

EYESPAN.TV

THE BASIC IDEA:

- PUT A CAMERA IN EVERY
 CONGRESSIONAL HEARING, THE WHITE
 HOUSE BRIEFING ROOM, AND OTHER
 LOCATIONS IN "OFFICIAL" DC.
- STREAM THE DATA LIVE OUT TO THE NET.
- CREATE A PERMANENT ARCHIVE ACCESSIBLE ON THE NET.
- ALLOW ANYBODY TO ANNOTATE THE EVENTS.







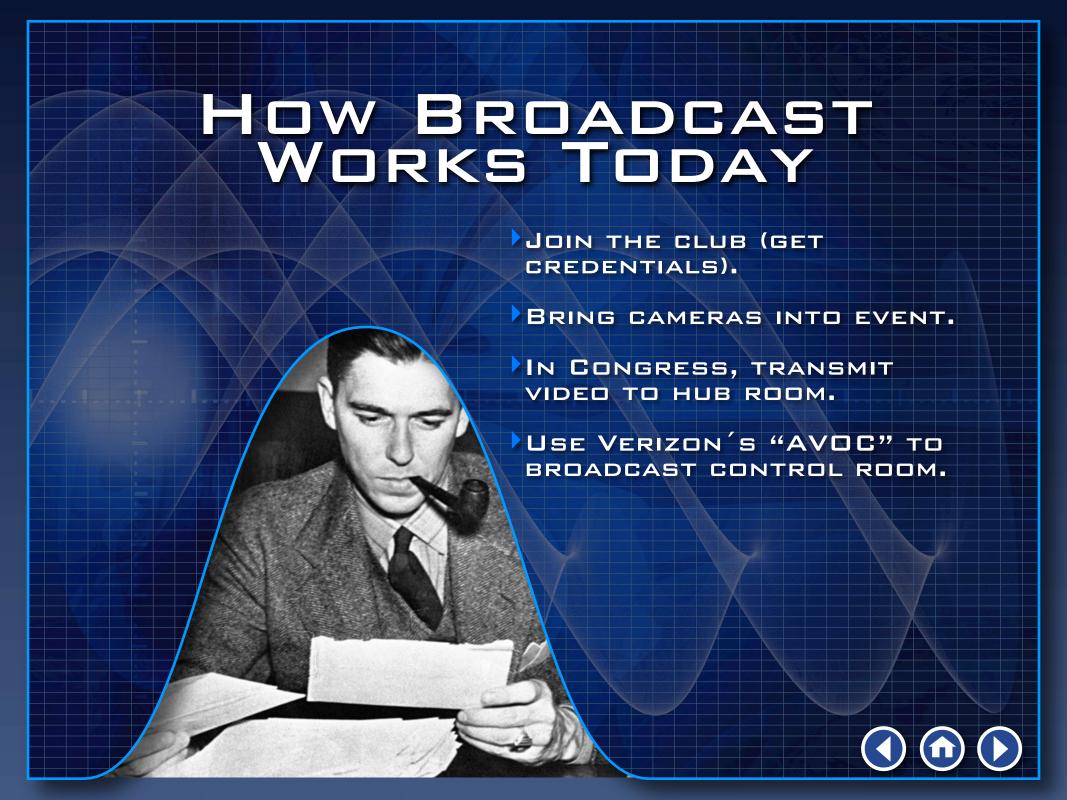
CENTER FOR AMERICAN PROGRESS

- 501(c)(3) THINK TANK IN WASHINGTON, D.C.
- OUR ROLE
 - PROJECT INCUBATOR
- WHY?
 - PROMOTE TRANSPARENCY AND CITIZEN PARTICIPATION IN GOVERNMENT.
 - WE WISH THE SERVICE EXISTED ALREADY AND INTEND TO BE HEAVY USERS.



