



# FLORIDA PERMANENT REFERENCE NETWORK

## STATE OF THE NETWORK

SPEAKER: RON HANSON

# HARDWARE UPGRADE

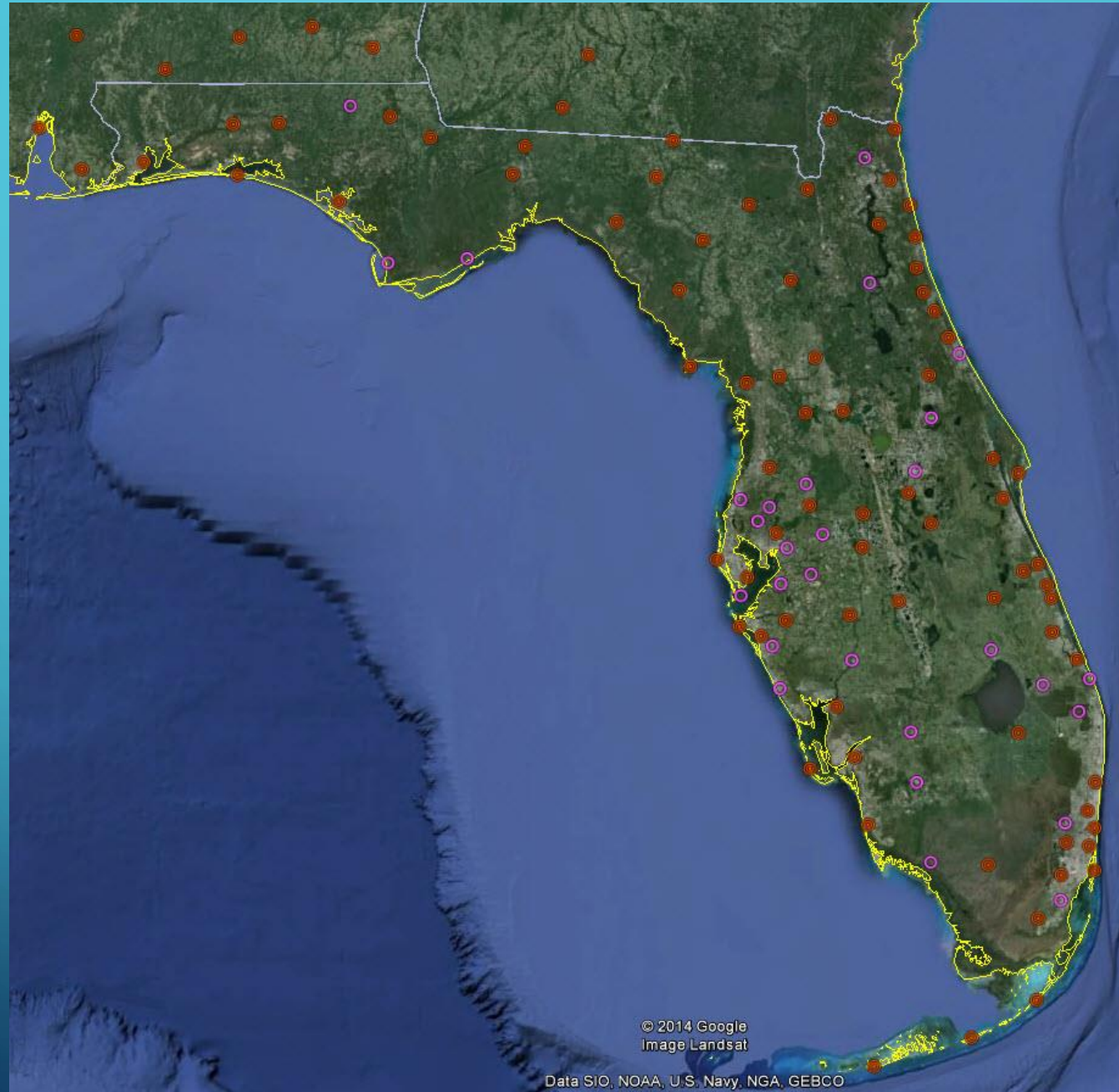
- Server upgraded to high availability server farm
- Each FDOT owned station upgraded to GLONASS capability



# COMMUNICATIONS UPGRADE

- Migrating stations from analog to digital communications
- Cost savings of \$50,000 in first year and \$60,000 every year thereafter





