# **Communication Technologies Advisory Group**

**Agenda**

# **September 29, 2016**

# **Welcome**

## Staffing Update

## CATV -

**MDFs**

* CMDF - Add’l HVAC redundancy - design complete - in review

**Infrastructure Records**

* Outside plant fiber inventory - on hold
* Wireless maps development in progress (194/201 buildings loaded)
* New PLA ground interface - Oct
* 256 buildings (41,100 outlets) in PLA ground.

**Building Infrastructure Projects**

* Daniels, Reynolds - substantially complete
* MRC under construction
* Winston/Caldwell/Tompkins, Gardner/Bostian/Phytotron, CVM Main in design

**UPS -** Have ordered this year's battery packs and new chassis. Will start in October

**Campus Backbone**

* Centrex Replacement NMDF (under construction), SMDF (design)
* Backbone IOS maintenance - dates pending Architect’s arrival
* New alternate fiber route Main Campus to CVM (144 strands)

**Data Center**

* New Primary Data Center - UA office to revise previous study. Will look at colocation options.
* Minor DC1 floor replacement Oct. 6-12

**Access Layer**

* [Building upgrades](https://docs.google.com/spreadsheets/d/1ujixXQNwc8CqxNrdQX4X-NGJl8yM--j5WP_xMsDgzrY/edit#gid=1140656333) - full CALA - appr. $2.5M planned for FY16/17 - may outsource
* Access layer IOS upgrades delayed
* Current projects - Student Health, Park Shops
* Installation of ASR 920 routers to start over the Summer in routed buildings: Talley, Campus Police, OSCAR Lab - delayed

**Cellular/mobile** – Verizon/Spidercloud pilot - Williams, Scott, Riddick - go-live imminent, campus-wide agreement in the works. T-Mobile showing interest.

**IT Strategic Planning**

**Budget**

* Primary focus for 16/17 will be upgrades to aging access layer
* 10% increase each of the next 2 years to close the gap

**Unified Communications**

* UNCG and App State Updates
* MySoft Replacement -- PCR360
  + Went live earlier this month
* Lifecycle upgrade to VM complete
* Planning upgrade to CUCM 10.5

## Wireless

* Talley phase 2, Reynolds (construction), Hillsborough Bldg. test bed (design)
* Residence Hall full wireless – phase 2 in planning
* EDUROAM (secure SSID )
  + Goal is to eventually transition as many stakeholders as possible to use this SSID
    - 1772 eduroam users in July
    - 3605 eduroam users in August
  + Need to “beef up” documentation - particularly around trouble-shooting

### Parking Lot Items

* Routing licenses at the BDF level – when and how much should occupants pay? Interim solution is 50/50 when “desired”, ComTech funds when required
* “virtual data center” – what is it and who pays
* Funding for server rooms, higher capacity (10Gbs ports), etc.

## Upcoming Meeting Dates

* Next CTAG Meeting – 11/14 9:30, AFTC 106