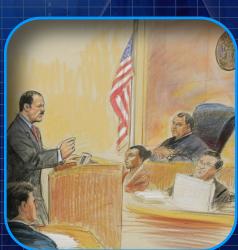






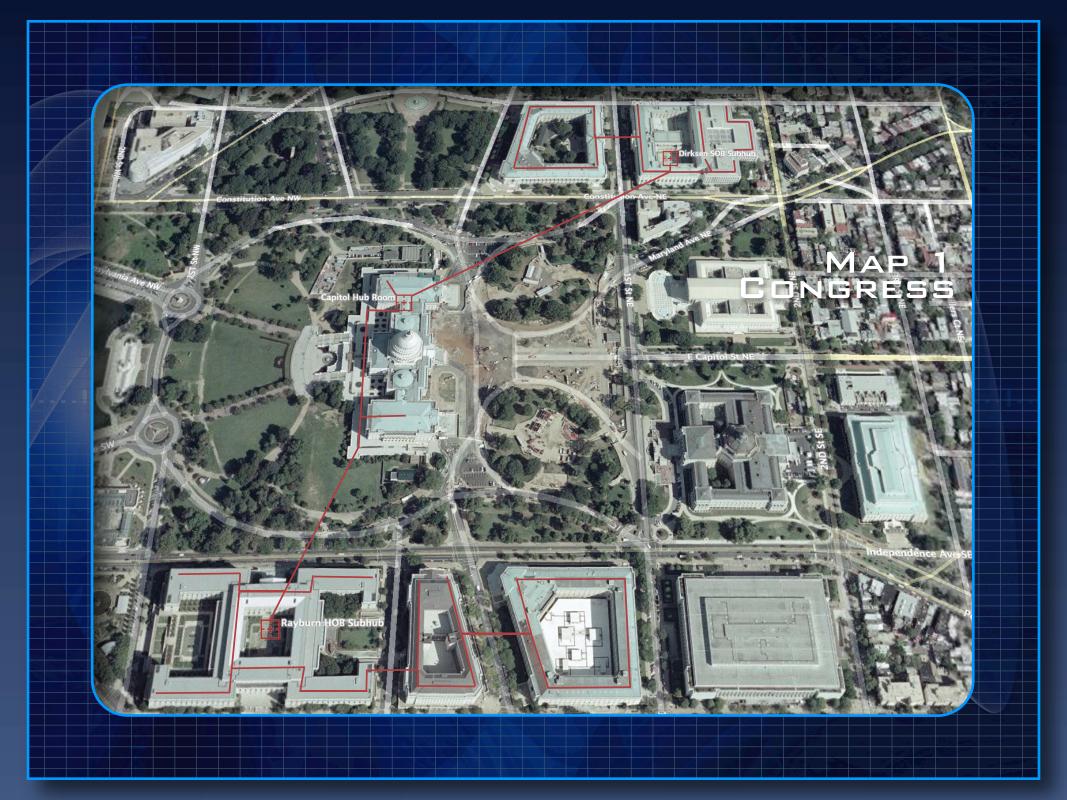
CAMERAS IN HEARING ROOMS





- CONGRESS, WHITE HOUSE, STATE,
 PENTAGON, AND ALL OTHER BRIEFING
 ROOMS ARE WIRED.
 - FIBER OPTIC LINKS TO VERIZON'S "AUDIO VISUAL OPERATIONS CENTER" (AVOC)
 - SPECIALIZED VIDEO-OVER-FIBER STANDARD (SMPTE-259)
- CREDENTIALS ARE AVAILABLE TO QUALIFIED PRESS ORGANIZATIONS.
 - COMMITTEE OF JOURNALISTS USE THE POTTER STEWART TEST FOR DETERMINING WHO QUALIFIES.





