Integrity Technologies Corp &
Integrity Advanced Technologies, LLC

Prepared for the Technical Exchange Meeting (TEM)

September 2025

DISA

Capabilities Brief

A DISA Basic Agreement Partner

ITC and IAT, 4200 James Ray Drive, Grand Forks, ND 58202

Please Visit Our Web Site: www.integritatech.com

INTEGRITY TECHNOLOGIES CORPORATION

INTEGRITY ADVANCED TECHNOLOGIES

Presenter - Managing Director – J. Andrew Pitman, II

Experienced in Start-ups and Corporate Rebranding/Turn Arounds

- 1986 – 10 years AT&T – Engineer/Program Manager/Product Manager- Managed portfolio of over $400M in AR and awarded 7 patents
- 1996 – 2 years Kinnevik, AB – Tele-2, Millicom Cellular, GET2Net and CCC. Technical Director (200 high tech companies) Responsible for all technical direction
- 1999 – 13 years Qwest Communications- International Engineering - Responsible for supporting key DOD domestic and international networks.
- 2012- 8 years Level 3 – Business Development – Responsible for development of key domestic and international DoD programs.
- 2019 – 2 years – Alaska Communications – VP Business Development Key initiatives for outside Alaska revenue generation. Supported the PAC Rim contract (IPTS) awardee as the primary subcontractor. (acquired by ATN-I)
- 2021- 2 years
    - OneWeb (VP of Carrier and Enterprise) acquired by EUTelSat - Responsible for more than 90% of the company's revenue.
    - DISA for 6 months (Apr to Sept 2021) - Executive Consultant for the Mission Assurance Directorate - Co authored an International Critical Infrastructure Security Reference Guide FY 2021. (Classified)
- 2023 – 2.5 Years GBS- VP Business Development of Submarine Fiber Optic Cable Systems and terrestrial network services.
- 2023 – Founder and Managing Director/CEO - ITC – Readied company for a July 2024 on-time launch. Revenue started in Sept 2024.
- 2024 (Dec) - Started IAT, the ANC 8(a) 1st award in May and billing-initiated July 2025.

Integrity Technologies Corp (ITC) at a Glance

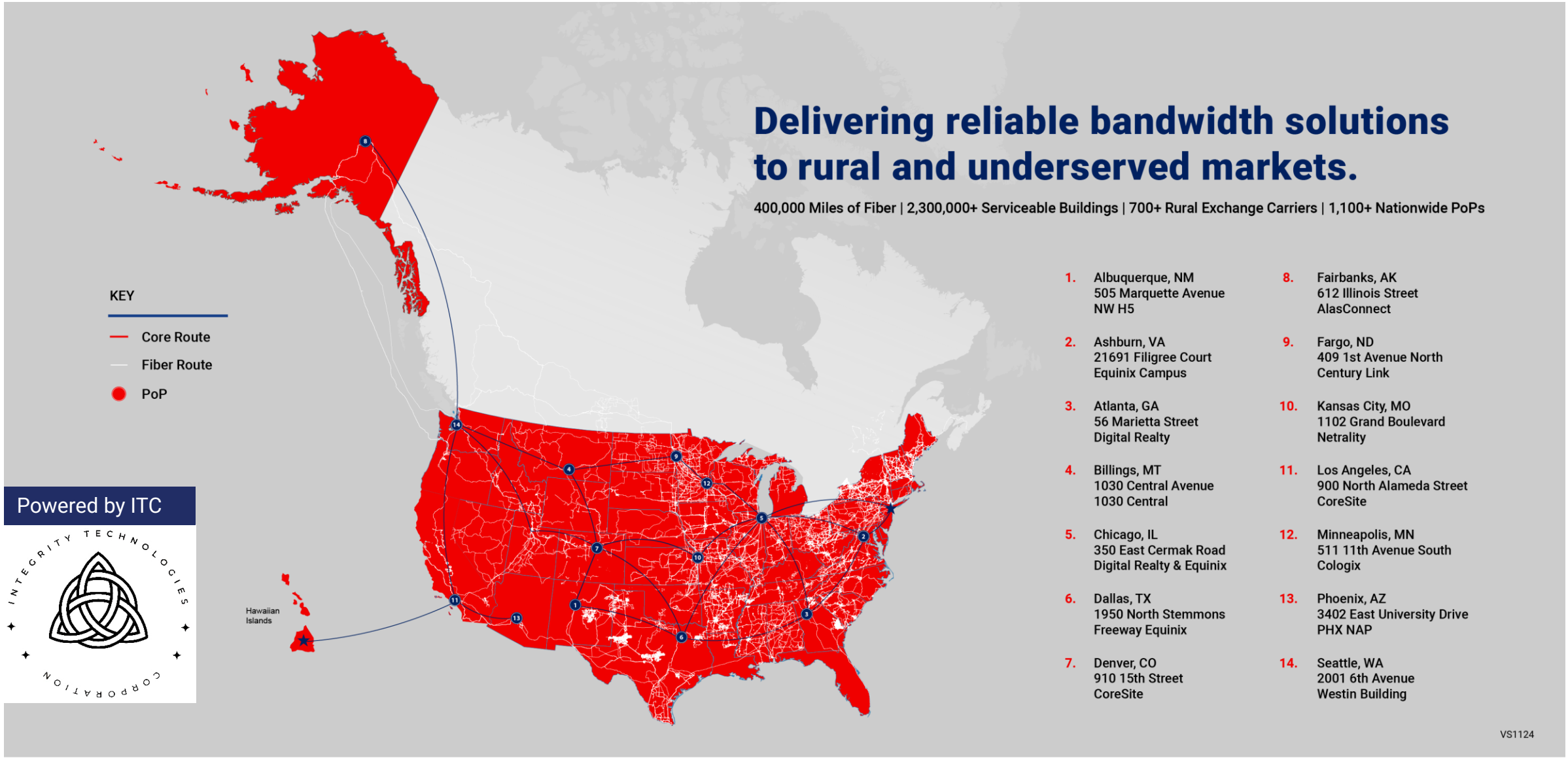
A small business based in North Dakota; Integrity Technologies has acquired more than 400,000+ route miles of Dark Fiber network with the ability to provide IP based services on a national basis.

ITC provides: Dedicated Internet Access (DIA), Dark Fiber, Managed and Unmanaged Spectrum, Lit Layer 2 and Layer 3 Ethernet Private Line Services. We also provide managed SDWAN.

