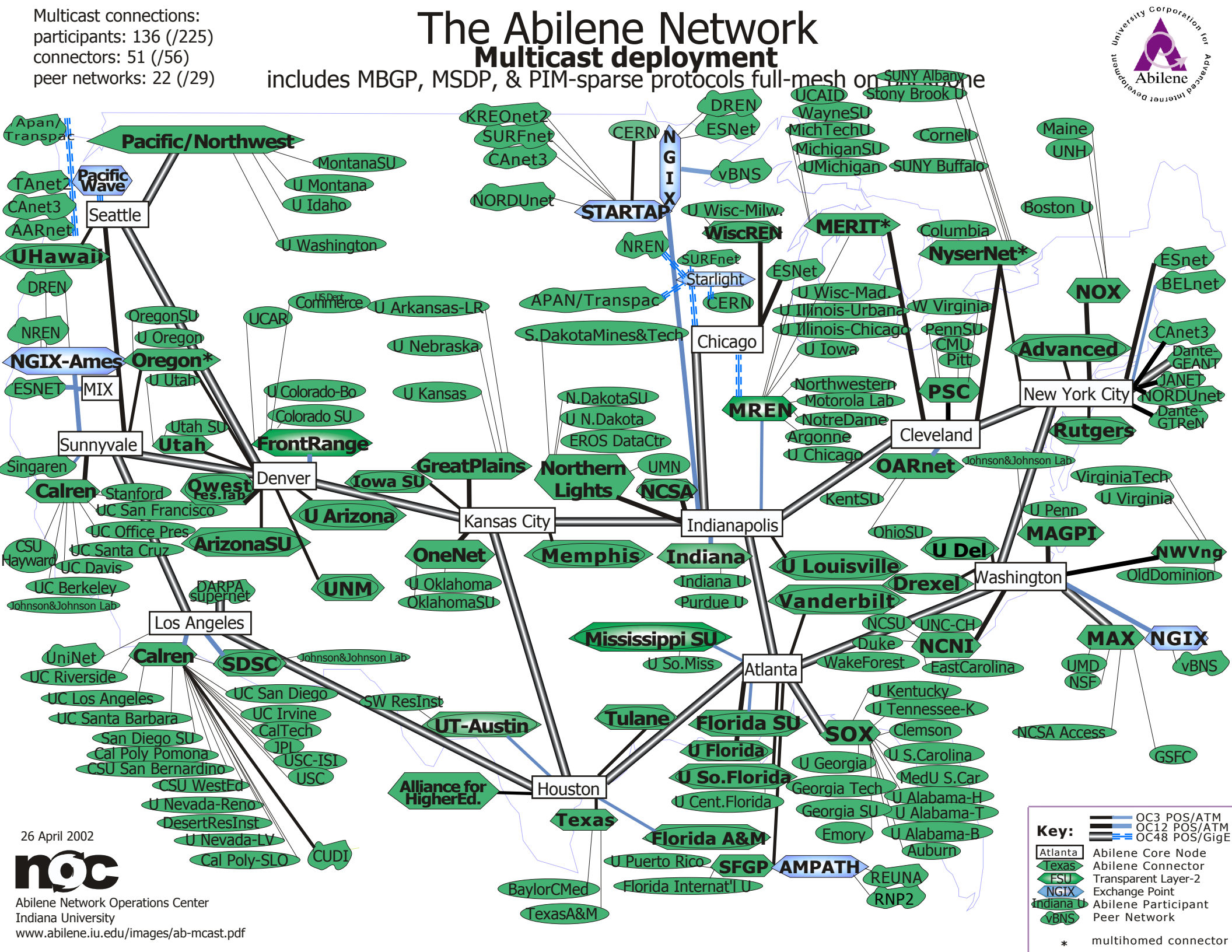
Multicast connections:
participants: 136 (/225)
connectors: 51 (/56)
peer networks: 22 (/29)
The Abilene Network
Multicast deployment
includes MBGP, MSDP, & PIM-sparse protocols full-mesh on Abilene
University Corporation for Advanced Internet Development
Abilene
Apan/Transpac
Pacific/Northwest
Pacific Wave
Seattle
TAnet2
CAnet3
AARnet
UHawaii
DREN
NREN
NGIX-Ames
ESNET
MIX
Sunnyvale
Singaren
Calren
Stanford
UC San Francisco
UC Office Pres
UC Santa Cruz
UC Davis
UC Berkeley
Johnson&Johnson Lab
CSU Hayward
Los Angeles
UniNet
UC Riverside
UC Los Angeles
UC Santa Barbara
San Diego SU
Cal Poly Pomona
CSU San Bernardino
CSU WestEd
U Nevada-Reno
DesertResInst
U Nevada-LV
Cal Poly-SLO
CUDI
SDSC
Johnson&Johnson Lab
SW ResInst
UC San Diego
UC Irvine
CalTech
JPL
USC-ISI
USC
DARPA supernet
MontanaSU
U Montana
U Idaho
U Washington
OregonSU
U Oregon
Oregon*
U Utah
Utah SU
Utah
Denver
Qwest Tes.lab
U Arizona
ArizonaSU
UNM
U Colorado-Bo
Colorado SU
FrontRange
US Dept Commerce
UCAR
U Arkansas-LR
U Nebraska
U Kansas
Iowa SU
GreatPlains
Kansas City
OneNet
U Oklahoma
OklahomaSU
KREOnet2
SURFnet
CAnet3
NORDUnet
CERN
DREN
ESNet
vBNS
NGIX
STARTAP
U Wisc-Milw.
WiscREN
NREN
SURFnet
Starlight
APAN/Transpac
CERN
S.DakotaMines&Tech
Chicago
N.DakotaSU
U N.Dakota
EROS DataCtr
Northern Lights
UMN
NCSA