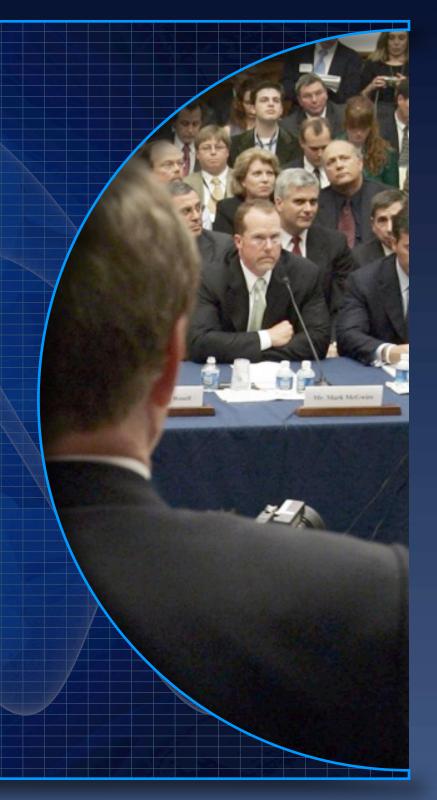


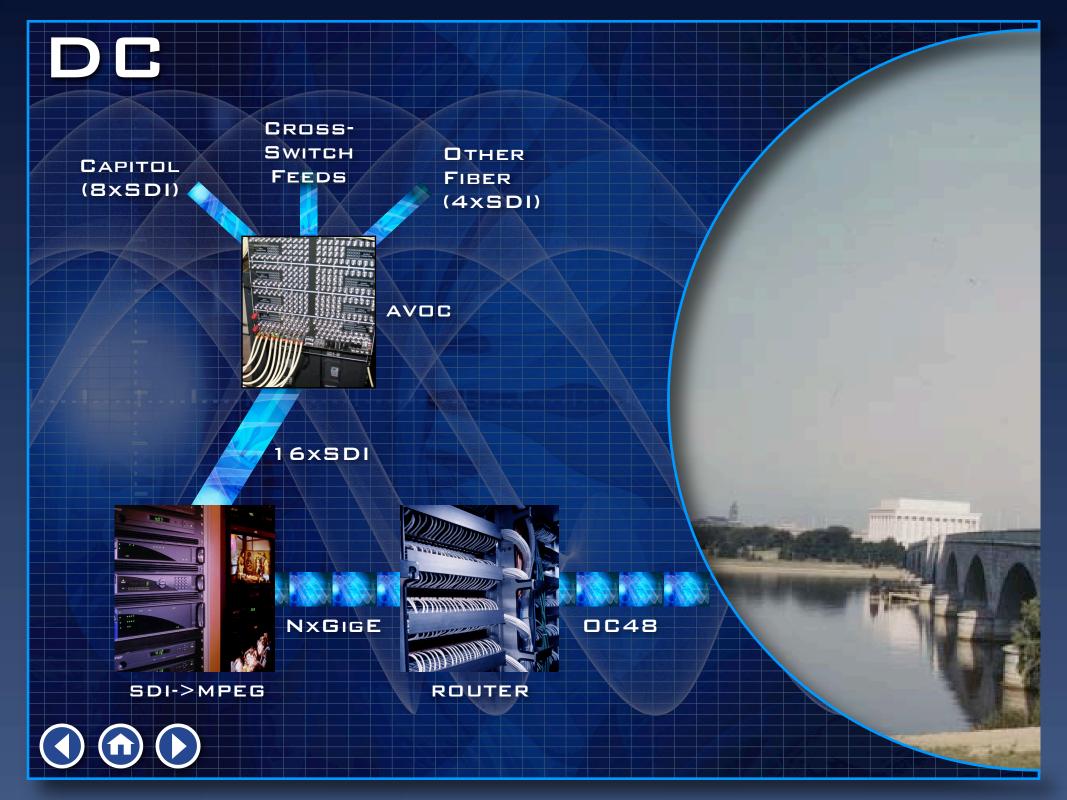
EYESPAN

TURN VIDEO-OVER-FIBER INTO 50 MBPS MPEG-2 STREAMS.

- MOVE STREAMS TO KEY COLOCATION FACILITIES.
- MAKE AVAILABLE TO PUBLIC,
 RESEARCH, AND PRIVATE PROVIDERS
 ON MULTICAST AND UNICAST
 INFRASTRUCTURE.
- ADDITIONAL PROCESSING.
 - TRANSCODE, CACHE, STREAM.
 - ARCHIVE.
 - ANNOTATE.









STREAM EVENTS TO INTERNET



INTERNET2, RUN BY U.S. UNIVERSITIES, HAS SUFFICIENT CAPACITY TO STREAM HIGH-DEF VIDEO STRAIGHT ONTO THE NET.