Founded: 2021
Headquarters: Grand Forks, ND
Employees: Under 10
Socio Economic Status: Self Certified Small Business
Government Contracts: Currently supplying Telecommunications Services to GSA EIS primes. We also have enterprise customers.
FCC Licensed 214 Carrier
Non-Traditional Government Contractor

- **400,000+ Route Miles of Fiber**
- **Connecting 14 Major Data Centers (DC) and 58 Regional DCs.**
- **2.3M+ Serviceable Buildings**
- **More than 750 Rural Local Exchange Companies**
- **1,100 Nation-wide POPS & 5,500 Serving Wire Centers**
- **Latest fiber technology capable of capacity up to 24TB per fiber**

Integrity Technologies Corp (ITC) at a Glance



Delivering reliable bandwidth solutions to rural and underserved markets.

400,000 Miles of Fiber | 2,300,000+ Serviceable Buildings | 700+ Rural Exchange Carriers | 1,100+ Nationwide PoPs

1. Albuquerque, NM
   505 Marquette Avenue
   NW H5
2. Ashburn, VA
   21691 Filigree Court
   Equinix Campus
3. Atlanta, GA
   56 Marietta Street
   Digital Realty
4. Billings, MT
   1030 Central Avenue
   1030 Central
5. Chicago, IL
   350 East Cermak Road
   Digital Realty & Equinix
6. Dallas, TX
   1950 North Stemmons
   Freeway Equinix
7. Denver, CO
   910 15th Street
   CoreSite
8. Fairbanks, AK
   612 Illinois Street
   AlasConnect
9. Fargo, ND
   409 1st Avenue North
   Century Link
10. Kansas City, MO
    1102 Grand Boulevard
    Netrality
11. Los Angeles, CA
    900 North Alameda Street
    CoreSite
12. Minneapolis, MN
    511 11th Avenue South
    Cologix
13. Phoenix, AZ
    3402 East University Drive
    PHX NAP
14. Seattle, WA
    2001 6th Avenue
    Westin Building

VS1124

ITC & IAT Core Competencies

- ✓ **TELECOMMUNICATIONS**
  - ➢ Global Telecommunications Services
  - ➢ Dark and Lit Fiber and Managed and Unmanaged Spectrum
  - ➢ Telecommunications Research & Development R&D Network
  - ➢ Microwave Connectivity for remote Areas
  - ➢ Satellite Network Communications
  - ➢ SatCom Services; GEO, LEO, MEO, & SDWAN
- ✓ **Professional Services**
- ✓ **Terrestrial Fiber Optic Cable Systems**

Integrity Advanced Technologies, LLC our ANC 8(a)

TEYA SUPPORT SERVICES

SBA Certified 8(a) and Alaska Native Corporation
UEI: UEDFCUYALXZ1
CAGE: 8HK11
Location: Headquartered in Anchorage, AK
Primary NAICS: 236220
Employees: 700+
Yrs in Business: 20
FCL: Secret
Other Certs: CIMS Certified with Honors

SBA
U.S. Small Business Administration
8(a) CERTIFIED

Integrity Technologies Corp.

Self Certified Small Business
UEI: VFTZBK3FA7H6
CAGE: 0NQQ1
Location: Headquartered in Grand Forks, ND
Primary NAICS: 517111
Employees: Under 10
Yrs in Business: 4
FCL: None
Non-Traditional Government Contractor

IAT has a current Basic Agreement and has provided services to DISA
Provides Primarily Terrestrial Layer 1-3, Fixed Wireless and includes satellite connectivity

TEYA at a Glance

TEYA SUPPORT SERVICES

Mission Statement

Teya Support Services, LLC (Teya), an Alaska Native Corporation (ANC), 8(a) and Small Disadvantaged Business (SDB), excels in providing professional services to government and commercial clients. With expertise in construction, project management, logistics, operations and maintenance, staffing, and custodial services, Teya ensures measurable results and effective change acceptance. Our streamlined structure and strong financial position enable prompt responses to project needs.

- **Founded:** 2005
- **Headquarters:** Anchorage, AK
- **Employees:** 700+
- **Socio Economic Status:** ANC, 8(a), SDB, ISBEE
- **Certifications:** CIMS Certified with Honors
- **Government Contracts:** 50+ Active contracts

SBA
U.S. Small Business Administration
8(a) CERTIFIED

Services

- Construction
- Project Management
- Logistics Support
- Operations and Maintenance
- Staffing
- Custodial Services
- Project and Change Management
- Managed IT Services
- Call/Help Desk Support

Marketing Key Take Aways

Customer top Features and Benefits of ITC, and our network offering

1. **Next-Gen Fiber Infrastructure**
    1. 400,000+ route miles of fiber, much of it deployed within the last 5–10 years through rural broadband funding initiatives both Federal and State governments.
    2. Engineered for high-capacity throughput: up to 20–24 Tbps per fiber
    3. Legacy national networks (built ~2000) are aging past their 25-year design life and limited to ~2 Tbps per fiber pair
    4. Our infrastructure avoids the looming capex burden of fiber replacement faced by older carriers
2. **Robust Edge and Core Presence**
    1. 5,500 Serving Wire Centers and 1,100 Points of Presence
    2. Enables deep metro reach and flexible interconnection with partner ecosystems
3. **Strategic Data Center Integration**
    1. Direct connectivity to 14 hyperscale data centers (100K+ sq. ft.)
    2. Additional 58 regional facilities (≤50K sq. ft.) for distributed compute and interconnect
    3. Ideal for hybrid cloud, edge compute, and carrier-neutral peering
4. **Clean Supply Chain**
    1. Zero Chinese-manufactured equipment in the network, 100% NDAA Section 889 Compliant
    2. Aligns with federal compliance standards and enterprise security expectations
5. **Modern Network Architecture**
    1. Built on Layer 2 Ethernet and Layer 3 IP—optimized for agility and scale
    2. Avoids legacy MPLS, still common in incumbent and legacy networks
    3. Fully supports SD-WAN overlays, aligning with current enterprise WAN strategies
6. **Secure, Private Transport Options**
    1. Offers Dark Fiber and Spectrum services for high-security use cases
    2. Preferred by financial and cybersecurity clients for creating isolated, attack-resistant environments
    3. Delivers mainframe-era security in a modern context—minimizing exposure from public internet vectors

Most of all, Integrity is a highly competent and quality focused service provider.

U.S. Government's Unmet Needs

History, Consolidation and Contracting

Issue 1: Securing Government Networks in the Early 2000s
In the early 2000s, the U.S. Government recognized the growing need for a more secure and private communications infrastructure. Concerns were rising about the vulnerability of traditional mainframe networks to cyber threats and unauthorized access. To address these risks, the Government decided to build a dedicated dark fiber network—a private optical fiber system with no shared users—to reduce the likelihood of external intrusion.
Major telecom providers like AT&T and Verizon declined to sell dark fiber. However, emerging players such as Qwest and Level 3 Communications agreed to support the initiative. The Government ultimately invested over $2.5 billion in dark fiber from these companies, using a contracting model known as Irrevocable Rights of Use (IRUs)—a method originally developed for undersea cable systems that grants long-term access to fiber infrastructure.

