



# REGIONAL GROWTH, TECHNOLOGY AND THE FUTURE OF TRANSIT

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*Chief Operating Officer*

# AGENCY BACKGROUND

Supported by 1/2¢ Sales Tax from Denton, Highland Village and Lewisville (2002)



Provide Contracted Services to Frisco, McKinney, Melissa, Celina, Lowry Crossing, Princeton, UNT, NCTC




A-train Revenue Service (June 2011) Connecting to DART Light Rail in Carrollton



Innovative Transit Solutions driven by Regional Demand

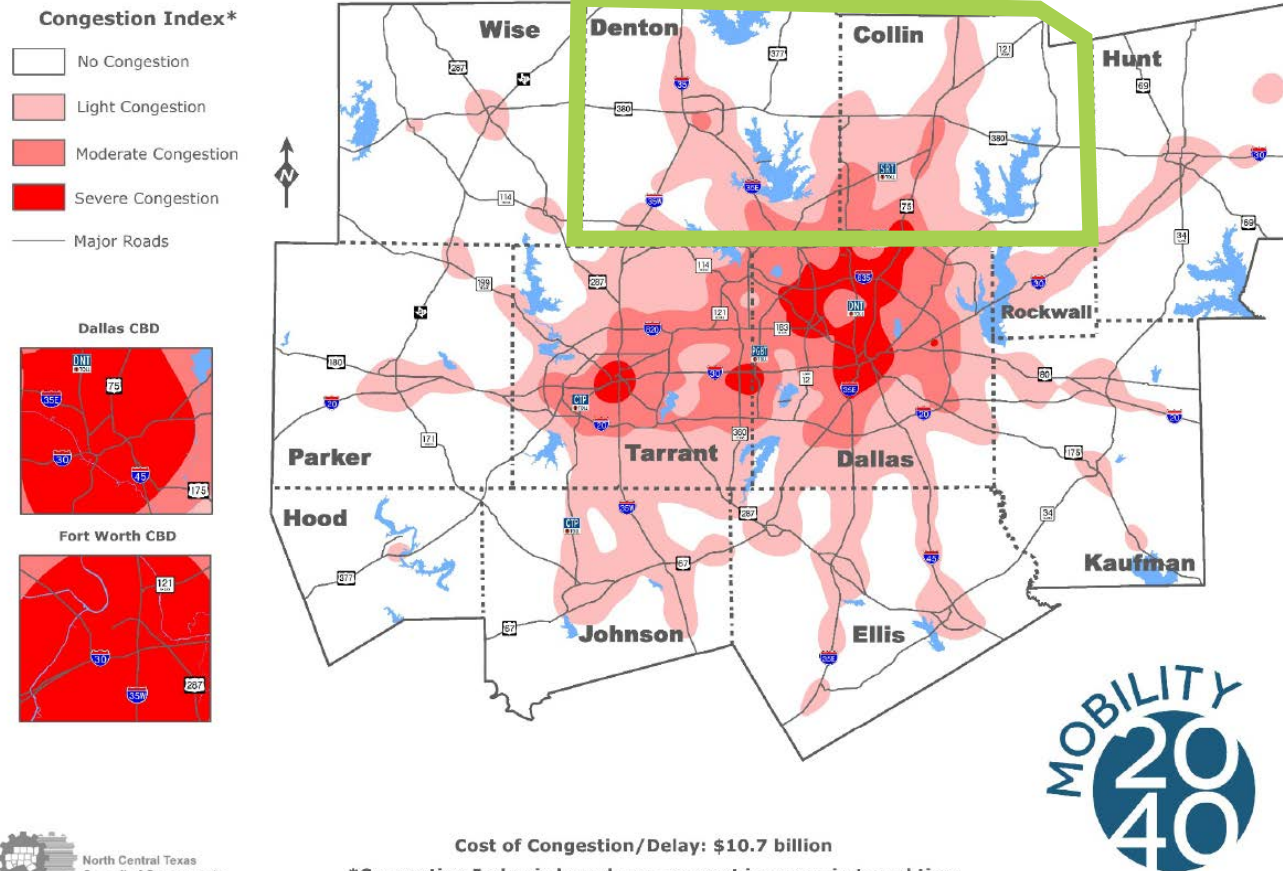


# THEMES

- 
- The Changing Landscape of North Texas
  - Area Growth and Demands for Innovation
  - Transit Oriented Development, New Developments & Innovation
  - The Fast Pace Change, Cultural Shift and the Impact on Transit
  - DCTA – transforming the way we, think and operate...enabling safer, more efficient, more reliable regional mobility