RESIDENTIAL BROADBAND USERS AND EVEN DIAL-UP USERS WILL ALSO BE ABLE TO ACCESS THIS DATA.

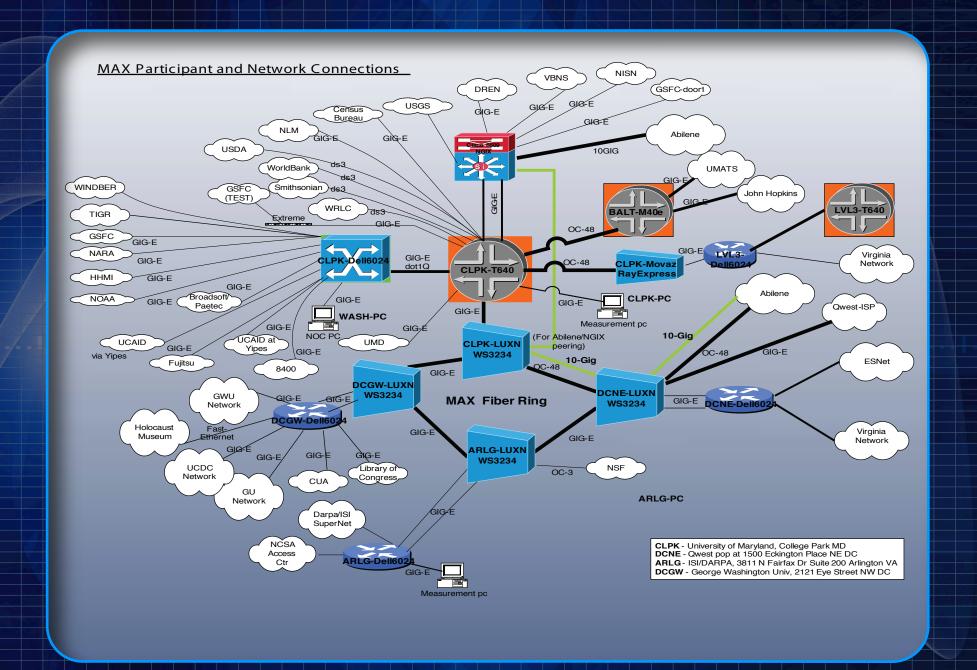
INTERNET 2 BACKBONE

HTTP://WWW.ABILENE.IU.EDU/

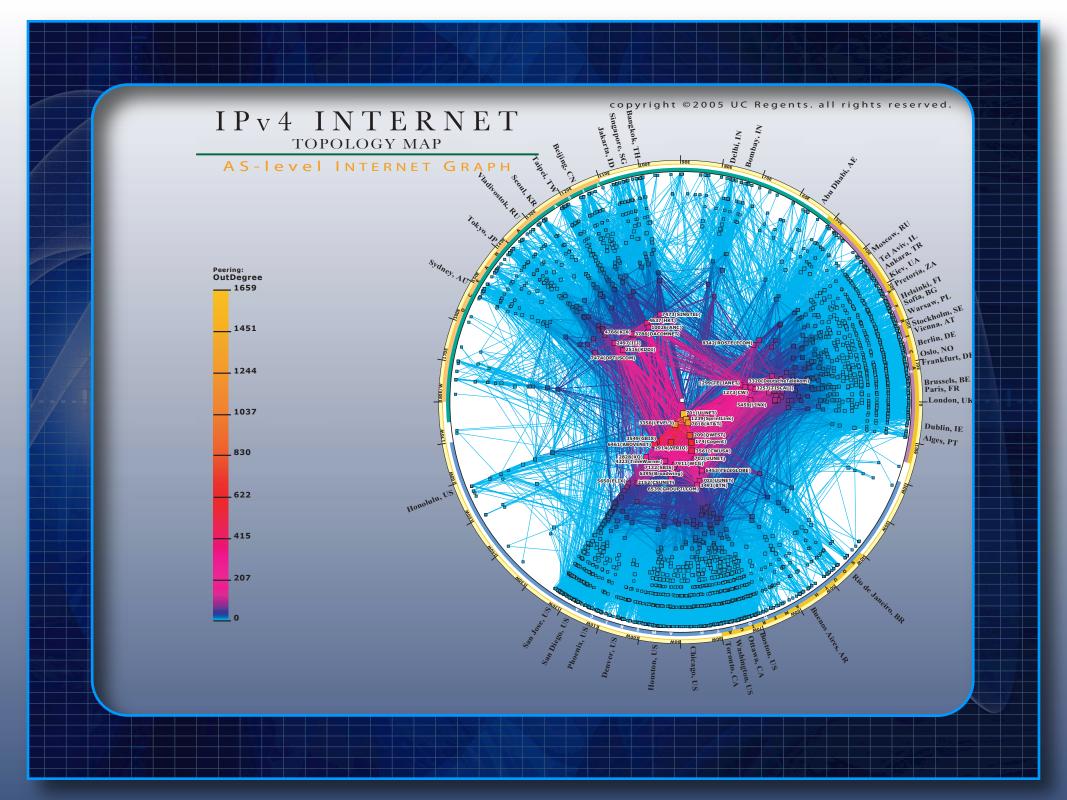




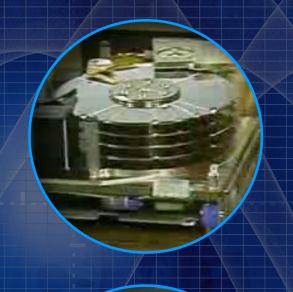




Qwest iQ Networking Map Spokane Portland > Helena Fargo Eugene Bismarck. Billings AIM (I Boise Boston Rancho Cordova Sioux Fall New York City ATV III Chicago Jersey City (1) Sacramento Salt Lake City Cheyenne San Francisco CC AM AM Sunnyvale* Denver or AIM OF -Washington D.C. DIV O Kansas City Colorado Springs Burbank CC AIR PA Los Angeles X Albuquerque Phoenix & San Diego * Atlanta Dallas Fort Worth IP from at thesence ATM Frame Relay/AFM/Control Consence New Orleans CyberCenter Foots of Prospose Tampask Houston **Circuit Belimitions** OC:192 OC-48 * TeraPOP 00.3 Access POP This map is an approximate representation of network coverage, and is not a guarantee of network or service availability. Coverage is subject to change. Copyright O2004 Qwest. All Rights Reserved.







- DISK IS GETTING CHEAPER.
 - PROJECTIONS OF \$0.30/GIGABYTE SOON.
 - PETABYTE-SCALE SYSTEMS NOW PRACTICAL.
 - PROVIDE LONG-TERM ARCHIVES AND CONSTANT AVAILABILITY THROUGH REPLICATION.
- FEDERAL DOCUMENT DEPOSITORY
 - OVER 1,250 LIBRARIES.
 - PROGRAM SHOULD BE EXPANDED TO INCLUDE MASSIVE VIDEO ARCHIVES.



