



FRONTIER

SCIENTIFIC SOLUTIONS

COLD STORAGE FOR THE LIFE SCIENCES & PHARMACEUTICAL INDUSTRIES

A NEW FRONTIER FOR COLD STORAGE

Frontier Scientific Solutions (FSS) is a third-party logistics, storage and distribution company strategically headquartered near Research Triangle Park in Wilmington, North Carolina. We have partnered with Wilmington International Airport (ILM) to develop a **world-class Pharmaceutical Campus** consisting of over 1 million square feet of cGMP cold and ultra-cold storage for global pharmaceutical drug distribution.

FSS is dedicated to enabling Life Sciences Organizations around the world to safely store and deliver drug products with greater speed and precision. Our campus is located in a Foreign Trade Zone with direct runway access and within a 15-minute drive to the Port of Wilmington, the *most efficient* port in North America in '22, according to Container Port Performance Index (CPPI). We are your global distribution partner in the United States.

Drug development has become much more complex with unprecedented growth for specialty drugs such as biologics, orphan drugs and cell/gene therapies which include large and small molecule drugs. We understand the unique and complicated challenges our customers face to deliver their products to market. FSS is responding with significant investments to expand our expertise, capacity and capabilities to enhance your productivity and scalability.



Region

LOCATED IN WILMINGTON, NC

- 2 Hours from RTP (Research Triangle Park) via I-40
 - The Largest Life Sciences Research Park in the United States
- 3.5 hours from Charlotte, NC
- Easy Access to I-95 via I-40



Local

FACILITY LOCATION HIGHLIGHTS

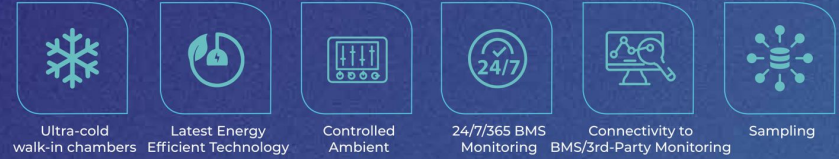
- ILM Depots
 - At Wilmington International (ILM) Airport
 - 7 Miles (15 Minutes) Port of Wilmington
- 805 Depot
 - 2 Miles (5 Minutes) from Wilmington International Airport (ILM)
 - 5 Miles (12 Minutes) from Port of Wilmington



Capabilities

- State-of-the-Art cGMP Storage Facilities with 24/7/365:
 - Building Management System (BMS)
 - Environmental Monitoring System (EMS)
 - Warehouse Management System (WMS)
 - Security Management System (SMS)
- Backup Power System Covers Entire Facility & N+1 Redundancy
- Best-in-Industry Validated Software
- Customs & Border Protection clearing
- Foreign Trade Zone 214 / FTZ Bonded Facility
- TSA / Independent Air Carrier (IAC) Certified Facility
- Full Pallet / Less-than-Pallet
- Pick, Pack & Shipping
- Global Logistics Network
- Return Drug & Reverse Distribution Services

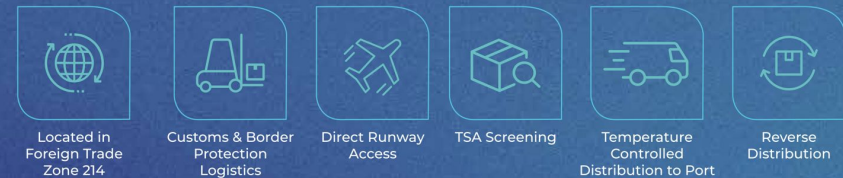
COLD STORAGE



PROFESSIONAL SERVICES



DISTRIBUTION ADVANTAGES



Foreign Trade Zone

FTZ - 214 DESIGNATION

Key advantages of utilizing Frontier's FTZ Designation include:

