Remove of old/obsolete cabling</li> <li>• Manual reconnection of each workstation on the wired network to new jacks during building hours – <b>network service interruption of 5-15 minutes per workstation</b></li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• This work will require all access throughout the building (labs, classrooms and offices)</li> <li>• This work will necessitate the displacement and temporary removal of ceiling tiles until the work is completed</li> <li>• The technicians are responsible for removing any resulting dust and debris generated from the work</li> <li>• The technicians will be overseen by NCS Team Leads</li> <li>• McGill security guard(s) will accompany the technicians for the duration of the work onsite</li> </ul>												
<b>SCHEDULE</b>	<p><b>Hardware Upgrade, Cabling and Installations/Upgrades of Wireless Access Points:</b></p> <table border="1" data-bbox="532 1877 1630 2032"> <thead> <tr> <th>Floor</th> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>All floors - starting on the 8<sup>th</sup> floor and working downwards</td> <td>January 27- April 17, 2020</td> <td>04h00 - 13h00</td> </tr> </tbody> </table> <p><b>Wired Network Jack Transfers (daytime building hours):</b></p> <ul style="list-style-type: none"> <li>• As part of the Wired Network Migration, once the new cabling is installed, technicians will approach each wired workstation to connect it the upgraded network             <ul style="list-style-type: none"> <li>○ Note that the current or “old” jack will remain on the wall or surface until this step is complete</li> </ul> </li> <li>• This activity will take place during building hours, and each transfer will require 5-15 minutes. Wired connectivity for that time period will be interrupted during this time.</li> </ul> <table border="1" data-bbox="524 2380 1639 2560"> <thead> <tr> <th>Floor</th> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>All floors - starting on the 8<sup>th</sup> floor and working downwards</td> <td>February 17- April 17, 2020</td> <td>8h00 – 17h00 (<b>Network Service Interruptions will occur</b>, and this step may have a duration of 5-15 minutes per workstation)</td> </tr> </tbody> </table>	Floor	Date	Time	All floors - starting on the 8 <sup>th</sup> floor and working downwards	January 27- April 17, 2020	04h00 - 13h00	Floor	Date	Time	All floors - starting on the 8 <sup>th</sup> floor and working downwards	February 17- April 17, 2020	8h00 – 17h00 ( <b>Network Service Interruptions will occur</b> , and this step may have a duration of 5-15 minutes per workstation)
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<b>ADDITIONAL INFO</b>	<p>For more information on Wired and Wireless connectivity at McGill, please consult the following articles on the IT Knowledge Base:</p> <ul style="list-style-type: none"> <li>• <a href="#">Wired Network Connectivity</a></li> <li>• <a href="#">Wireless Network Connectivity</a></li> </ul> <p>To learn more about this initiative, visit the <a href="#">Network and Information Security Upgrade website</a>. If you require more information, please contact your LAN Administrator or Building Director.</p>												