Indianapolis
Memphis
Indiana
Indiana U
Purdue U
Mississippi SU
U So.Miss
Atlanta
Tulane
Florida SU
U Florida
U So.Florida
U Cent.Florida
Alliance for HigherEd.
Houston
Texas
Florida A&M
U Puerto Rico
Florida Internat'l U
SFGP
AMPATH
REUNA
RNP2
BaylorCMed
TexasA&M
UCAID
WayneSU
MichTechU
MichiganSU
UMichigan
SUNY Albany
Stony Brook U
Cornell
SUNY Buffalo
MERIT*
Columbia
NyserNet*
U Wisc-Mad.
U Illinois-Urbana
U Illinois-Chicago
U Iowa
W Virginia
PennSU
CMU
Pitt
PSC
Northwestern
Motorola Lab
NotreDame
Argonne
U Chicago
MREN
Cleveland
OARnet
KentSU
OhioSU
Maine
UNH
Boston U
NOX
ESnet
BELnet
CAnet3
Dante-GEANT
JANET
NORDUnet
Dante-GTReN
Advanced
New York City
Rutgers
Johnson&Johnson Lab
VirginiaTech
U Virginia
U Penn
MAGPI
U Del
Drexel
Washington
NWVng
OldDominion
Vanderbilt
U Louisville
NCSU
UNC-CH
Duke
NCNI
WakeForest
EastCarolina
SOX
U Kentucky
U Tennessee-K
Clemson
U S.Carolina
MedU S.Car
U Alabama-H
U Alabama-T
U Alabama-B
Auburn
Georgia Tech
Georgia SU
Emory
MAX
NGIX
vBNS
UMD
NSF
NCSA Access
GSFC
Key:
OC3 POS/ATM
OC12 POS/ATM
OC48 POS/GigE
Atlanta Abilene Core Node
Texas Abilene Connector
FSU Transparent Layer-2
NGIX Exchange Point
Indiana U Abilene Participant
vBNS Peer Network
* multihomed connector
26 April 2002
noc
Abilene Network Operations Center
Indiana University
www.abilene.iu.edu/images/ab-mcast.pdf