1. **Duty Deferral and Reduction:** Pharmaceutical companies can defer or reduce duties on imported materials, providing significant cost savings and a competitive edge in the global market.
2. **Streamlined Customs Procedures:** Frontier's FTZ status allows for streamlined customs procedures, reducing administrative burdens and accelerating the movement of pharmaceutical products.
3. **Enhanced Security Measures:** With state-of-the-art facilities and adherence to rigorous security protocols, Frontier ensures the safety and integrity of pharmaceutical products throughout the storage and logistics process.
4. **Flexibility in Manufacturing and Repackaging:** Companies can engage in manufacturing, processing, and repackaging activities within the FTZ without being subject to certain customs duties, enabling greater flexibility in responding to market demands.
5. **Improved Supply Chain Efficiency:** By leveraging Frontier's FTZ Designation, pharmaceutical companies can optimize their supply chains, minimizing lead times and ensuring timely delivery to end-users.
6. **Strategic Location:** Situated in North Carolina, Frontier provides a geographically advantageous location, facilitating efficient distribution to both domestic and international markets. Utilizing key transportation assets such as the Port of Wilmington, recently ranked the most efficient port in North America two years running.

805 Depot



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805 Depot

FACILITY HIGHLIGHTS

- 65,000 Sq Ft cGMP Temperature Controlled Storage Facility
- Storage Environments:
 - Controlled Ambient/CRT
 - 2°C to 8°C Refrigerated
 - -20°C to -40°C Frozen
 - Ultra-Cold Capabilities (-40°C to -86°C)
- Foreign Trade Zone 214 / FTZ Bonded Facility
- TSA / Independent Air Carrier (IAC) Certified Facility
- Reverse Distribution & Destruction Capabilities