Issue 2: Loss of Carrier Diversity
Over time, market consolidation significantly impacted the Government's network strategy. Lumen Technologies (formerly CenturyLink) acquired both Qwest and Level 3, completing the Level 3 acquisition in 2017. This consolidation eliminated the carrier diversity that had been intentionally built into the original network design. As a result, the Department of Defense (DoD) now faces limited options for dark fiber providers, reducing redundancy and increasing risk.

Issue 3: Acquisition and Strategic Challenges
- Since 2020 and during the Covid Pandemic, the government, as well as Defense Information Systems Agency (DISA), experienced a loss of some of their very experienced Small Business contracting personnel.
- Over the past 25 years, many in Government leadership have retired and only a select few DISA employees are aware of how the original acquisition strategy was implemented in 2000–2001 for the GIG-BE. The precedence set at that time was ground breaking, and could be deployed again for more modern times.

Meanwhile, the rise of the public internet has created a persistent attack surface. To enhance security, the Government should consider revisiting its network architecture—potentially shifting back to a Dark Fiber and Layer 2 Ethernet Private Line (EPL) to mimic a very resilient "mainframe-style" design. Additionally, small businesses could play a more active role in rapidly deploying protective technologies for the warfighter network.
Recent updates to the Federal Acquisition Regulation (FAR) and Defense Federal Acquisition Regulation Supplement (DFARS) are promising, but full implementation will require time, training, and adaptation by the contracting workforce.

History of National Fiber Deployment

Traditional Brand Name Companies

Sprint, now Cogent – 1980 to late 1990 (This was direct buried, and not easily repaired)
Cogent original network – 1999-2004

MCI – backbone completed 1983-1984
Worldcom - backbone completed 1996-1999
Verizon – 2016 – One Fiber project to unify wireless and wireline.

Lumen
Qwest – backbone completed 1999
Level 3 - backbone completed 2001
Centurylink 2013 Equipment Upgrade - Ciena 6500 for 100G, but no new backbone fiber

AT&T– Originally deployed their single mode fiber optic core backbone in 1982-1984. In the 1990s, there were upgrades to support Frame Relay and ATM. In the 1980's AT&T expanded their intercity core connecting major cities until the 1990s. Launched AT&T Fiber in Austin, Texas in 2013.

Zayo – Started their own deployment in 2007, but acquired as lot of their network through acquisition like 360 Networks (in 2011), which th e360 Network was constructed between 1998-2000.

Solution Issue #1 Sustainable Advantages ITC

Diversity, Survivability, Redundancy and Availability

- ITC acquired (2023) a National 400,000+ fiber route miles of Dark Fiber which also provides Lit Layer 1 to Layer 3 Services. Since the acquisition, we have added, Alaska, Hawaii and CNMI to the network.
- We are an FCC 214 Facilities Based Carrier.
- We supplement our network, as needed, with other fiber from other Type 2 Carriers.
- ITC's goal is to provide a one-stop shop, to minimize interaction and reduce risk with a NEXTGEN fiber network that is generally between 5-10 years old. This means our fiber can produce capacities 10-12 times that of the fiber that was deployed circa 2000. DOD contracted a majority of the GIG-BE dark fiber between (2000-2005).
- The average life expectancy of the fiber deployed at that time was 25 years. Much of the fiber used today by DOD was manufactured before 2000.
- Our hand trenched fiber was built with FUSF through rural broadband "Grant" distributions throughout rural America, which means our fiber is diverse from AT&T, Verizon, Lumen, Zayo, Crown Castle, Cogent and many other national Brand Name providers.
- IAT is both an ANC 8(a) and a Non-Traditional Government Contractor which allow for Expedited Contracting Actions, including: BAA, CSO, STTR/OTA for a prototype service design over our fiber platform.

Solution Issue #2

Market Segment Focus and Maximum Diversity

- **Our Focus –** Federal Government, Enterprise, Tier 2 Hyperscalers, Low Latency (Day Traders), Research and Education networks and the Billion Dollar Roundtable and Submarine Fiber Optic Cable Systems, to supply network assets that are diverse from carriers with aging networks to improve overall long-term performance.

- **Develop routes for maximum diversity**. Our rural routed fiber will provide maximum support of technologies like Spectrum & SDWAN through enhanced diversity and performance.

- **Focus on Diversity, Survivability, Redundancy and Availability.** If a client has any of the other carriers for their current network, we can provide diversity of carrier and facilities.

Solution # 2 Continued

INTEGRITY ADVANCED TECHNOLOGIES

Targeting Customers Requiring Unique Assets

- Vast assets allow maximum Type 2 interconnectivity.
- We are able to acquire companies with targeted assets that will help us accelerate growth.
- Acquire other telecom assets with minimum investment.

- **400,000+ Route Miles of Fiber**
- **Connecting 14 Major Data Centers (DC) and 58 Regional DCs.**
- **2.3M+ Serviceable Buildings**
- **More than 750 Rural Local Exchange Companies**
- **1,100 Nation-wide POPS & 5,500 Serving Wire Centers**
- **Latest fiber technology capable of capacity up to 24TB per fiber**

Solution Issue #3

Acquisition Options for the Government

- IAT is the only ANC 8(a) with a National Telecom Footprint. There are a few other local and regional Native American carriers, but they cannot provide a National Footprint to the US Government.
- Provide a Small Business solution for Telecom and IT related activities utilizing an ANC 8(a). Up to $22M for Civilian and up to $100M for DoD.
- For SIBR/STTR, both ITC and IAT qualify as a Non-Traditional Government Contractor allowing the government to award a Sole Source OTA. This will allow the Government to benefit from ITC's unique assets.
- We regularly provide Contracting Officers with our SBA Representative's contact information so he may assist with the latest SBA acquisition updates.

Bottomline- With a directed contract Integrity can save the government time, acquisition costs and can expedite the delivery of mission critical communications services. Using our ANC 8(a) the government can eliminate potential protests, and the government can employ the 2-Step Process.

Example of Lit Hard to Reach FAA/MAF/JSS sites

Currently Providing Services as an EIS Subcontractor

Installed location Examples

Multiple locations Montana
Multiple locations in North Dakota (one completed in 3 days and the others averaged about 18 days)
Multiple locations in California (one in progress)
Locations in Texas
Locations in North Carolina
Locations in Wyoming
Although not a MAF site, multiple locations in Puerto Rico. (1st one completed in 3 weeks) IAT competitive award through SAM.

