

THE QUILT

Commodity Internet Services Project



2024
Annual Report



LETTER TO THE COMMUNITY

July 1, 2025

Quilt Members,

The Quilt Commodity Internet Services (CIS) Project Committee is pleased to share its 2024 Annual Report. This report is generated by gathering data from several sources including: member responses to our annual CIS survey, the CIS project's Authorized Quilt Provider (AQP) reported data, and marketplace data as collected and reported by TeleGeography. After analysis by the committee, the data is compiled into a report to the community highlighting the value of the CIS Project to our members and Authorized Quilt Buyers (AQB's) which participate in the program.

This Annual Report captures data on:

1. Circuit data
2. Bandwidth growth
3. Pricing statistics
4. Transit data
5. Authorized Quilt Provider satisfaction ratings

Over the past 24 years, this program has saved the community tens of millions of dollars. You can help make the program stronger by sharing your thoughts and suggestions with the committee. If you would like to become more involved in the program, please consider becoming a member of the CIS Working group.

Sincerely,
The CIS Project Team

BY THE NUMBERS

CIS Program Overview

The Quilt has now been collecting Commodity Internet Service data from its membership community for 24 years. This Annual report highlights the on-going benefits of the CIS Program which are:

- ✓ To leverage aggregate community buying power and provide lower CIS pricing for Quilt members and Authorized Quilt Buyers (AQB)
- ✓ To encourage CIS providers to develop features and services in support of the Research and Education community
- ✓ To reduce Quilt member staff hours spent on individual RFP efforts and CIS provider management
- ✓ To strengthen community relationships with national CIS providers through The Quilt CIS Liaisons
- ✓ To collect and disseminate CIS marketplace intelligence to The Quilt community

QUILT
MEMBERS



42

AUTHORIZED QUILT
BUYERS



704

VENDOR REPORTED
BANDWIDTH



3.7 Tbps

BY THE NUMBERS

COMMITTED AQB BANDWIDTH GROWTH STARTING IN 2003

12.4 Gbps
2003

125 Gbps
2010

1.75 Tbps
2020

3.08 Tbps
2023

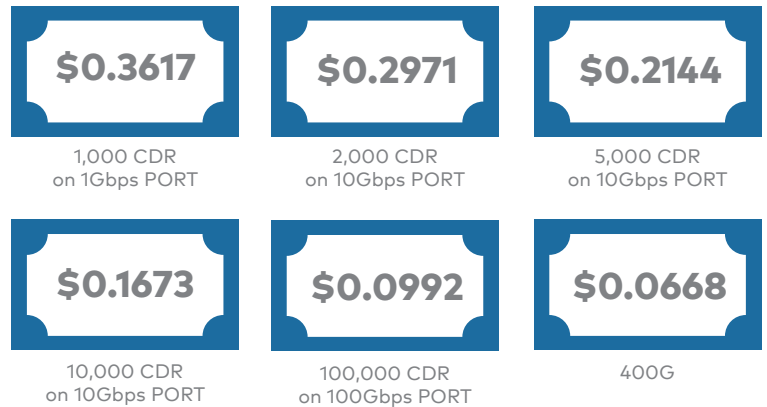
3.7 Tbps
Current Total
Aggregated
Bandwidth

METRICS

QUILT CIS PRICING COMPARED TO MARKETPLACE³

TeleGeography is a Global IP transit database that The Quilt subscribes to in order to gather national bandwidth pricing and uses for comparison to Authorized Quilt Provider (AQP)

AVERAGE OF QUILT PRICING BY % OF PROVIDER COMMITTED BANDWIDTH (Q1 2025)

