BRAN In Action

NIST

o 1 fiber strand that takes a circuitous route across BRAN to create a large loop for a NIST clocking testbed

o NIST and CU-JILA for optical experiments (no longer in use)

NOAA - Boulder

o CU and Level 3 Primary connection - 1GE

o CU Backup - 1GE

o FRGP Primary - 10GE

o FRGP Backup - 1GE

o NCAR Backup - 1GE

o NLR FrameNet - 10GE

o BSD Demo - 1GE (no longer in use)

o NOAA-NOAA DWDM testbed - 10G + 2.5G lambdas (now down to one 2.5G lambda)

City of Boulder

o Atrium Building to Public Safety Building (1 pair, 1 Gbps)

o Municipal Building to Public Safety Building via Atrium Building (1 pair, 10 Gbps)

o Municipal Building to George Reynolds Branch Library via Atrium Building (1 pair, 1 Gbps)

o Municipal Building to _____ telecom for BPoP/JPoP Internet connection and Boulder County Longmont connection (3 pair, 3 Gbps)

o Children/Youth/Families Building to Municipal Building via Atrium Building (1 pair, 1 Gbps)

o Iris Center to Municipal Building via Atrium Building (1 pair, 1 Gbps)

o Public Safety Building to Yards (1 pair, 10 Gbps)

o Public Safety Building to Boulder County Communications Center via Yards (1 pair, 10 Gbps)

o 75th St Wastewater Treatment   Plant to Yards via UCAR FL (1 pair, 1 Gbps)

o Fire Station 6 to Yards via UCAR FL (1 pair, 1 Gbps)

o Fire Station 5 to Yards via UCAR FL (1 pair, 1 Gbps)

o UCAR FL to Boulder County Communications Center for use by Boulder County for BVSD fiber connection (1 pair, 20 Gbps)

University of Colorado - Boulder

o Expo - G-net, PBX, CONN, G-net, G-net

o CUPD / CUPD to BPD

o UMS - PBX, ATM,PBX, ATM, (6) CONN, G-net

o ENG - PBX, (19) CONN, PBX

o Three pairs for campus telephones at UMS (150 Mbps per pair)

o One pair for Ethernet service at CINC (777 Exposition)

o One pair for Ethernet service at UMS to Reynolds BR (1Gbps)

o One pair for Ethernet service at the CU-Foundation (1Gbps)

o One pair for connection to FLC at CINC for PBX (1Gbps)

o One pair for test connection to NCAR (1b Gbps)

o Three pairs for (x2) connection to lightning point at NCAR (x Gbps) lightning

o One pair for connection to NLR (1 Gbps)

o One pair for connection to N. Joules at ...

o One pair for connection to FLC at SBBE (x /...

National Center for Atmospheric Research

o ML TeraGrid 10G igE

o FL2-TCOM 10G igE

o ML-L3B T1 MUX Ring (West)

o ML-L3B T1 MUX Ring (East from Red 3,4)

o ML-FL (SaSS)

o ML-CG G igE

o MLR(B)-FLR(B) G igE

o ML-L3B T1 MUX Ring (East to White 3,4)

o MLR(A)-FLR(A) G igE

o MLR(A)-FLR(A) 10 G igE

o ML-TCOM 10G igE

o TCOM-UNCAVCO 1G

o Boulder-Longmont (BISON) 2.5 G ig

o Boulder-Denver (BISON) 2.5 G ig

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- FRGP Primary - 10GE
- FRGP Backup - 2x1GE
- NCAR Backup - 1GE
- NLR FrameNet - 10GE
- GSD loop - 10GE (no longer in use)
- NOAA-NCAR DWDM testbed - 10G + 2.5G lambdas (now down to one 2.5G lambda)

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- Public Safety Building to Yards (1 pair, 10 Gbps)
- Public Safety Building to Boulder County Communications Center via Yards (1 pair, 10 Gbps)
- 75th St Wastewater Treatment Plant to Yards via UCAR FL (1 pair, 1 Gbps)
- Fire Station 8 to Yards via UCAR FL (1 pair, 1 Gbps)
- Fire Station 5 to Yards via UCAR FL (1 pair, 1 Gbps)
- UCAR FL to Boulder County Communications Center for use by Boulder County for BVSD fiber connection (2 pair, 20 Gbps)

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- One pair for Ethernet service at IBSX (the Reynolds bldg) (1Gbps)
- One pair for Ethernet service at the CU-Foundation (1Gbps)
- One pair for connection to Level3/ICG in Boulder (1Gbps)
- One pair for test connection to NCAR (10 Gbps)
- Three pairs for MRI connection to campus and NCAR (10 Gbps) (in June)
- One pair for connection to NCAR (1 Gbps)
- One pair for connection to NOAA/NIST (1 Gbps)
- One pair to connect CUPD to BRESTA (1 Gbps)

National Center for Atmospheric Research

- ML TeraGrid 10GigE
- FL2-TCDM 10GigE
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- ML-L3B T1 MUX Ring (East from Red 3,4)
- ML-FL (SaSS)
- ML-CG GigE
- MLR(B)-FLR(B) GigE
- ML-L3B T1 MUX Ring (East to White 3,4)
- MLR(A)-FLR(A) GigE
- MLR(A)-FLR(A) 10 GigE
- ML-TCDM 10GigE
- TCDM-UNCAVCO 1G
- Boulder-Longmont (BiSON) 2.5 Gig
- Boulder-Denver (BiSON) 2.5 Gig

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o MLR(A)-FLR(A) GigE

o MLR(A)-FLR(A) 10 GigE

o ML-TCOM 10GigE

o TCOM -UNCAVCD 1G

o Boulder-Longmont (BiSON) 2.5 Gig

o Boulder-Denver (BiSON) 2.5 Gig

BRAN 10TH ANNIVERSARY EVENT - 05/14/10

NAME	AFFILIATION