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Image Landsat

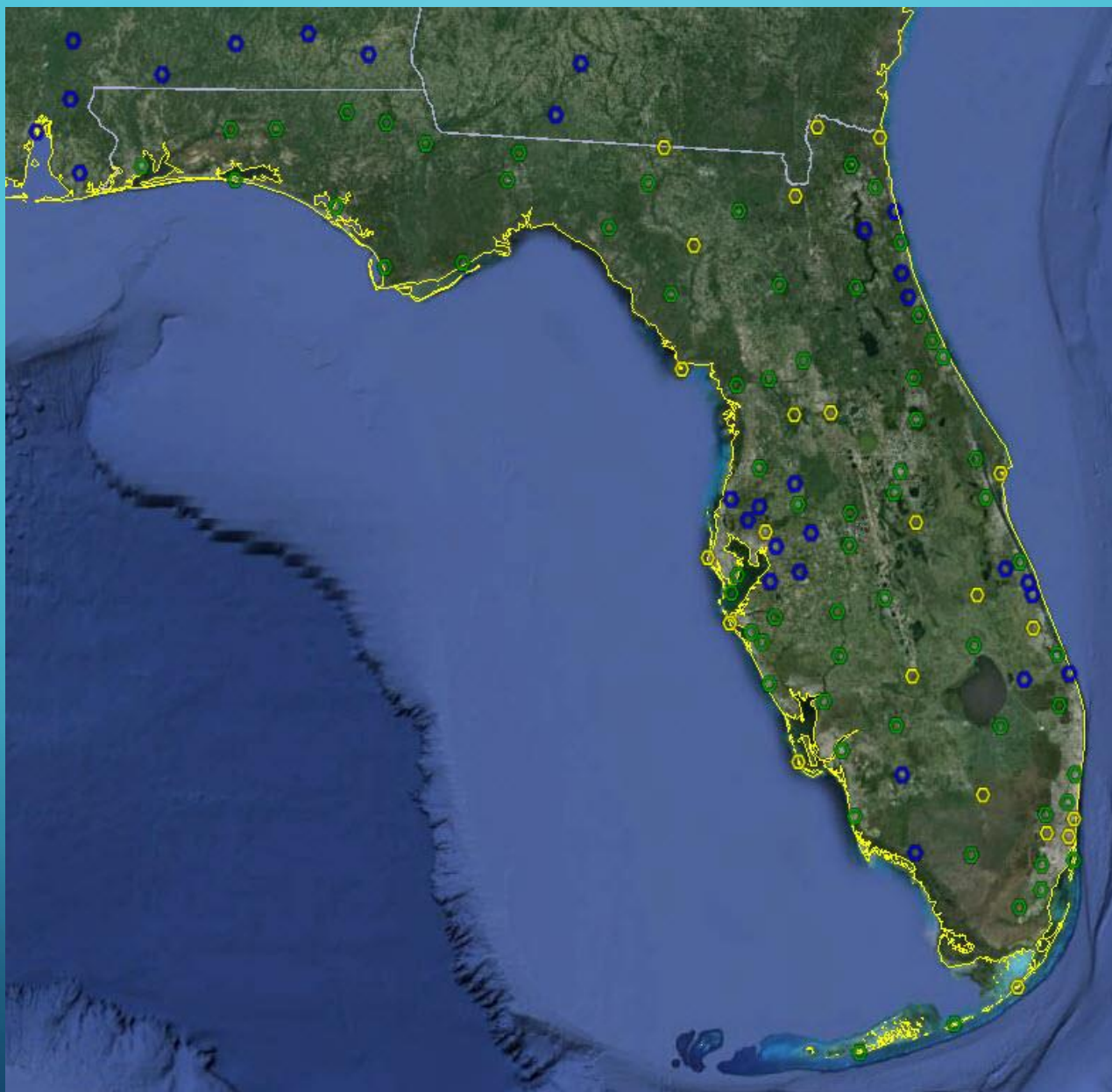
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

# NETWORK EXPANSION

The image features a dark blue gradient background. In the center, the text "NETWORK EXPANSION" is written in a white, bold, sans-serif font. The corners of the image are decorated with white, stylized circuit board traces and nodes, creating a technical and digital aesthetic.



