



Giant Magellan Telescope

Presented by

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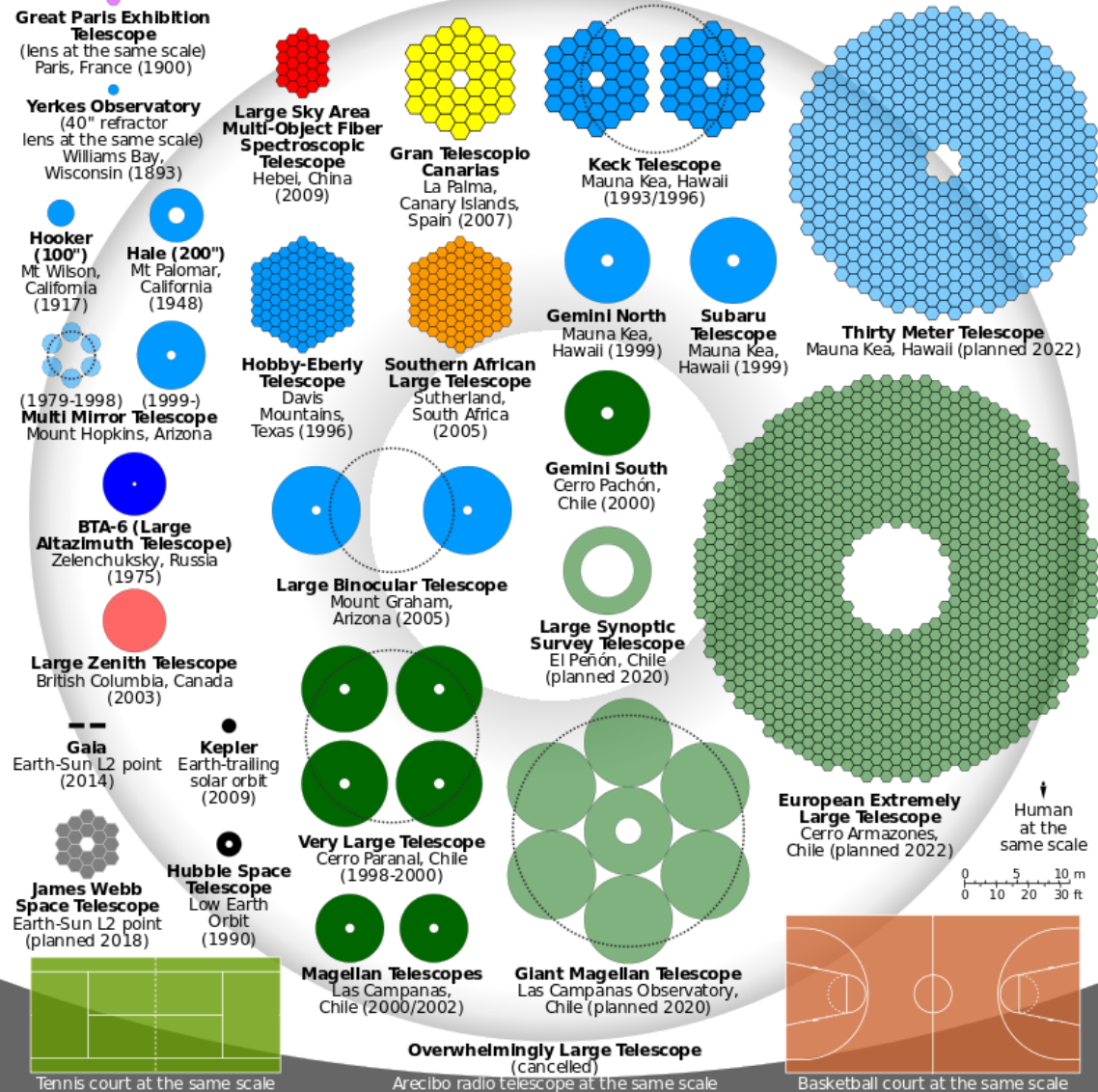
IT Director and
Information Security Officer

Career



Mirror Types

GIANT MAGELLAN
TELESCOPE



A Perfect Mirror



Mirror Status

Each Mirror is 8.4-meter (27.5 feet) mirror — about two stories high when standing on edge

Fabricated at the [University of Arizona's Richard F. Caris Mirror Lab](#) and will take nearly four years to complete.