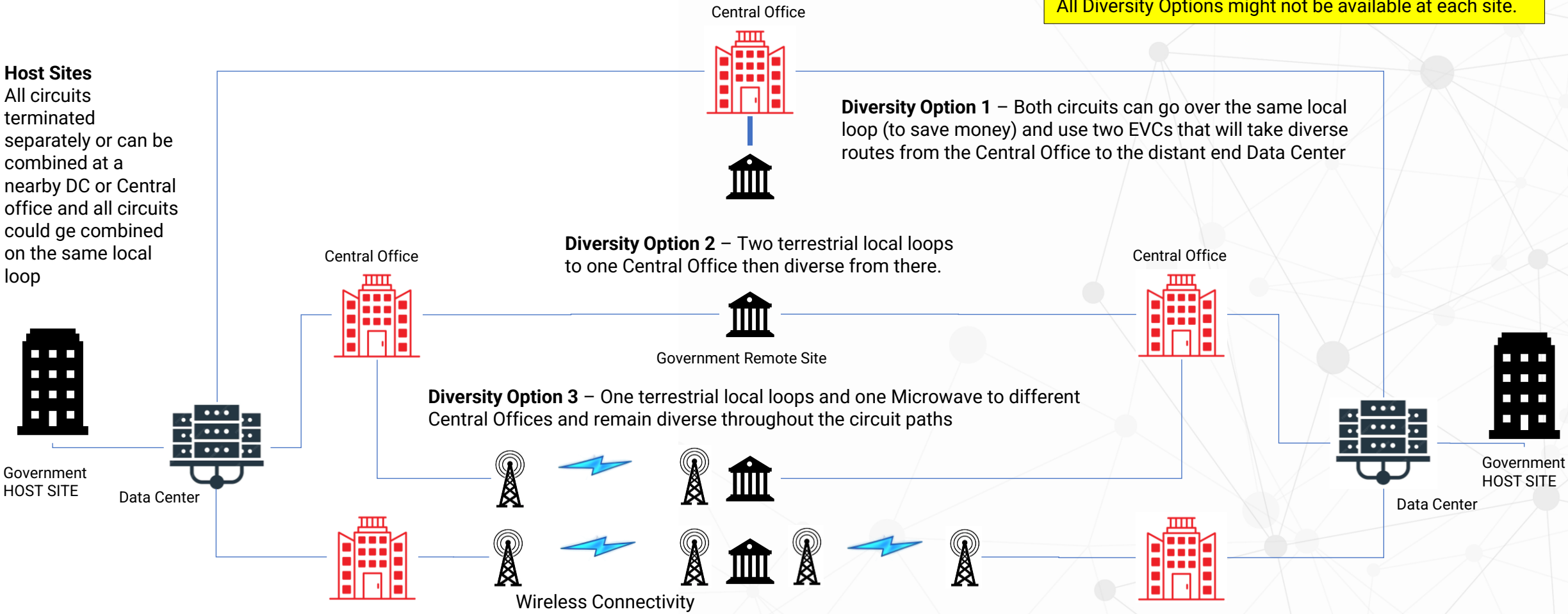
Normal interval for terrestrial fiber (with no expedite and no construction) is generally 45 -60 days.
Normal intervals and regular process provide the best results.

Types of diversity that can be provided at remote locations

IAT can provide several different diversity options

All Diversity Options might not be available at each site.

Host Sites
All circuits terminated separately or can be combined at a nearby DC or Central office and all circuits could ge combined on the same local loop



Diversity Option 1 – Both circuits can go over the same local loop (to save money) and use two EVCs that will take diverse routes from the Central Office to the distant end Data Center

Diversity Option 2 – Two terrestrial local loops to one Central Office then diverse from there.

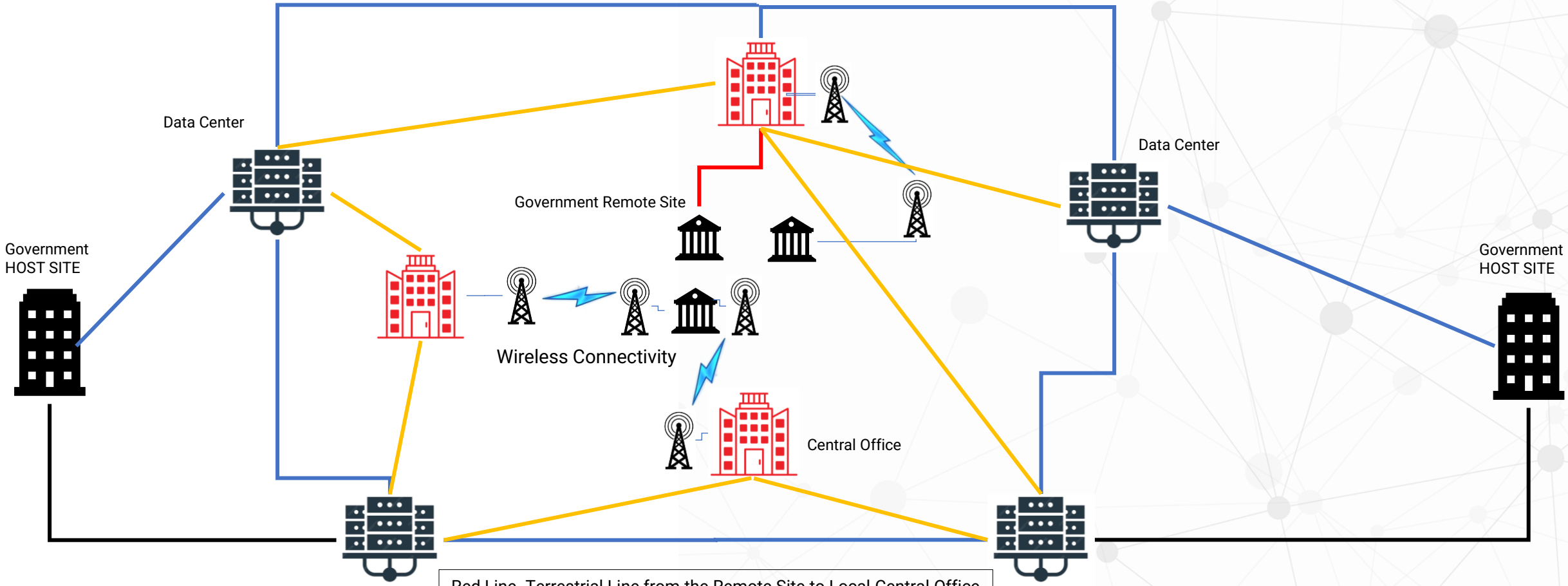
Diversity Option 3 – One terrestrial local loops and one Microwave to different Central Offices and remain diverse throughout the circuit paths

Diversity Option 4 – Two separate microwave links to different Central Offices and remain diverse throughout the circuit paths

Overall Design and Potential Connectivity/Diversity

INTEGRITY ADVANCED TECHNOLOGIES

In pricing we will price single connections, dual diverse links need to double local loop connections



