

NCP

Network Connectivity Program (NCP): Baker Lab

WARNINGS and status updates regarding the phone and network wiring being upgraded in Baker Lab. (ST Olin Research Wing was done in December. And PSB already has a modern network).

WARNING and status update, 2/13/2013

WARNING: Temporary daytime downtime for networks and phones in Baker Lab, second half of February.

WHEN and WHERE: Starting next week, and over two weeks (2/18-3/1-2013), in **Baker Lab**. Changes are expected mostly in the mornings, until about 1pm each day.

WHAT: The downtime related to the [previously announced "cutting-over"](#) of all computers, printers, and phones from the old wiring to the new wiring.

IMPACT: Temporary daytime **DOWNTIME** will occur as a result of the transition to new wiring. Specifically, we anticipate that:

- phone downtime will be kept at under half an hour.
- network downtime should be under a few minutes.
- all phones and network devices are working correctly by the end of each work day.

For Baker Lab, we will work research group-by-research group to help concentrate CRCF staff's efforts.

Please be aware that some network devices, including some printers, will be changing network addresses. This will require making configuration changes on some computers to re-establish connectivity to the printers, for example. Chemistry IT (CRCF) will attempt to provide as much information and direct assistance as possible to research group liaisons on the changes. And we will assist any user that needs assistance during and after the transition.

This transition will depend on each group's "group liaison" (when available) to assist CRCF staff in determining if users are having problems. We will naturally be attentive to get to any problems reported as quickly as possible. However, depending on the number of unanticipated problems, we recognize that we may not be as responsive as we normally can be.

We appreciate your patience and understanding as we, together, work through any transition connectivity problems. Thank you!

STATUS UPDATE

Baker Lab project status:

- This week (week of 2/12/13), CIT will be turning on over 100 new RedRover wireless access points in Baker Lab. This should provide 100% RedRover coverage in Baker Lab for all devices. As this happens, Chemistry IT will start to remove our wireless networks from Baker Lab and we hope by the end of next week to remove all Chemistry IT wireless devices from the building and finish the transition of users to using RedRover networks.
- With the new RedRover wireless, we expect full coverage in Baker Lab. Therefore, please report to CRCF if you find any areas with insufficient RedRover wireless coverage. Thank you.
- Over an up-coming two-week period (2/18-3/1-2013), CIT and Chemistry IT will be transitioning computers and phones from the old wiring to the new wiring.

As if you have any questions or concerns during this project and transition, please do not hesitate to stop by our office in 250 Baker Lab, call us at 607-255-6278, or email us at crcf//AT//cornell.edu.

WHO in CCB serve as our contacts for this project, and how may I contact them if I have further questions?

Construction issues: [<chembuildingservices@cornell.edu>](mailto:chembuildingservices@cornell.edu)

Technical issues: [<crcf@cornell.edu>](mailto:crcf@cornell.edu)

Memo with NCP overview, plans, and expectations

Updated memo originally sent to staff (11/6/12) and faculty (11/28/12) with information about the "when", "what", "why", and "who" regarding our network upgrades.

Technical details

Link to when VoIP is not the right choice, and thus should stay with analog (copper wire) phone. Link to model of VoIP phone. Headset idea.

- [SOHO router changes](#) — Research areas had private VLAN addresses. The default (initiated with Baker Lab's network upgrade) is that each system will instead have a public IP, within a VLAN shared by all Chemistry research units.