UNIVERSITY OF GUAM
INFORMATION TECHNOLOGY
EDUCATE. INNOVATE. CONNECT.

PacNOG 29

November 30, 2021

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HÅFA ADAI!

UNIVERSITY OF GUAM
INFORMATION TECHNOLOGY
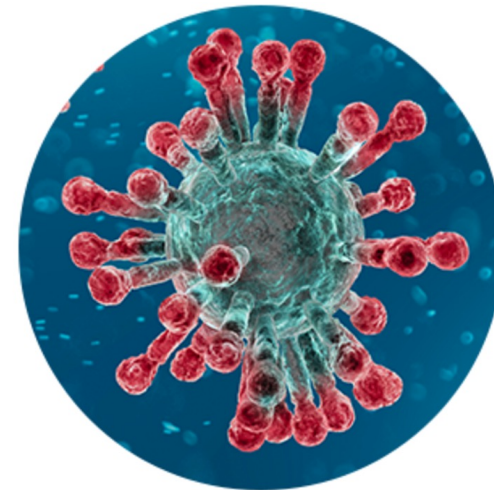EDUCATE INNOVATE CONNECT

University of Guam

- Located in Mangilao

- Population ~4,000 students

- WASC-Accredited

- 4 year institution

COVID Initial Impacts

- Low enrollments

- Remote work/learning

- Infrastructure project delays

COVID Quickfix

- Push all courses online

- Utilize VPNs, and issued equipment

- Refocus on software and hardware maintenance upgrades

COVID Improvements

- Local Big Blue Button server, drop latency below 20 ms

- Issue dedicated LTE MiFi devices to limit bandwidth overload at home

- Improved outdoor Wi-Fi capabilities

COVID W.I.P. to the future

- Hybrid / Hyflex

- Implementing Green zones and improved outdoor wireless access for open areas and parking lots

- Expanding and upgrading campus LAN connectivity for classrooms and offices

Campus Improvements

- Transition to VOIP

- Improving self service and paperless services

- Increased online web presence

- IT investing in mentorship, and career paths

BEST
COLLEGES
U.S. News & WORLD REPORT
SOCIAL MOBILITY
2022

Guam Open Research and Education eXchange | AS35889

- Remote hands

- Managed by University of Hawaii

- 100G to Hawaii, Australia, Japan Singapore (soon)

- L2/L3 exchange peerings with Internet2, REANNZ, AARNET, WIDE, UOG, UH SingAREN (soon)

MARiana Islands Internet eXchange AS23676

- Managed by University of Guam

- Collaboration with NSRC

- Peers with Docomo, GTA, IT&E, PDS, HE CloudFlare and WIDE services soon
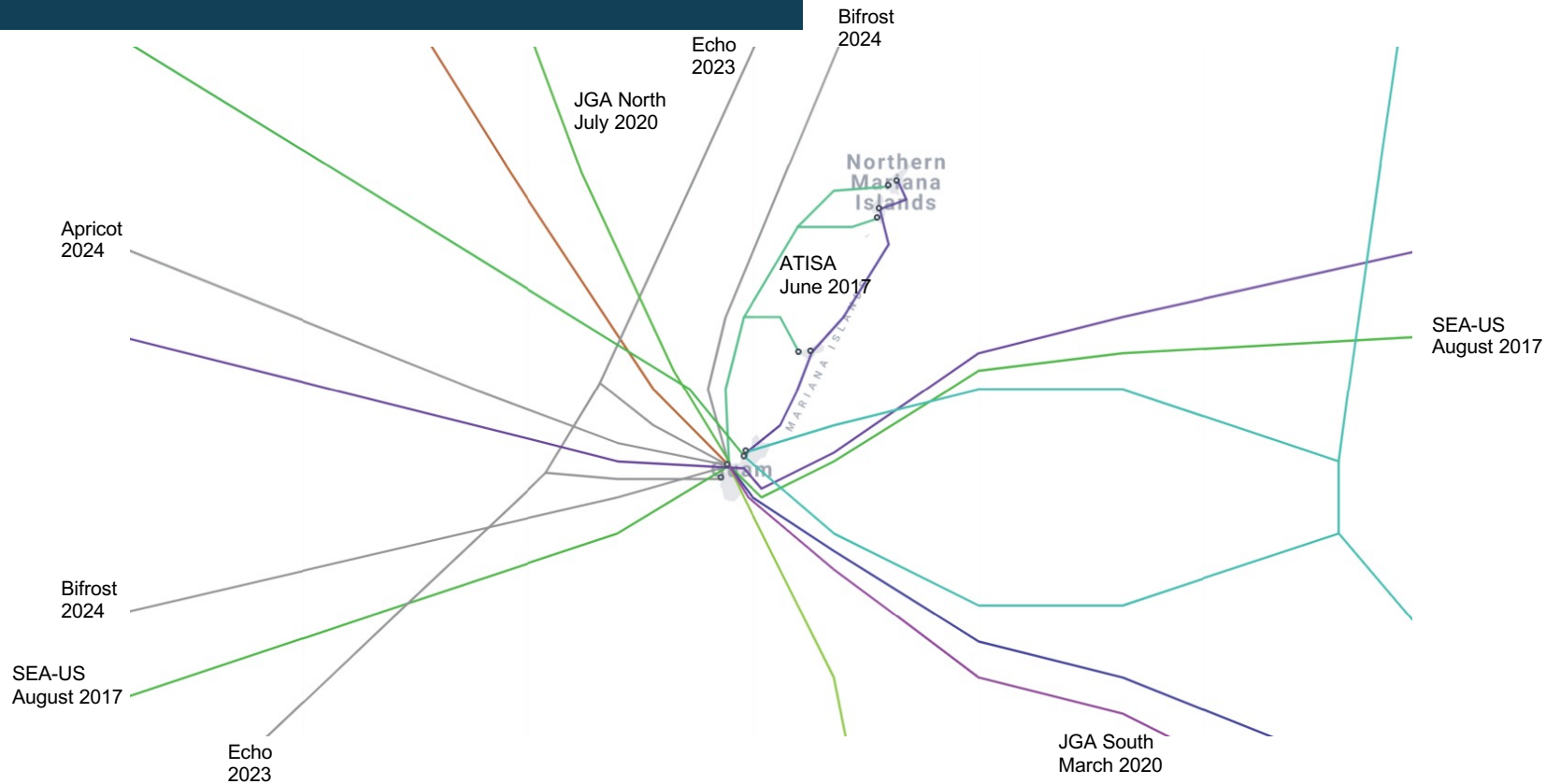
- .GU ccTLD

Esports

- Thriving through pandemic

- Testing and pushing connectivity
  Locally and internationally

- Recent tournament, with 80+ participants
  Guam and International

- OneQode: Gaming server company

Recent and Future Cable Systems

Si Yu'us Ma'åse

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