Red Line- Terrestrial Line from the Remote Site to Local Central Office
Lightning Bolts – Wireless Link to the Local Central Office
Orange Lines Local Central Offices to the Data Center
Blue Lines- Data Center to Data Center Connectivity NNI
Black Lines - Data Center to the Government Host Site

Example of Dark Fiber Routes to sites with limited providers

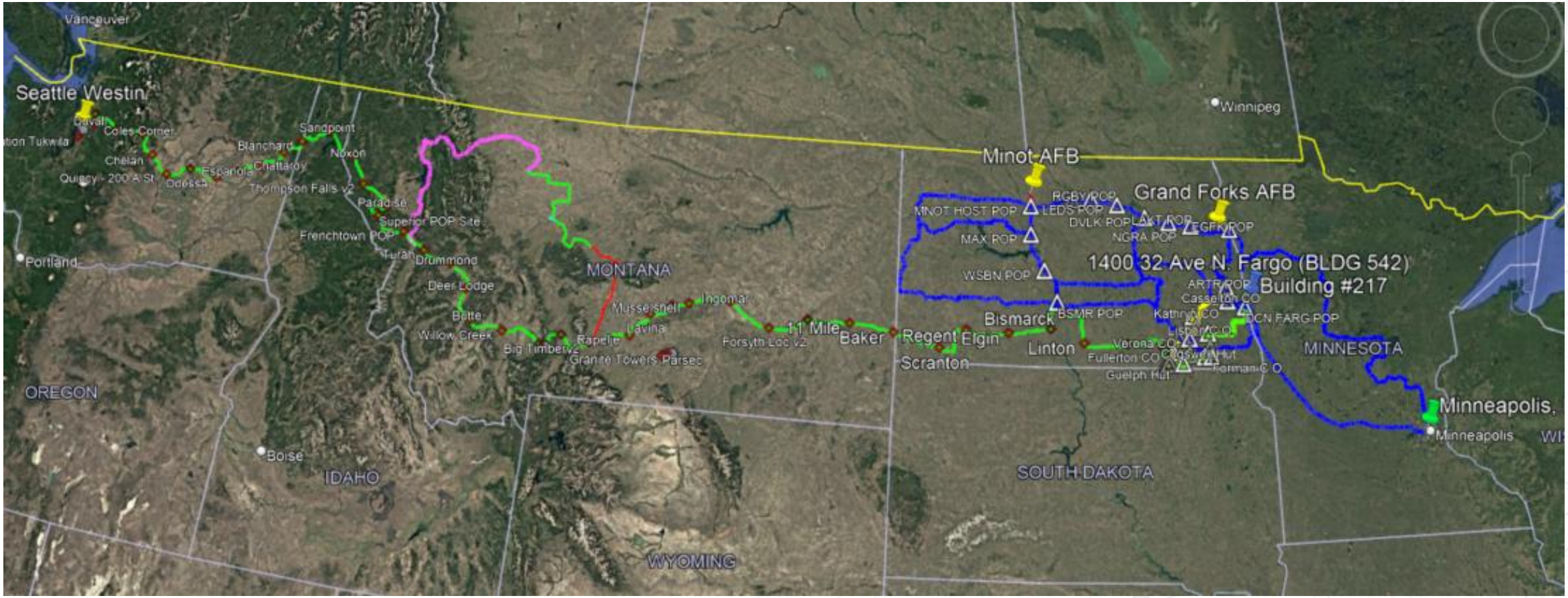
Design Example JBLM to North Dakota/Minneapolis, Chicago Northern Tier Route

Joint Base Lewis McChord to Seattle Westin (or Diverse)
Seattle to Malmstrom AFB Entrance 1 (Entrance 1 has nearby fiber)
Diverse Malmstrom (Entrance 2 also has nearby fiber) to a junction in Bismark, (or Ellendale Data Center)
RING - Bismark North to Minot AFB, Grand Sky, Grand Forks, AFB, FARGO ANG, Bismark Grand Forks or Fargo to Minneapolis

Additional Links that could be connected on the same path (Cavalier), Chicago

Dark Fiber Transport Across the Northern Tier of the US

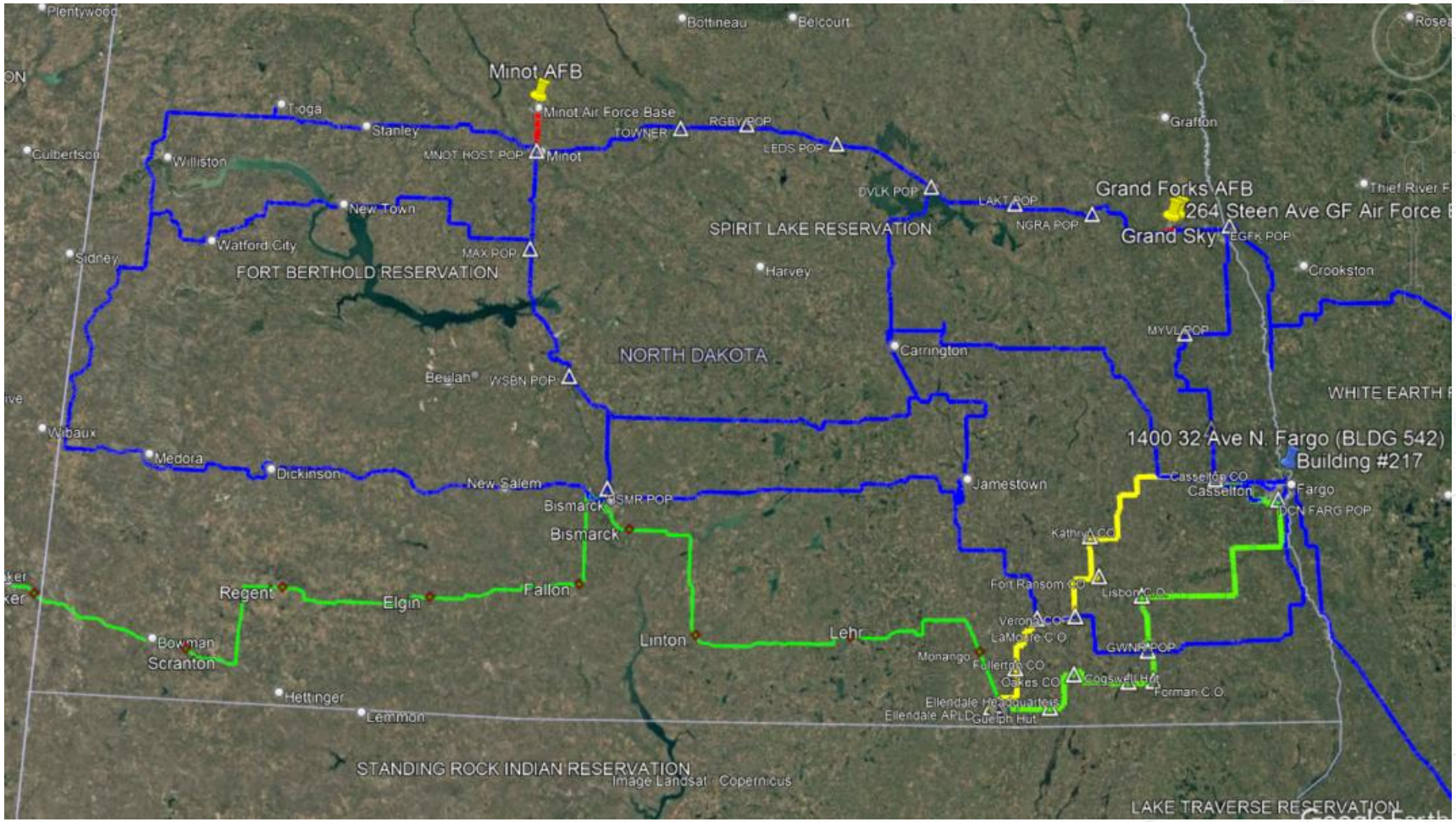
JBLM to ND bases Minot, Grand Forks, Grand Sky & Fargo