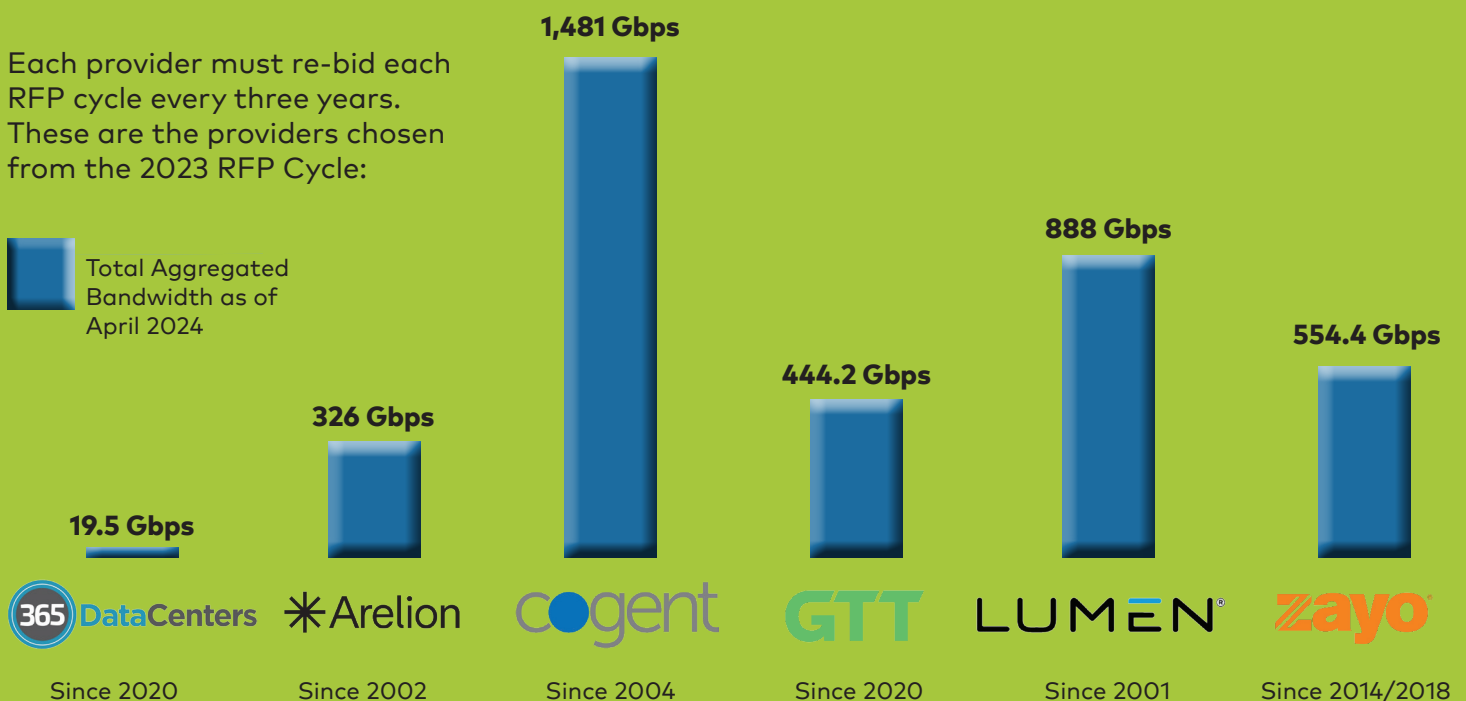


Q1 2025 AVERAGE TELEGEOGRAPHY PRICING



CURRENT AUTHORIZED QUILT PROVIDERS (AQPs)

Each provider must re-bid each RFP cycle every three years. These are the providers chosen from the 2023 RFP Cycle:



How are AQPs doing from a member point of view?

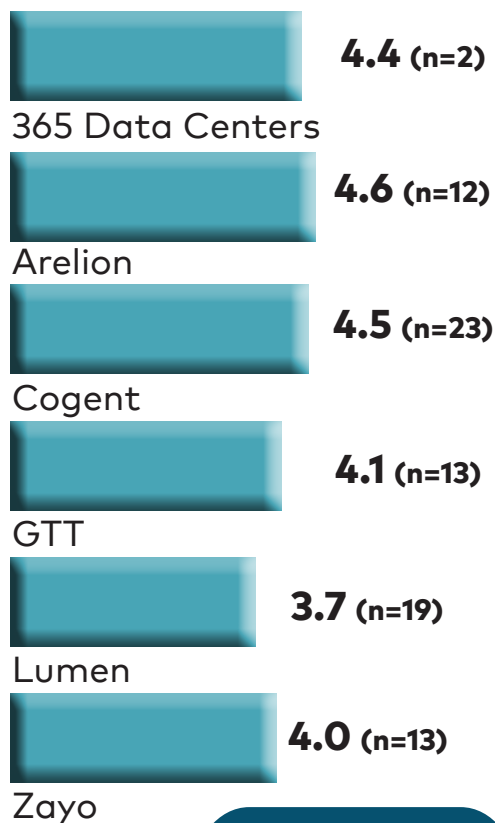
Scores are an average across all providers

Satisfaction Rank:

- 1 (Extremely dissatisfied)
- 2 (Somewhat dissatisfied)
- 3 (Neutral)
- 4 (Somewhat satisfied)
- 5 (Extremely satisfied)

AQP SATISFACTION SCORES¹

Individual AQP Total Average Satisfaction



4.2

NEW SALES SUPPORT
AND QUOTES



4.1

EXISTING SALES SUPPORT
AND QUOTES



4.3

TECHNICAL KNOWLEDGE
OF KEY SALES PROCESS
SUPPORT STAFF



4.0

CONTRACT AND
NEGOTIATION PROCESS



4.4

CIRCUIT INSTALLATION
TIMELINESS AND
PROCESS



4.7

CIRCUIT RELIABILITY AND
QUALITY OF SERVICE



4.1

RESPONSE FROM NOC
TO TROUBLE REPORTS



4.4

TECHNICAL KNOWLEDGE
OF KEY NOC STAFF



3.9

PRICING



4.4

TICKET RESOLUTION



4.1

REQUEST FOR
OUTAGE RESPONSE



TRENDS

TRENDS WE ARE WATCHING IN THE MARKETPLACE:

- Wave services
- Diverse connectivity for resiliency
- Additional DDoS and security solutions
- Special projects/interests with different vendors
- Vendor facilities to support quantum networking
- Long-term / Dark Fiber IRUs for expansion and resiliency
- Colocation and connectivity into additional carrier neutral facilities
- Hyper-scaler consumption of dark fiber, increasing scarcity and driving up prices
- Increasing costs at data centers and carrier neutral facilities, including cross-connects

SOURCES

1. The Quilt Annual CIS Survey
2. Authorized Quilt Provider Reports
3. TeleGeography

THE QUILT



THANK YOU

We wish to thank the CIS Project Committee for their leadership, expertise and time they contribute to the on-going success of the program.

Barry Bryson,
Utah Education and Telehealth
Network (Co-Chair)

Michael Lambert,
3ROX (Co-Chair)

Andrew Cole (MARIA)

Peter Correia (CEN)

Dave Diller (MAX)

Dave Farmer (Northern Lights)

Jonah Keough (PNWGP)

Mike LeVair (Northern Lights)

Gabriel Lopez (Sun Corridor)

Brad McCoy (Indiana GigaPOP)

Bruce Tyrell (NJEDGE)

Charles Von Lichtenberg, (NoX)

Caroline Weilhamer
(Indiana GigaPOP)

Melissa Xiong (Northern Lights)



Please contact Jennifer Griffin with any questions or comments: griffin@thequilt.net