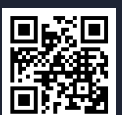
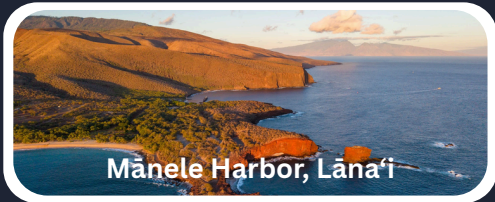
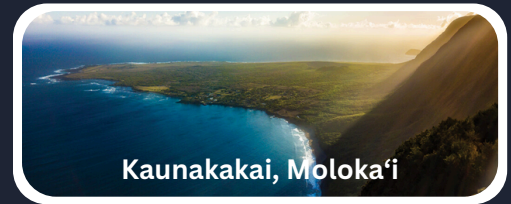


Connecting Communities

The Hawaiian Islands Fiber Link (HIFL) is a next-generation, carrier-neutral, open access, unrepeated submarine cable system designed to enhance inter-island broadband infrastructure across Hawai'i. The project entails the deployment of a high-capacity subsea fiber optic network interconnecting O'ahu, Hawai'i (Big Island), Maui, Kaua'i, Lāna'i, and Moloka'i, enabling scalable, low-latency, and resilient connectivity between the islands.



Product Offerings

O'ahu Points of Presence (PoPs)

| Cable Landing Station | Managed Ethernet Capacity | Dark Fiber Pair |
|------------------------------------|---------------------------|-----------------|
| DR Fortress Primary | ✓ | ✓ |
| UH West O'ahu Primary | | ✓ |

Maui Points of Presence (PoPs)

| Cable Landing Station | Managed Ethernet Capacity | Dark Fiber Pair |
|--------------------------------------|---------------------------|-----------------|
| UH Maui College Primary | ✓ | ✓ |

Lāna'i Points of Presence (PoPs)

| Cable Landing Station | Managed Ethernet Capacity | Dark Fiber Pair |
|-----------------------|---------------------------|-----------------|
| N/A | | ✓ |

Moloka'i Points of Presence (PoPs)

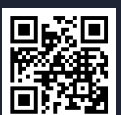
| Cable Landing Station | Managed Ethernet Capacity | Dark Fiber Pair |
|---|---------------------------|-----------------|
| Molokai Education Center Primary | ✓ | ✓ |

Kaua'i Points of Presence (PoPs)

| Cable Landing Station | Managed Ethernet Capacity | Dark Fiber Pair |
|---|---------------------------|-----------------|
| UH Kauai Community College Primary | ✓ | ✓ |

Hawai'i Points of Presence (PoPs)

| Cable Landing Station | Managed Ethernet Capacity | Dark Fiber Pair |
|------------------------------|---------------------------|-----------------|
| UH Hilo Primary | ✓ | ✓ |



Technical Specifications

HIFL delivers high-capacity inter-island connectivity through Ethernet transport services (10G, 100G, and 400G) offering scalable, low-latency solutions with flexible interconnection options. Customers may connect directly at the Cable Landing Station (CLS), colocate equipment at key interconnection facilities, or procure local access from third-party providers. Where available, HIFL offers integrated access solutions to provide seamless, end-to-end connectivity

Parameter Platform

Ciena Ciena 6500 RLS equipped with WL6e Technology

Supported Interfaces (Ethernet)

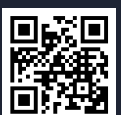
| 10G | 100G | 400G | |
|--|--|--|---|
| <ul style="list-style-type: none"> • 10GBASE-SR • 10GBASE-LR • 10GBASE-ER | <ul style="list-style-type: none"> • 100GBASE-SR4 • 100GBASE-LR4 | <ul style="list-style-type: none"> • 400GBASE-FR4 • 400GBASE-LR4 • 400GBASE-DR4 | *If desired product type is not listed, customers may inquire for availability* |