We can fully connect this route with diversity to Malmstrom AFB, MT to all three major bases in North Dakota and onward to Minneapolis and Chicago. We can also further extend this to the AWS Data Center that is being built outside of New Carlisle, IN.

Dark Fiber Transport Across the Northern Tier of the US

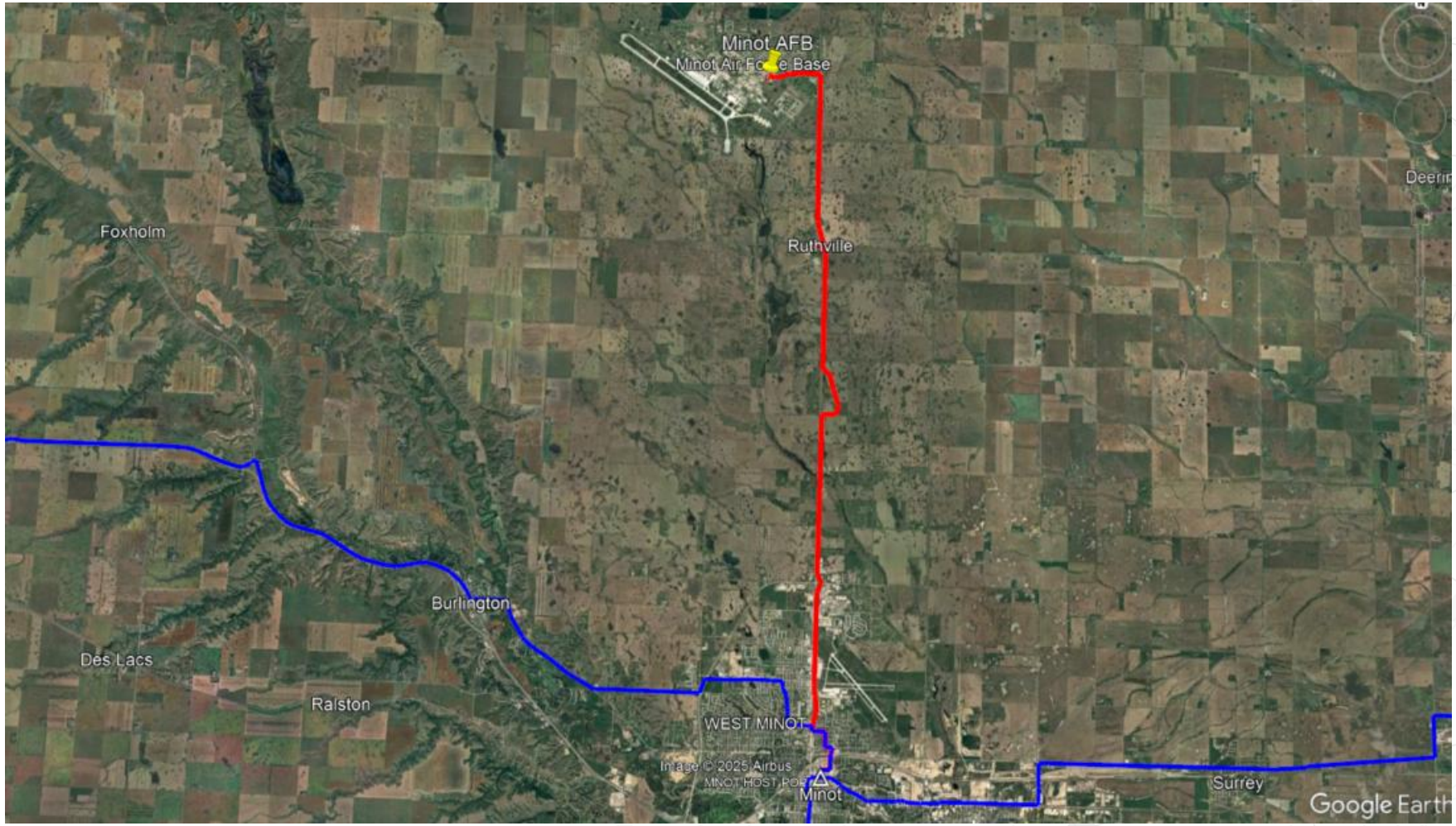
North Dakota



We can fully connect North Dakota over a number of fiber rings.

Dark Fiber Transport Across the Northern Tier of the US

Minot AFB



We can fully connect North Dakota over a number of fiber rings.