ILM Airport




ILM Depot II
600,000+ Sq Ft

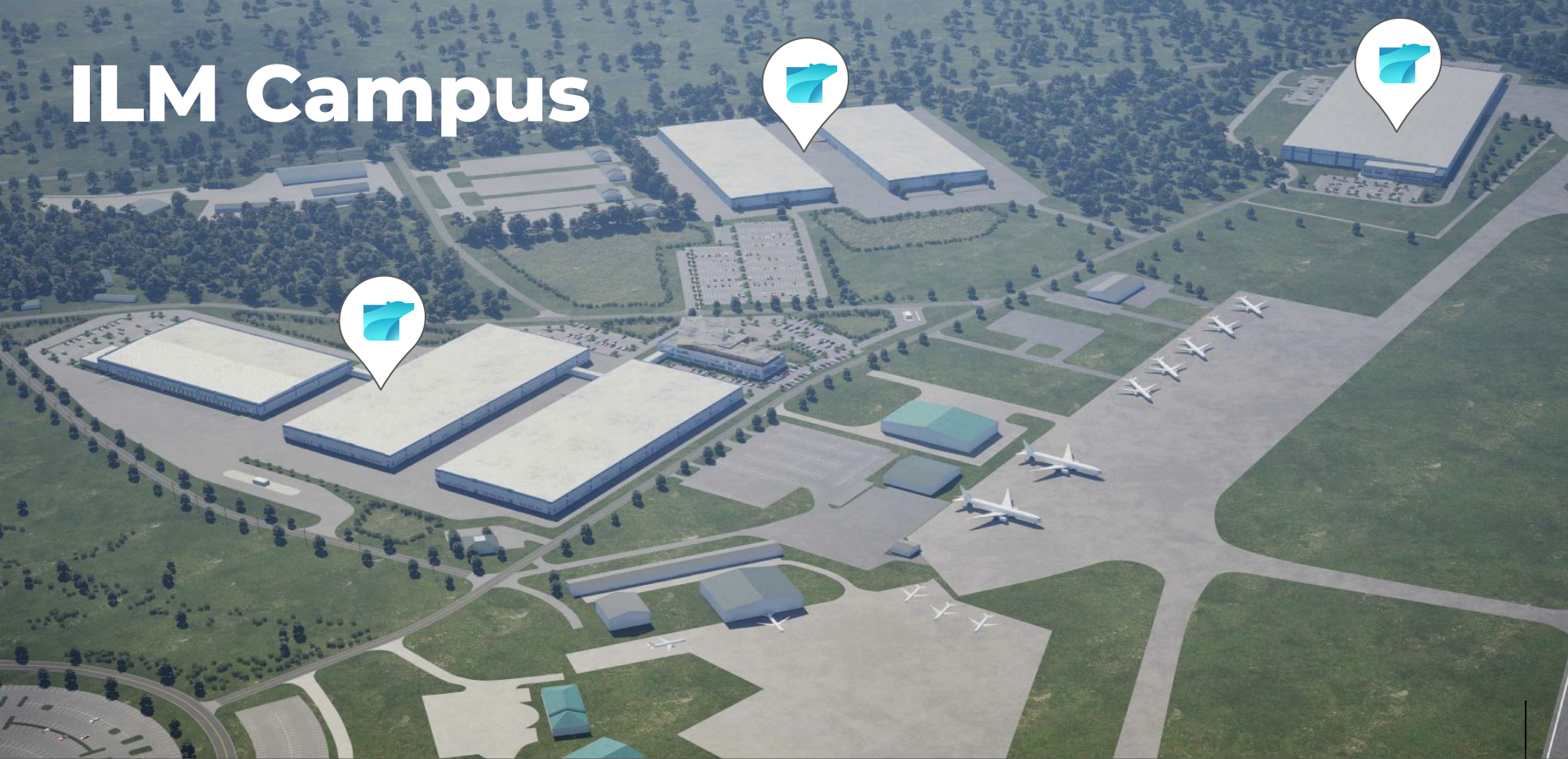

ILM Depot III
350,000+ Sq Ft


ILM Depot I
500,000 Sq Ft



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ILM Campus



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ILM Campus



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ILM Depot I



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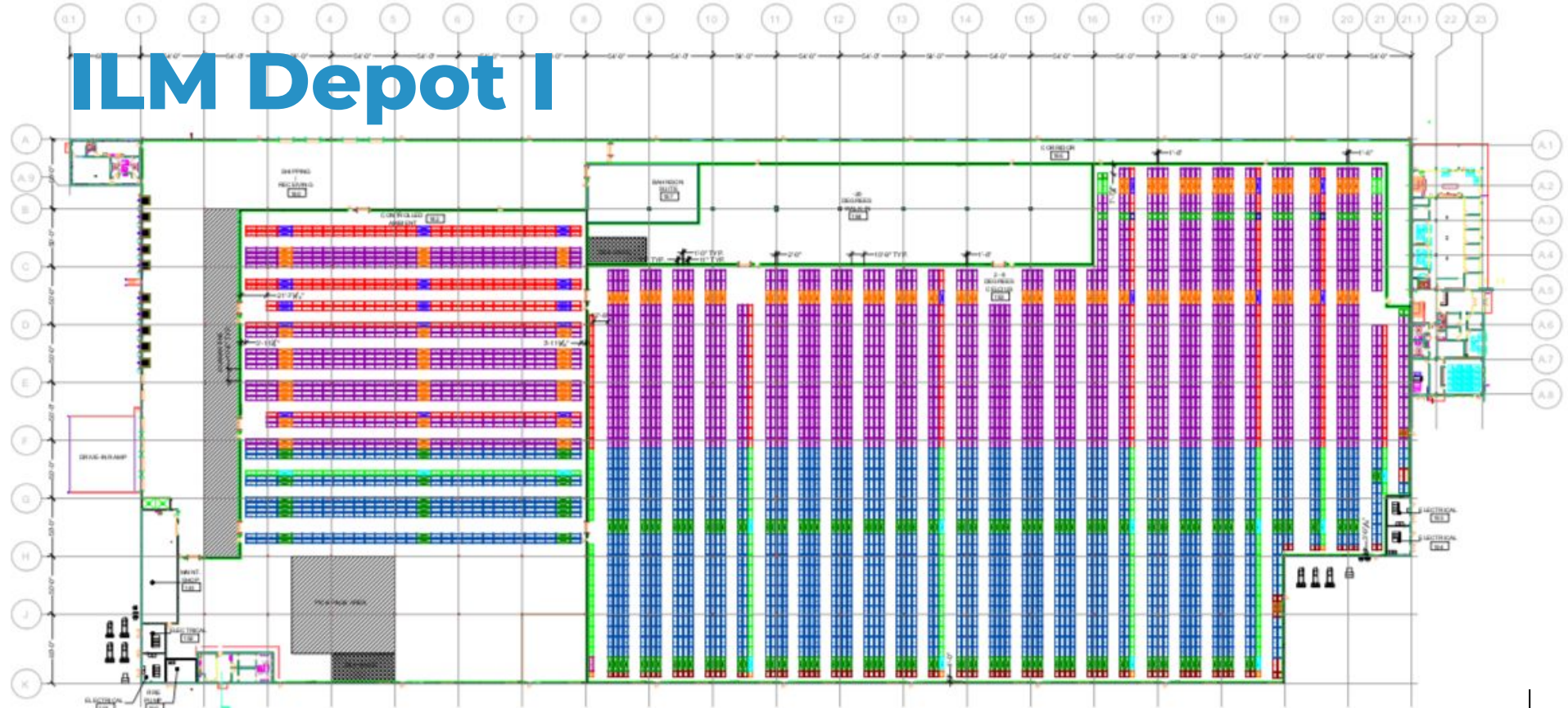
ILM Depot I