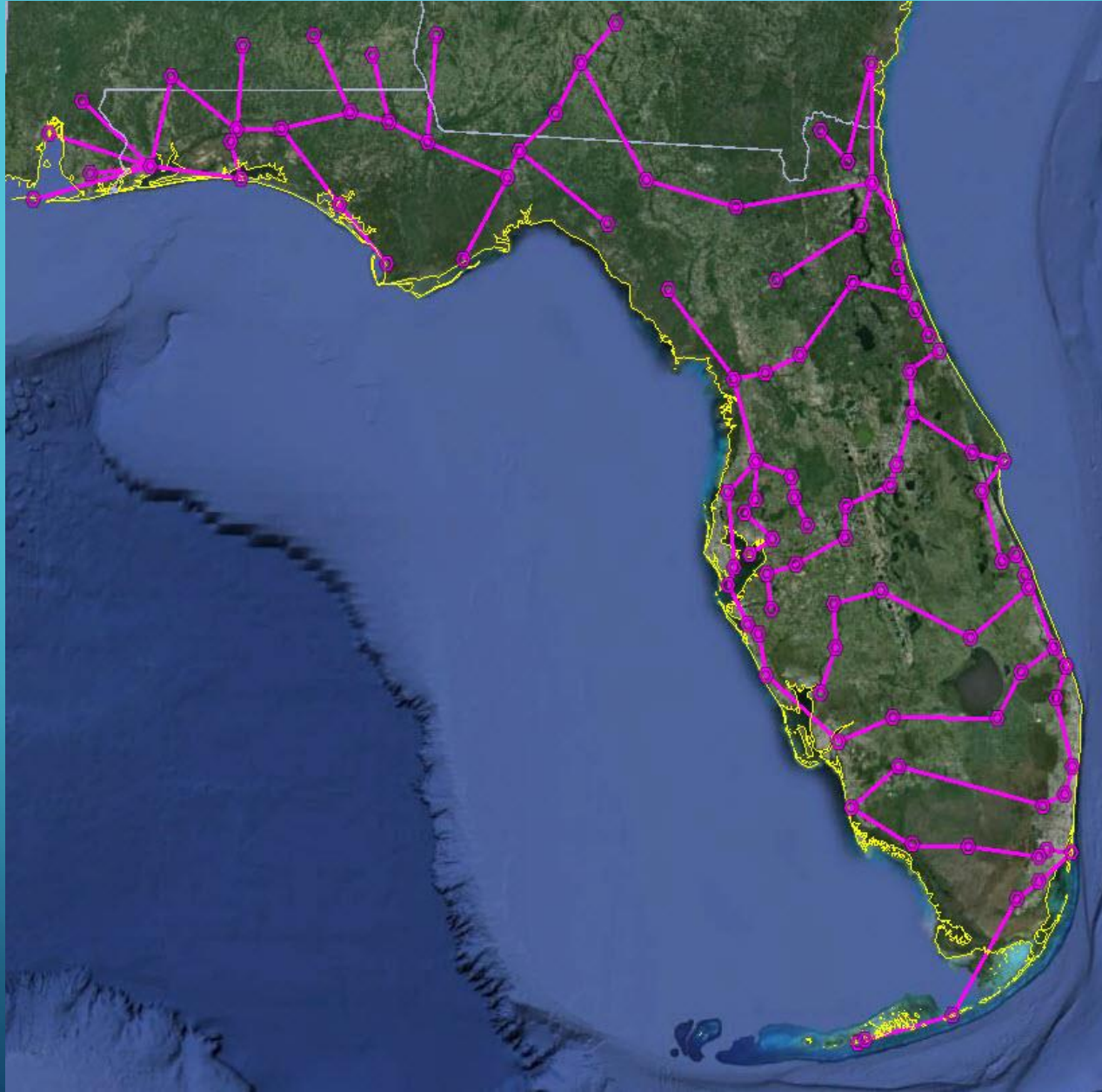






# NETWORK ADJUSTMENT

The image features a dark blue gradient background. In the center, the text "NETWORK ADJUSTMENT" is written in a white, bold, sans-serif font. The corners of the image are decorated with white, stylized circuit board traces and nodes, creating a technical and digital aesthetic.



# HEIGHT MODERNIZATION

The image features a dark blue gradient background. In the center, the text "HEIGHT MODERNIZATION" is displayed in a white, bold, sans-serif font. The corners of the image are decorated with white, stylized circuit board traces and nodes, creating a technical or digital aesthetic.

# STRUCTURE MONITORING







*Sunshine Skyway Bridge*

*Dames Pointe Bridge*