Dark Fiber Transport Across the Northern Tier of the US

INTEGRITY ADVANCED TECHNOLOGIES

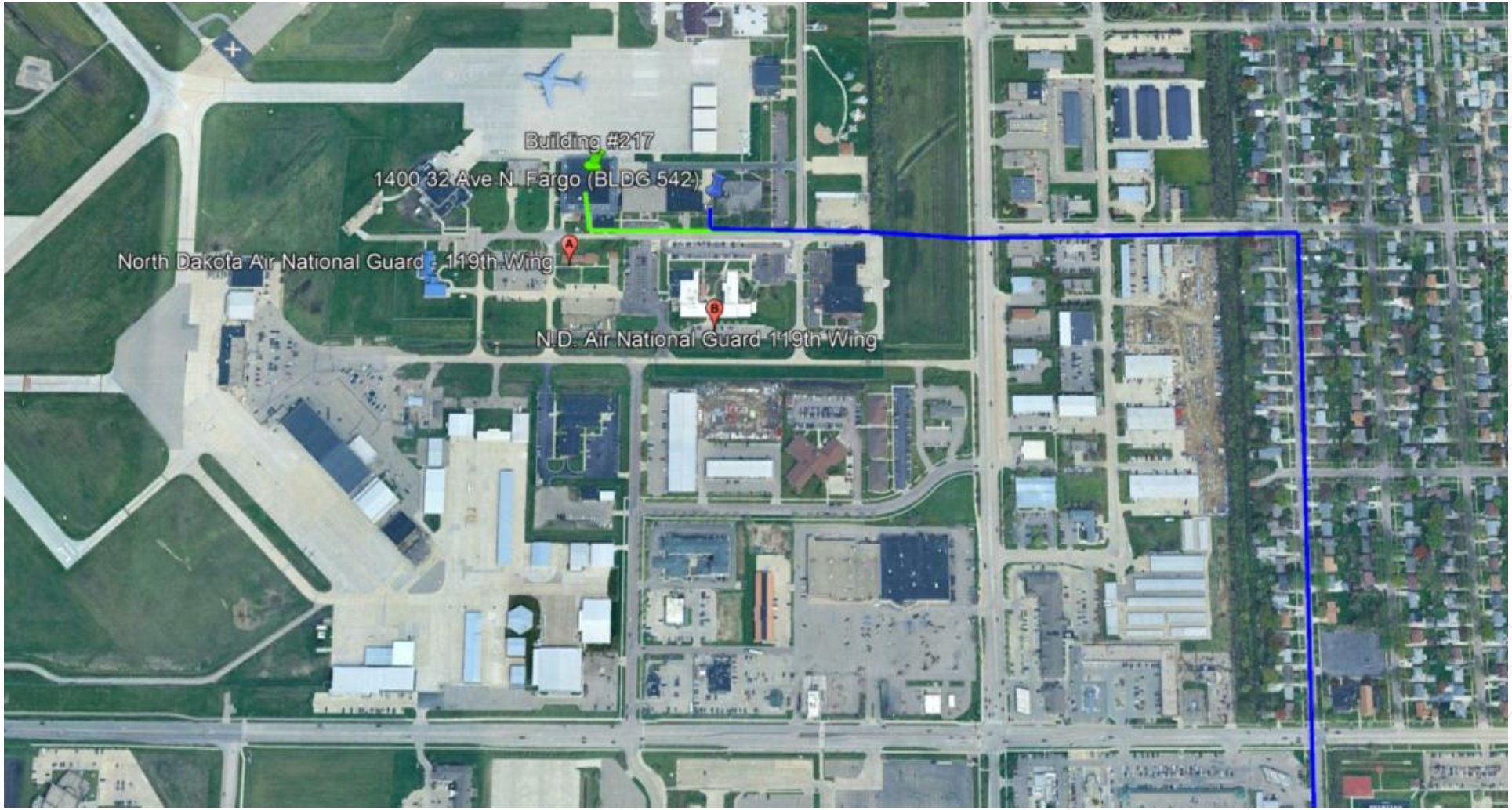
Grand Forks and Grand Sky

We can fully connect North Dakota over a number of fiber rings.

Dark Fiber Transport Across the Northern Tier of the US

INTEGRITY ADVANCED TECHNOLOGIES

FARGO ANG



We can fully connect North Dakota over a number of fiber rings.

Dark Fiber Transport Across the Northern Tier of the US

INTEGRITY ADVANCED TECHNOLOGIES

Malmstrom AFB

Proposed new fiber entrances with existing fiber

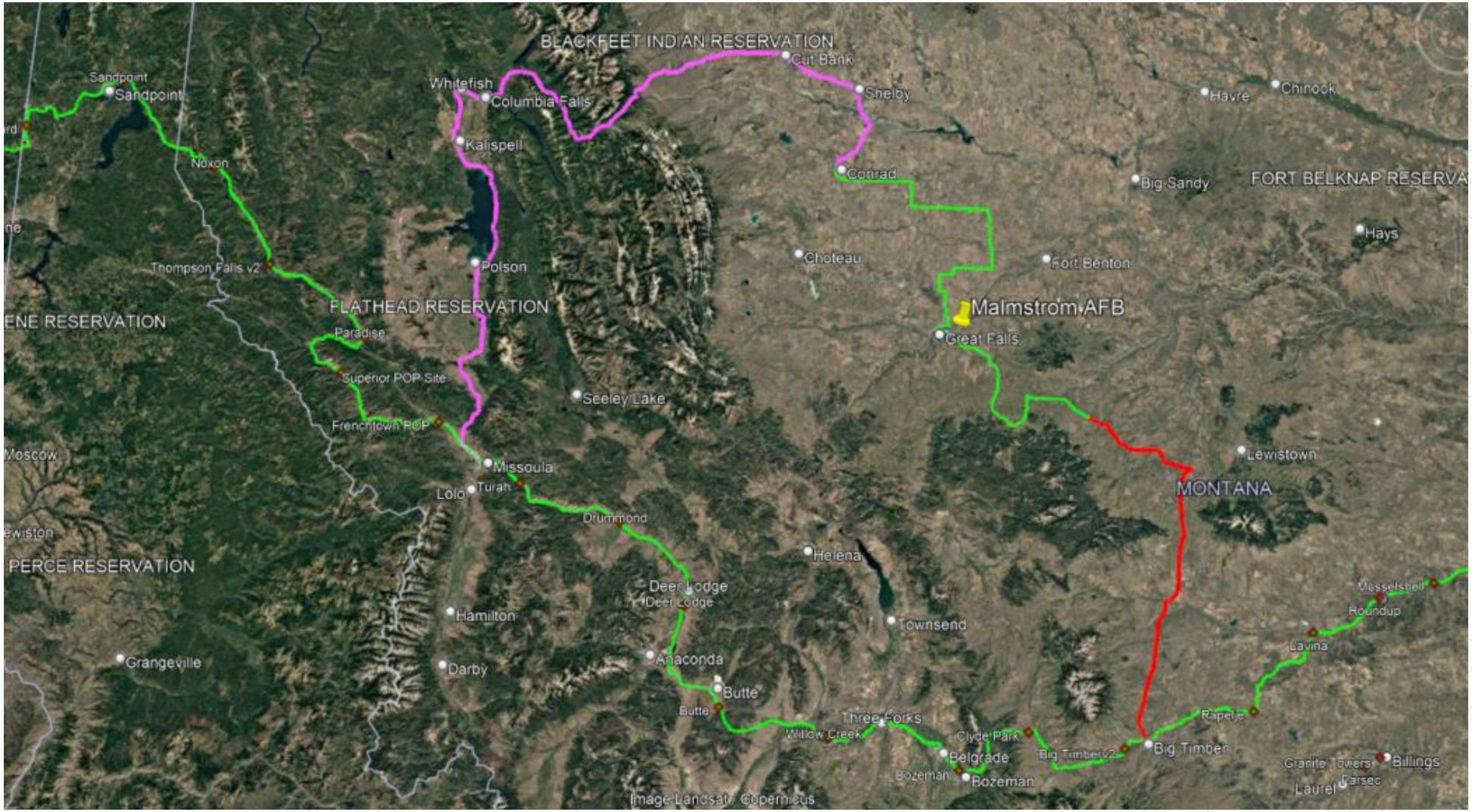
We can fully connect Malmstrom AFB with Diverse Dark and Lit Fiber and add it as a DNI to the northern string.