Interconnection Options

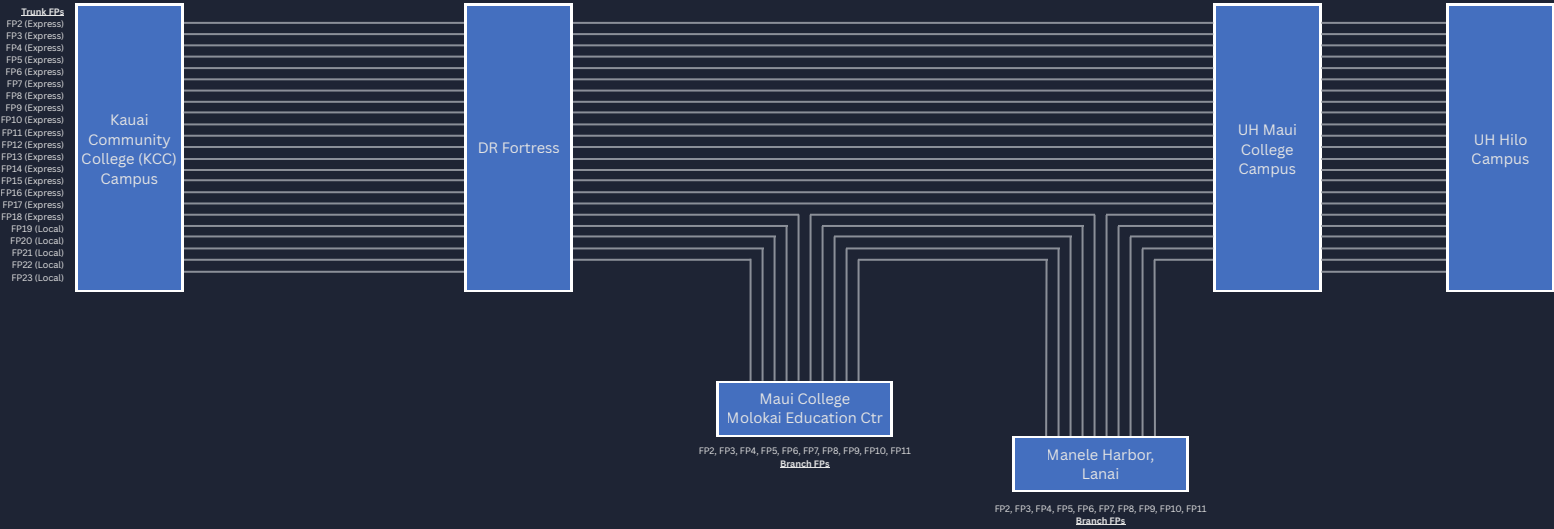
| Direct connect at CLS | Colocation at designated facilities | Third-party access (customer provided/HIFL integrated) |
|-----------------------|-------------------------------------|--|
| ✔ | ✔ | ✔ |

Latency Chart

| Site A | Site B | Distance (km) | RTD (ms) |
|------------------------|--------------------------------------|---------------|----------|
| DRFortress | Kauai Community College (KCC) Campus | 238.5 | 2.328 |
| DRFortress | UH Maui College Campus | 239.9 | 2.342 |
| DRFortress | UH Hilo Campus | 486.2 | 4.747 |
| UH Maui College Campus | UH Hilo Campus | 246.4 | 2.405 |
| DRFortress | Maui College Molokai Education Ctr. | 175.4 | 1.712 |
| DRFortress | Manele Harbor, Lanai | 258.0 | 2.519 |



Fiber Map (Unrepeated)



HIFL Middle Mile

The Interisland Backbone of Connect Kākou

HIFL is a key part of the state’s Connect Kākou initiative to ensure reliable, affordable access to high-speed internet for all residents. This initiative aims to build infrastructure to connect unconnected and underserved areas, with the goal of achieving universal access by 2030.

As a part of the Connect Kākou initiative, the HIFL project provides the “Middle Mile” backbone needed to connect the islands and enable high-speed internet access statewide. This infrastructure, combined with “Last Mile” connections that reach directly into communities, will empower local providers to deliver high-quality internet to homes, schools, and businesses across the islands.

