

UNIVERSITY OF CALIFORNIA, RIVERSIDE
Computing and Communications

Communications Infrastructure Fee (CIF) – Background and Notes
August 2010

1. **NETWORK CONVERGENCE.** Given the evolution of technology, the infrastructures that enable dial tone, e-mail, 911 services, internet access, etc. have converged. Convergence means that the "network" is a COMMON foundation upon which a variety of services are provided that will constantly evolve over time.
2. **MAINTAINING UCR'S NETWORK – A VITAL ASSET.** For modern research universities, the "network" is a vital asset that must be maintained and supported. The network is a core enabler of scholarly activities and administrative operations.
3. **FISCAL IMPACTS OF CONVERGENCE.** Given the convergence of technology (e.g. e-mail, dial tone, internet access, etc.) there is NO CAMPUS SAVINGS when departments remove phones or eliminate a particular service. There is no difference fiscally if a department brings up an e-mail server or removes a phone - in a converged environment, the results are the same.
4. **CIF ENABLES ROBUST MIX OF COMMUNICATIONS SERVICES.** Within this converged network environment, the CIF ensures core network services and infrastructures are supported, even though the make-up of these services will vary over time (e.g. phones today, desk top video conferencing tomorrow, for example). UCR's wireless network, that supports almost 6,000 concurrent users a day, is an example of a technology that has been added to UCR's suite of communications services during the past several years.
5. **CIF IS REVENUE NEUTRAL TO CAMPUS.** C&C has done its best to make the CIF change revenue neutral to campus Organizations (e.g. Schools/Colleges). CHASS communications services fees, for example, are revenue neutral as a result of this change. Colleges / Vice Chancellor units may wish to address departmental fiscal impacts (that are not necessarily revenue neutral) at the Organizational level.
6. **CIF OVER THE NEXT FOUR YEARS.** During the next five years, the build out of the campus network will require \$3.6 million in core infrastructure expenditures. Additionally, the campus will expend approximately \$3 million on renewal & replacement of existing electronics and systems (these renewal & replacement expenditures represent only 35% of the total that should be invested to keep UCR's network robust). As a result of these capital and upgrade requirements, the CIF rate will increase from \$47.59 to \$70.32 over the next four fiscal years.