- S1 – Completed in Storage
- S2 – Completed in Storage
- S3 – In production que
- S4 – In production que
- S5 – In production que
- S6 – Casting

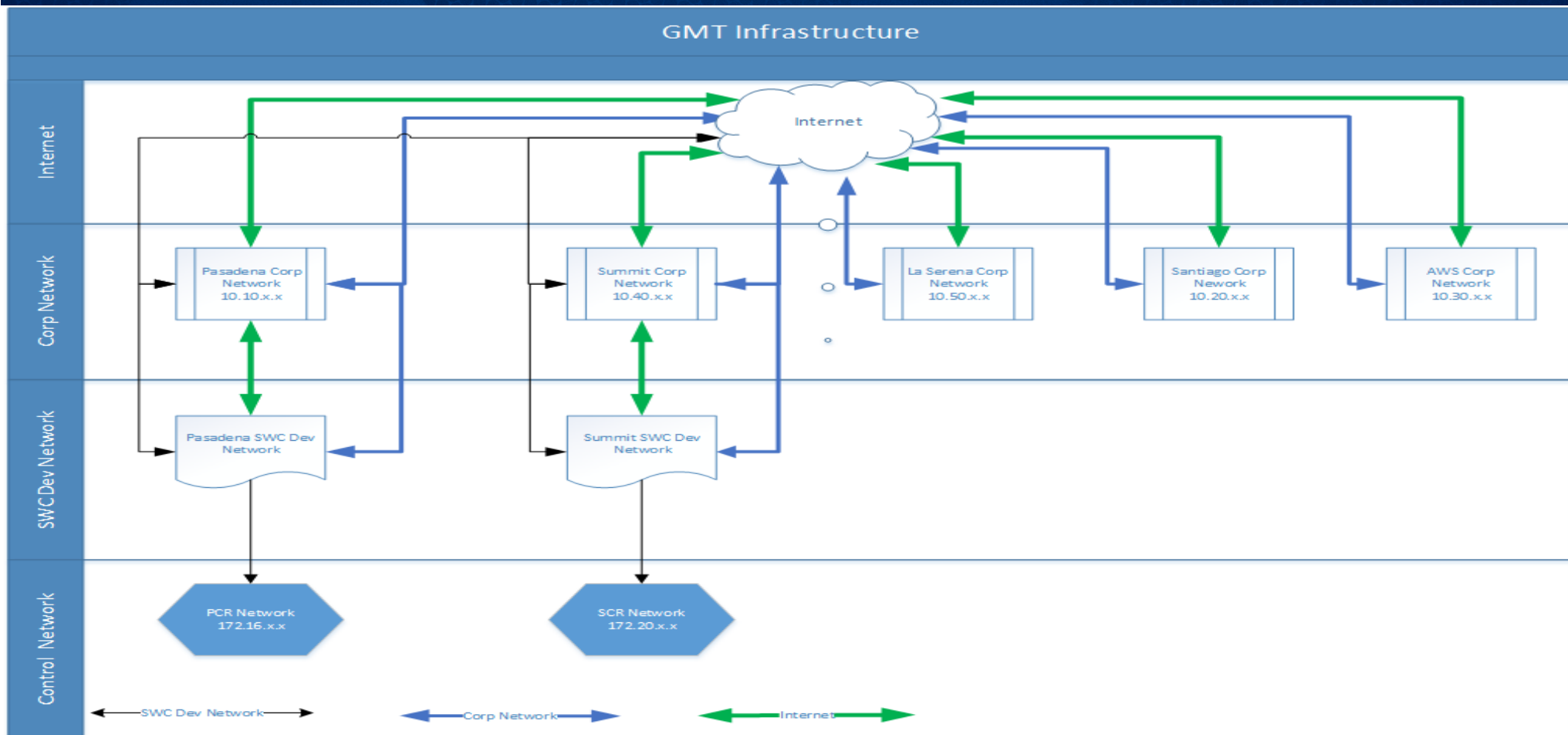
Telescope Enclosure Platform – Feb 21, 2020



Water Tank – Feb 21, 2020



Infrastructure VLAN



GMTO Cybersecurity – Data Center

Pasadena Data Center

- Data
 - Backup locally every hour
 - Backup to Faction Nightly (cloud)
- Pasadena Data Center replicate to the Summit

AWS Services

- Data are backup nightly
- Pasadena Services moving to AWS



Thank You!

<https://www.gmto.org>

GMTO Visit to Brazil, August 2018