ALLOW ANYBODY TO ANNOTATE



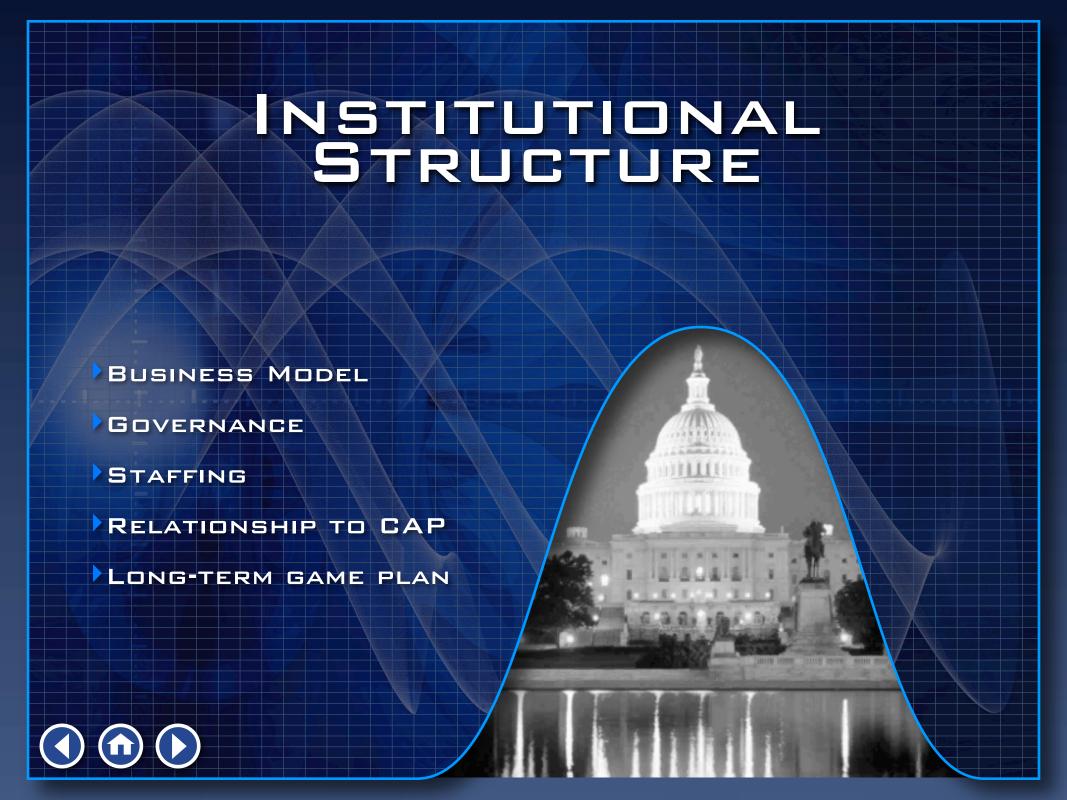
HIS TRANSCRIPT IS <u>HERE</u>.





- ANYBODY ON THE NET SHOULD BE ABLE TO ANNOTATE ANY HEARING, EITHER LIVE OR AFTER THE FACT.
- USING INSTANT MESSAGING, THIS IS NOT HARD TO GET OFF THE GROUND QUICKLY.
- FULL AUDIO AND VIDEO ANNOTATION IS THE NEXT STEP: PICK YOUR FAVORITE COMMENTATOR(S) FOR AN EVENT.
- ANNOTATION RANGES FROM
 TRANSCRIPTION TO CHAT TO FULLBLOWN TV PRODUCTION VALUES.







GOVERNANCE

- INDEPENDENT, WELL-QUALIFIED
 - NEUTRALITY IS KEY TO "REAL MEDIA"
- OPEN WORKING GROUP PROVIDES ENGINEERING, ARCHITECTURAL, IMPLEMENTATION ADVICE.
- GOAL OF SERVICE IS MAXIMUM DISPERSION OF DATA WITH NO IP OR USE RESTRICTIONS.



STAFFING



- STAFFING ESTIMATE
 OF 2 FULL-TIME
 STAFF.
- HEAVY USE OF DISTINGUISHED VOLUNTEERS.
- HEAVY LEVERAGE
 FROM EDUCATIONAL
 PARTNERSHIPS, OPEN
 SOURCE
 PARTICIPATION.







RELATIONSHIP TO CAP



PROJECT INCUBATOR

- OUR MISSION IS TO PRODUCE "TRANSFORMATIVE NEW IDEAS."
- TRANSPARENCY AND CITIZEN PARTICIPATION IN OUR SYSTEM OF GOVERNMENT ARE FUNDAMENTAL AMERICAN VALUES.



- THIS WILL BE AN EXTREMELY USEFUL FACILITY AS WE WORK ACROSS A LARGE NUMBER OF ISSUES THE CENTER IS ACTIVE IN.
- WE WISHED THE SERVICE EXISTED ALREADY, SO WE DECIDED TO CREATE IT.





