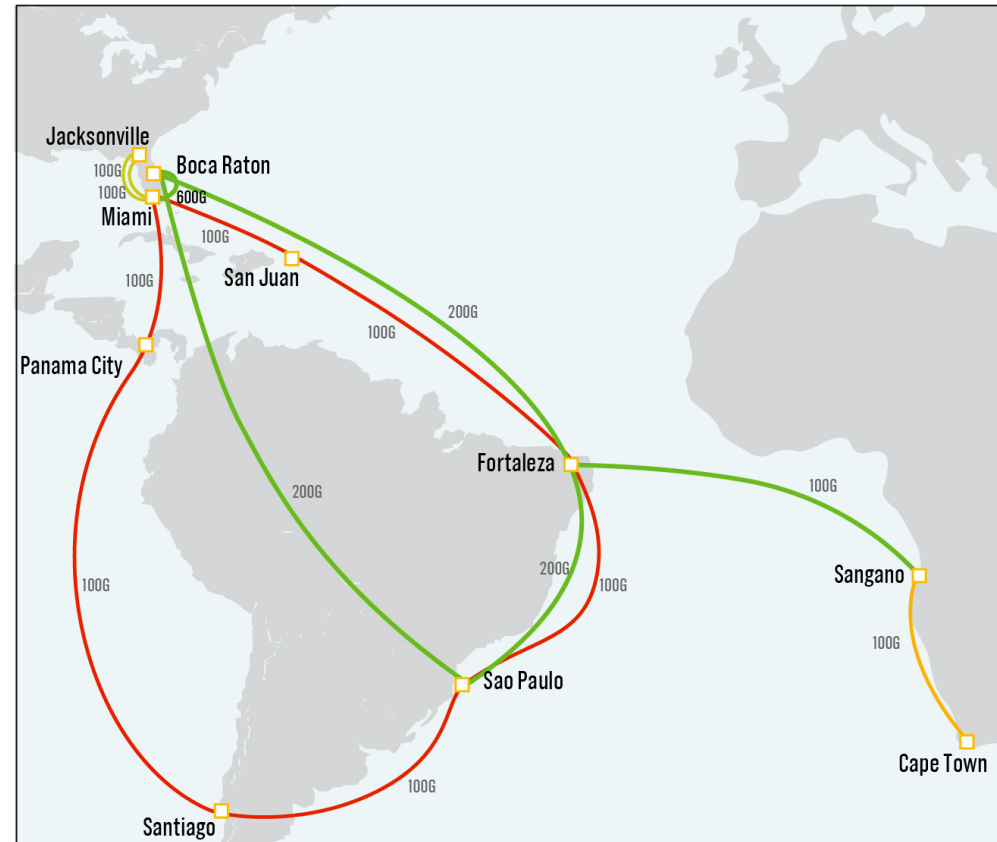


# Current AmLight Network Infrastructure

- (NEW) AmLight Express path using Monet cable system (green), 600Gbps was activated:
  - 200G from Boca Raton to Sao Paulo
  - 200G from Boca Raton to Fortaleza
  - 200G from Sao Paulo to Fortaleza
- (NEW) Using SACS and WACS cable systems (green+yellow), 100G was activated between Fortaleza and Cape Town
- 100G AmLight Protect ring Miami-Fortaleza, Fortaleza-Sao Paulo, Sao Paulo-Santiago, Santiago-Panama, and Panama-Miami (solid red)
- Express and Protect rings are diverse, operating on multiple submarine cables
- Total network capacity presently at **1.2 Tbps!**



*AmLight is collaboration between FIU, NSF, ANSP, AURA, RNP, REUNA, and RedCLARA*

# ANA

- 9x 100G today (CANARIE, ESnet, GÉANT, Internet2, NORDUnet, SURF, IU/NEAAR, NII/SINET)
- Planning ANA Next Generation:
  - V2: IRUs
  - V3: Fiber owner



# AER

- 100G ring (AARNet, GÉANT, NICT, NII/SINET, NORDUnet, SingAREN, SURF)
- Core ingredients:
  - NII's 100G Tokyo-Amsterdam
  - CAE-1 London-Singapore
  - 100G Ring HK-T-S
  - 100G Amsterdam-London





Thank you!