Dark Fiber Transport Across the Northern Tier of the US

INTEGRITY ADVANCED TECHNOLOGIES

Malmstrom AFB

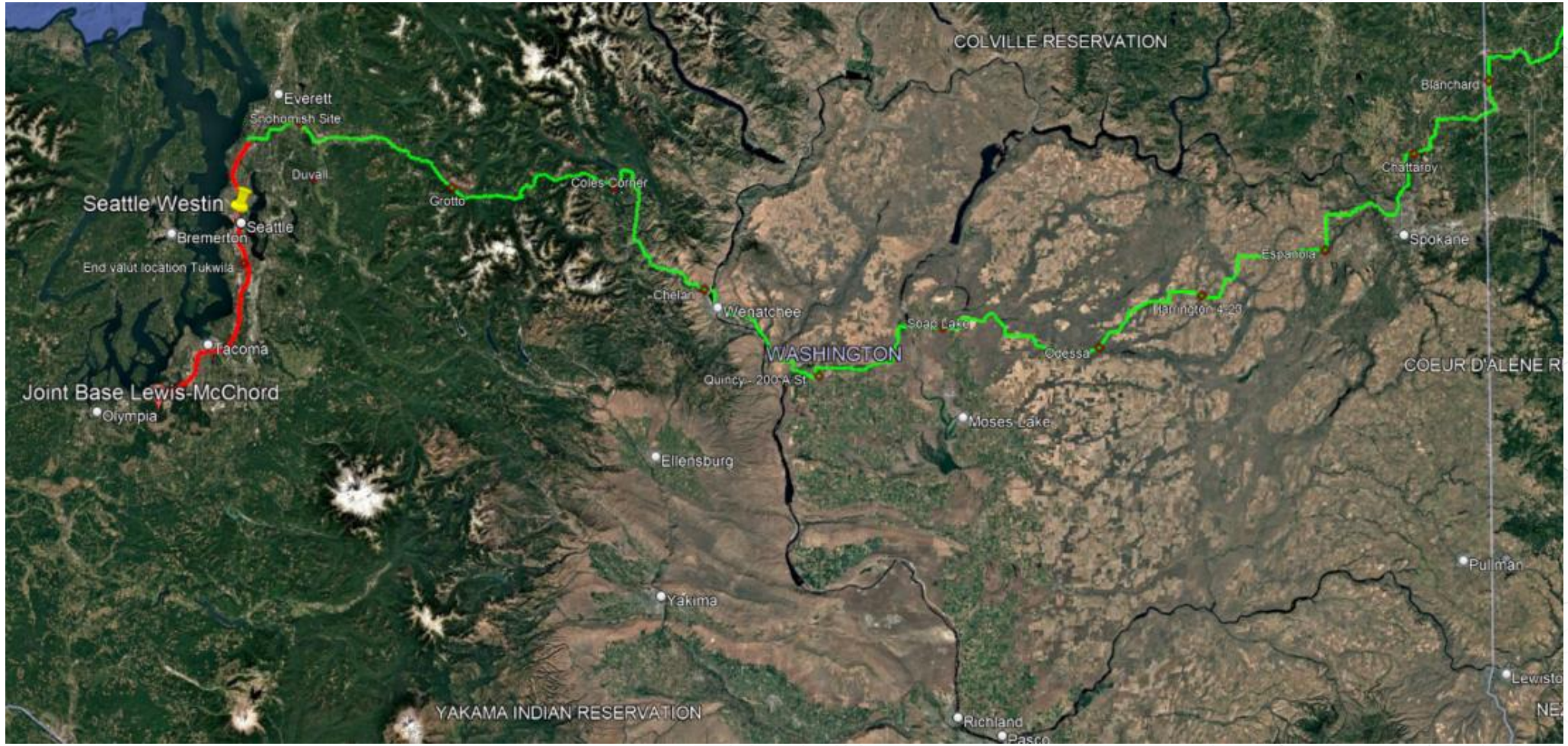
Proposed new fiber entrances connecting base fiber to existing carrier fiber.



We can fully connect Malmstrom AFB with Diverse Dark and Lit Fiber and add it as a DNI to the northern string.

Dark Fiber Transport Across the Northern Tier of the US

Malmstrom AFB to Seattle Westin or JBLM



Additional Technologies for the Next TEMS

Combining Integrity's family of technologies for potential funding from Office of Strategic Capital

- **SafetySpect –** Deploys a technology called Multimode Spectroscopy, which integrates several advanced optical techniques to detect and analyze contamination, freshness, and biological composition. SafetySpect's multimode system combines Fluorescence Spectroscopy, Visible & Near-Infrared Reflectance (VIS-NIR), and Short-Wave Infrared (SWIR) which penetrates deeper into materials to assess molecular composition. These modes work together to create a spectral barcode unique to each sample, enabling precise identification of contaminants, freshness, and even species of fish or meat. Our AI + Edge Computing uses **machine learning** and **edge computing** to:- Identify contamination like blood, fat, biofilms, and feces even under ambient lighting. SafetySpect can also determine seafood freshness within ±1 day and identify species with 95%+ accuracy.
- **2M SQ FT Underground Data Center** approximately 60 ft below the surface. Multiple telecommunications routes and power feeds. Cooling efficiency @ ~80% from ambient air.
- **Cooling Technologies** for AI or Data Centers Estimated savings 15-30
- **Hydrogen and magnetic power** production
- **3D Encryption Technology** for Data Encryption and SCRM tagging

Contact Us And Key Information for ITC and IAT

IAT is a Certified ANC 8(a),
Alaska Native Corporation

Primary NAICS:
541715 Research and Development in the Physical, Engineering and Life Sciences (except Nanotechnology and Biotechnology)

NAICS Codes

- **517111 Wired Telecommunications Provider**
- 517112 Wireless Communications except satellite
- 517122 Agent for Wireless Telecommunications
- 517121 Telecommunications Resellers
- 517410 Satellite Communications
- 517810 All other Telecommunications
- 518210 Computer Infrastructure Providers
- 811213 Equipment Repair

UEI:
IAT: VFTZBK3FA7H6
ITC: L1EWW2A9ERN7
TEYA: UEDFCUYALXZ1

CAGE CODE:
IAT: 0NQQ1
ITC: 9PDR9
TEYA: 8HK11

Indian Small Business Economic Enterprise (ISBEE)

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SBA
8(a) Certified