Already challenged by massive competition and price erosion, the Covid-19 era drove the pharmaceutical industry to:

- Accelerate adoption of AI for faster drug development
- Leverage outsourced contracting and manufacturing for a shorter time to market
- Employ new distributed operating models for increased agility and reduced costs

...all while safeguarding intellectual property.

Successfully navigating these business transformation challenges requires embracing new technologies and partners, and that requires network solutions up to the task.

Zayo's robust global network, Tier-1 Internet backbone, cloud connections, and software defined solutions solve interconnectivity challenges for our customers. Zayo can equip pharmaceutical companies with the network platforms to build their future.

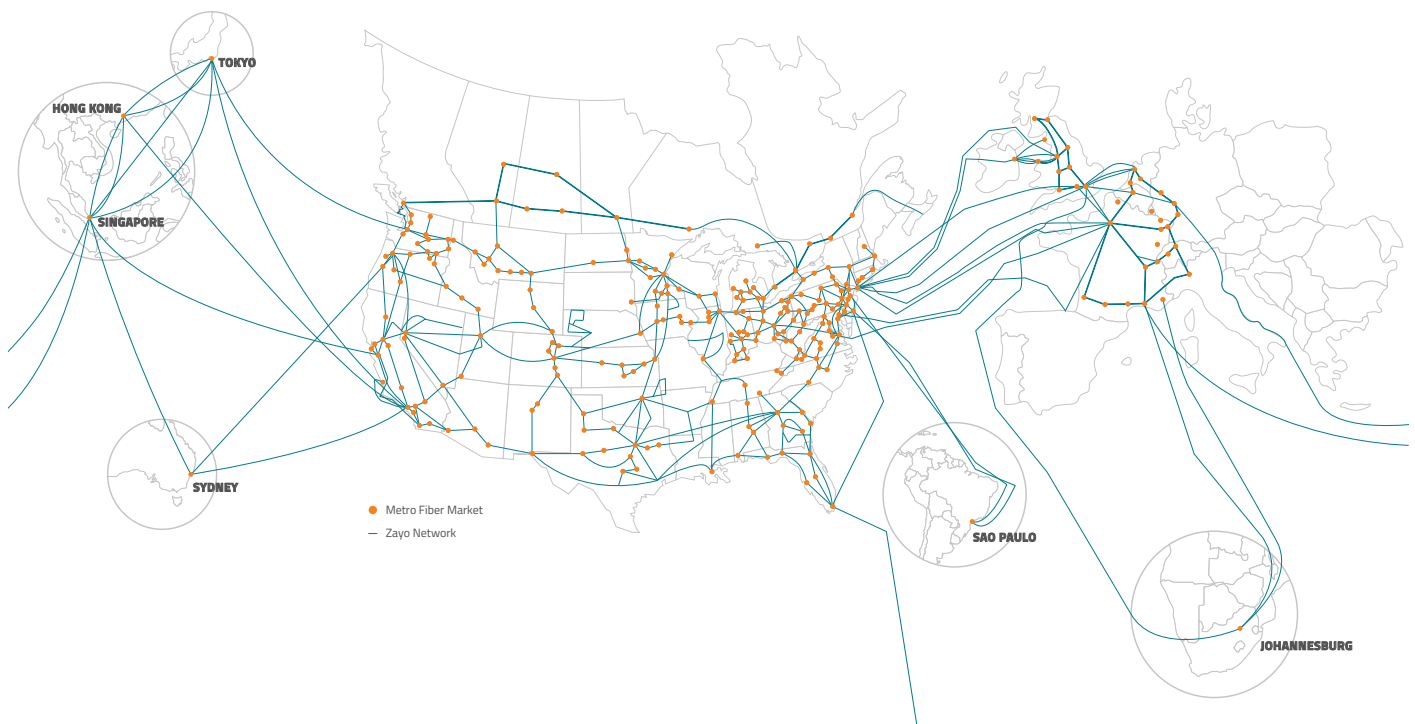Through simple, flexible, and cost-effective means, pharmaceutical companies can:

- Scale their networks to their business needs
- Connect to new partners
- Integrate new companies and IT assets

- Leverage and protect company and customer data
- Reduce deployment and upgrade timelines
- Capitalize on RWE (Real World Evidence), IoT, AI, data analytics, and Cloud-based advancements

400 Markets Around the World	**370+** Cloud On-ramps	**Tier-1** Global IP Backbone	**45K** Enhanced SD-WAN Edges

Metro Fiber Market
Zayo Network

SERVICES TO BUILD YOUR FUTURE

DARK & LIT FIBER
A cost-effective solution for massive bandwidth growth.

INTERNET ACCESS
The best Internet performance from a global Tier-1 ISP with end-to-end connectivity and peering reach.

WANS
Ethernet, IP, and Enhanced SD-WAN for a fully managed edge-to-anywhere solution.

PRIVATE NETWORK
Secure, custom on-site private IoT and 5G networks for connecting devices and machines for industrial automation.

CLOUDLINK
Enhanced performance, scale, and security for your cloud applications.

DDoS PROTECTION & FIREWALL SERVICES
Protect against sophisticated, inevitable, and potentially crippling cyber attacks.

FLEXIBLE SOLUTIONS TO OPTIMIZE YOUR OPERATIONS

Modernize Your Infrastructure

- Accelerate biotechnology innovation and leverage big data faster with Zayo's full range of bandwidth options, up to 400Gbps.

- Optimize your pharmacovigilance by leveraging our connectivity to over 1,300 on-net data centers and 370+ low latency cloud on-ramps.

- Gather health data more efficiently and improve customer engagement in clinical trials by connecting your data warehouses and processing centers to our Tier-1 Internet backbone.

- Optimize your supply chain logistics with Zayo's secure, private connections to your AI data centers and partners.

- Manage right to the edge with meaningful data insights using Zayo's Enhanced SD-WAN - a platform that adapts as your business needs shift.

- Use our private IoT and 5G solutions to help automate your manufacturing.

Enhance Continuity of Operations

- Build resiliency: Zayo's unique and expanding fiber services diversify and fortify your network.

- Optimize your international assets: Leverage Zayo's resilient global data network to keep international operations running smoothly.

- Incorporate all of your locations: Manage the application performance of even your smallest locations with Zayo's Enhanced SD-WAN intelligent traffic routing.

- Keep mission critical applications running: Zayo's Enhanced SD-WAN prioritizes your key business processes, ensures the best application experiences, and uses AIOps with proactive maintenance for increased uptime.

- Secure your network: Protect your operations, your data, and your customers' sensitive information from cyber attacks with our next-gen network-based security services.

Enable Business Transformation

- Analyze massive amounts of data to accelerate drug development with Zayo's ultra-fast links between data centers.

- Secure and enhance your partnerships - connect seamlessly using Zayo's hybrid and multi-cloud access to:
  - Healthcare organizations for joint patient insight and analytics
  - Universities for collaborative R&D studies
  - CMDOs for faster time to market
  - 3rd party logistics (3PL) companies for optimizing forward logistics
  - Pharmacies for optimized stock control
  - Healthcare insurers to support their direct-to-customer propositions

- Ensure the best end user experience by leveraging our Tier-1 Internet backbone, enabling:
  - Digital tools for patient insight or clinical trials
  - New digital therapeutics services
  - Direct-to-consumer services to combat threats from online retailers

- Be agile - our portfolio of WAN services helps you to quickly:
  - Integrate new acquisitions
  - Adapt to new business models
  - Incorporate massive data changes for new operational models or site activities
  - Migrate to a more distributed workforce

ZAYO AT A GLANCE

~15M	~40K	~1,300	TOP 10
FIBER MILES	ON-NET BUILDINGS	ON-NET DATA CENTERS	GLOBAL ISP RANKED BY CAIDA