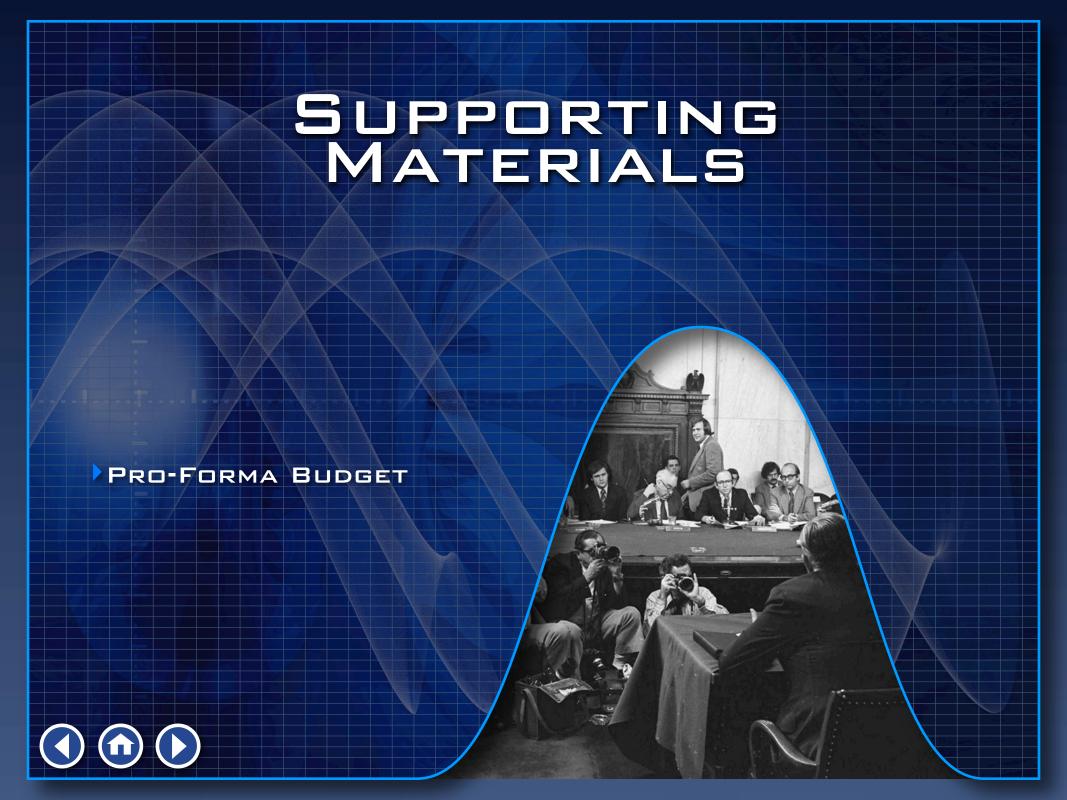
LONG-TERM GAME PLAN





- EYESPAN.TV/DC
 - EVENTUALLY, GPO AND LIBRARY OF CONGRESS SHOULD BE IN THIS BUSINESS.
 - GOAL IS TO WORK OURSELVES OUT OF THE DC BUSINESS WITHIN 5-7 YEARS.
- THIS MODEL CAN EASILY BE
 - EYESPAN.TV/LONDON
 - EYESPAN.TV/INDIANAPOLIS
 - OUR LONG-TERM JOB IS TO TEACH OTHERS
 HOW TO PRODUCE, USE, INTERACT WITH, AND
 INFLUENCE PUBLIC PROCEEDINGS.







PRO FORMA CASH BUDGET (\$3.5M/5 YEARS)

	2006	2007	2008	2009	2010
AVOC 32x32 SWITCH	18,650	24,600	24,600	24,600	24,600
8x FIBER TO CAPITOL	29,430	35,040	35,040	35,040	35,040
16x FIBER TO CAP	52,020	69,360	69,360	69,360	69,360
4x Fiber Single Run	25,200	33,600	33,600	33,600	33,600
0048	103,889	137,052	137,052	137,052	137,052
STAFF AND TRAVEL	220,000	233,200	247,192	262,023	277,744
EQUIPMENT PURCHASE	150,000	75,000			
CAP BUILDOUT	80,000				
OVERHEAD (20%)	135,837	108,070	109,364	112,335	115,479
TOTAL	815,026	648,422	656,186	673,910	692,875