FACILITY HIGHLIGHTS

- 520k Sq Ft cGMP Facility including 26k Sq Ft of corporate office (Currently Under Construction)
- The Warehousing component will consist of:
 - Controlled Ambient/CRT
 - 18,000 - Pallet Positions
 - 2°C to 8°C Refrigerated
 - 40,500 - Pallet Positions
 - -20°C Frozen
 - 5,000 - Pallet Positions
 - -30°C to -70°C Ultra-Cold
 - 21,000 Cu Ft of Walk-in Chambers
 - -70°C to -86°C Ultra-Cold
 - Freezer Farm
- Direct Runway Access for Inbound & Outbound Product Shipment



ILM Depot I



ILM Depot II



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ILM Depot III



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UNWAVERING SUPPORT

From the onset, FSS has received **unwavering support** from a variety of local, regional and statewide stakeholders. The tremendous support from economic development organizations, educational institutions, and industry associations further supports the existing and growing demand for Frontier's services.



**North Carolina
Biotechnology Center®**



Robust Transportation Network

Frontier has established an extensive and robust network of transportation providers with experience in the transportation of temperature sensitive pharmaceuticals & healthcare products.

These partnerships allow Frontier to provide a turn-key **end-to-end** solution for our clients.



C.H. ROBINSON

Expeditors[®]



MAERSK

KUEHNE+NAGEL



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NORTH CAROLINA AT A GLANCE



Port of Wilmington has invested **\$200 million** in infrastructure and increased refrigerator capacity by 3x



Wilmington is experiencing rapid growth, ranking the **#1** city that people relocated to in 2022 and placed in the top 10 for three consecutive years



More than **600+** life science companies in the state



NC is ranked **No. 1** in the U.S. for lowest state and local tax burden with a 2.5% corporate tax rate*

by Ernst & Young and the Council on State Taxation



\$6.4B total biomanufacturing investments in Raleigh-Durham since 2018

Why Frontier?

SAFEGUARDING YOUR WORK & INVESTMENT

- Uniquely Positioned at the Wilmington NC Airport with direct runway access
- Certified Indirect Air Carrier Facility by TSA
- Foreign Trade Zone 214 Bonded Facility
- TSA Screening & IAC Facility
- Customs and Border Protection onsite (ILM Depot I)
- Under 2 Hours from Research Triangle Park
- Less than a 15-minute drive to the Port of Wilmington
- Incredible highway access with rail adjacent to the campus
- Fewer Product Touch Points in the Supply-Chain Mitigating the Risk of Product Loss or Damage
- Industry leading expertise utilizing the latest cutting-edge technologies
- Ability to expand capacity to serve the industry's growth needs





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