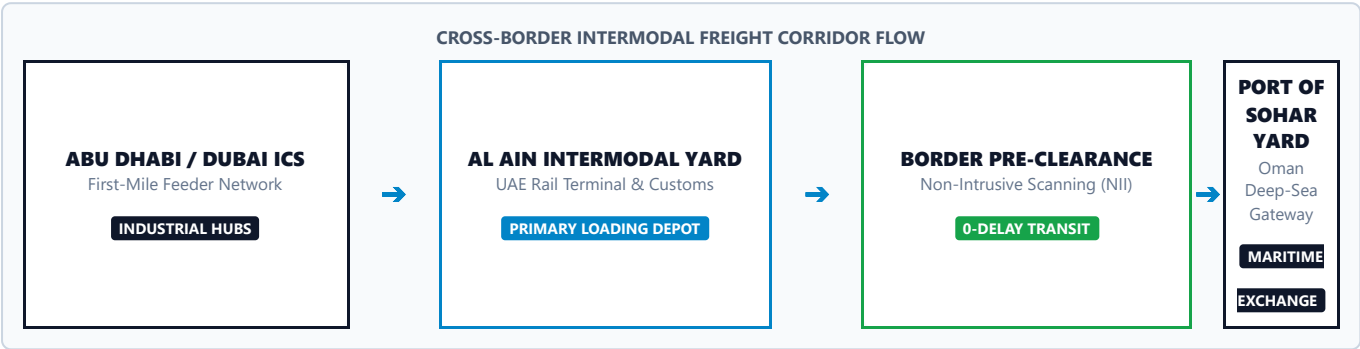


HAFEET RAIL CORRIDOR: INFRASTRUCTURE FACTSHEET & ROUTE MAP

Strategic technical specifications, terminal positioning, and operational benchmarks for the UAE–Oman cross-border freight rail network.

303 KM TOTAL CORRIDOR LENGTH	100 MIN LINE-HAUL TRANSIT TIME	15,000 TONS SINGLE FREIGHT TRAIN CAPACITY	32.4 TONS MAX AXLE LOAD CAPACITY
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1. ROUTE ALIGNMENT & CROSS-BORDER NODES DIAGRAM



2. ENGINEERING & OPERATIONAL SPECIFICATIONS

INFRASTRUCTURE PARAMETER	TECHNICAL STANDARD / SPECIFICATION	COMMERCIAL & OPERATIONAL IMPACT
Freight Train Top Speed	120 km/h (Commercial Freight)	Cuts UAE-Oman transit times by over 60% compared to road trucks.
Track Gauge & Electrification	Standard Gauge (1,435 mm) / Diesel-Electric Fleet	Seamless integration with existing Etihad Rail network infrastructure.
Container Stacking Configuration	Double-Stack Container Flat Wagons (Double TEU)	Doubles volumetric capacity per train, driving down per-ton cost.
Container Type Compatibility	20ft, 40ft, 45ft ISO High-Cube, Open-Top, Reefers	Accommodates bulk liquid, cold-chain, minerals, and general cargo.
Heavy Bulk Capacity	Up to 270 TEU per single train formation	Replaces approximately 300 heavy road trucks per single train run.

3. INTERMODAL YARDS & CUSTOMS CLEARANCE INFRASTRUCTURE

Al Ain Freight Terminal - Primary Inland Container Depot (ICD) - Automated OCR Gate Systems - Top-lifters and Gantry Cranes (RMG) - Direct connectivity to E66/E11 highways	Cross-Border Customs Hub - Integrated UAE-Oman Single-Window - High-speed Drive-Through Scanners - Pre-arrival digital manifest processing - Bypasses highway queue checkpoints	Sohar Port Intermodal Yard - Direct dockside rail connection 100+ Reefer plugging stations - Bonded storage & Freezone access - Bypass Strait of Hormuz maritime routes
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