

IT 101 for FSILGs

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FCI and IT Infrastructure

- Provide Installation, Maintenance, Upgrade via external vendors
- IRDF Funding Help

Installation, Maintenance, Upgrade

- Multiple vendors available
- Full, Partial, and repair of Member Installations
- Fire and Electrical code requirements
- Coordination with IS&T
- Network design - segmented to the extreme

IRDF Funding Mechanism

- Computer Clusters
- Freshman Study areas
- Wired Networks
- Wireless Networks

Dealing with Network Contractors

- What to prepare
- Map existing network topology and equipment
- Map existing coax
- Map existing voice circuits
- Be clear about what your getting, understand time frames
- Move items out of the way, ie empty storage
- Access to all rooms in the house - have the keys

Voice

- House Phones - Necessary, Cell Phones not the same as house line
- Alarm Lines – 2 required min
- Elevator Lines – 1 required min
- VOIP - not ready yet, pilot opportunities coming

Television

- Cable - commercial line into an ILGs
- Satellite TV - working with a provider to create a package
- IPTV project – future, much greater bandwidth needed

Best Practices

- ILG quick guide available online
- No local DHCP
- Cat 6
- Gigabit level equipment

Resources and contacts

- ILG net help: ilg-net-help@mit.edu is primary contact mechanism for **ILG Net Contacts** to report problems and request help
- IRDF grant funds are available for internal network upgrades. Talk to the fsilg-coop in W20 or visit <http://fsilg.coop>
- IS&T web pages: <http://web.mit.edu/ist>
- Residential Computing: FSILG pages:
 - <http://web.mit.edu/rescomp/www/ilg/>
- ILG Quick Guide:
 - <http://web.mit.edu/rescomp/www/ilg/QG/ILG-QG.pdf>