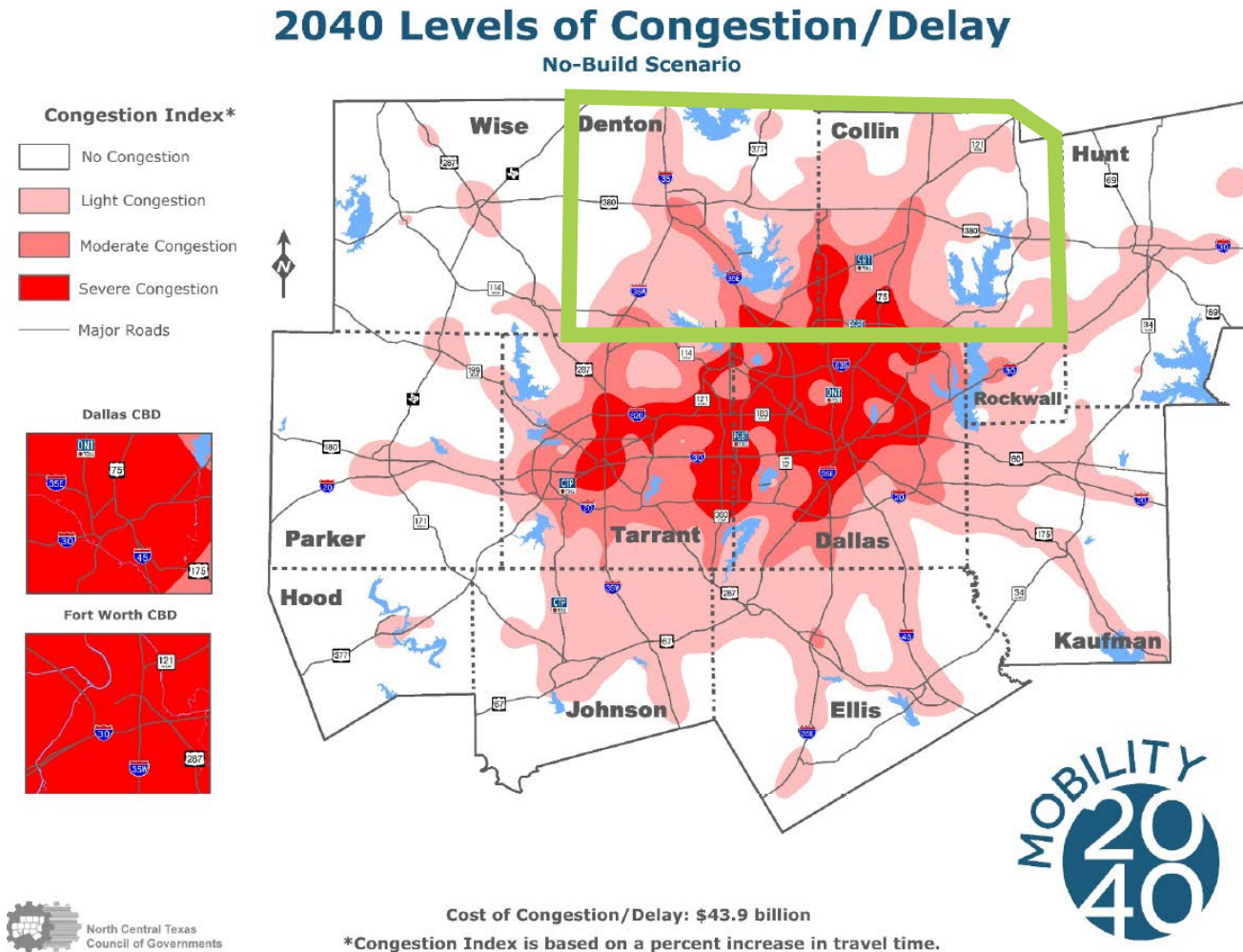
# 2017 LEVEL OF CONGESTION/DELAY

## 2017 Levels of Congestion/Delay



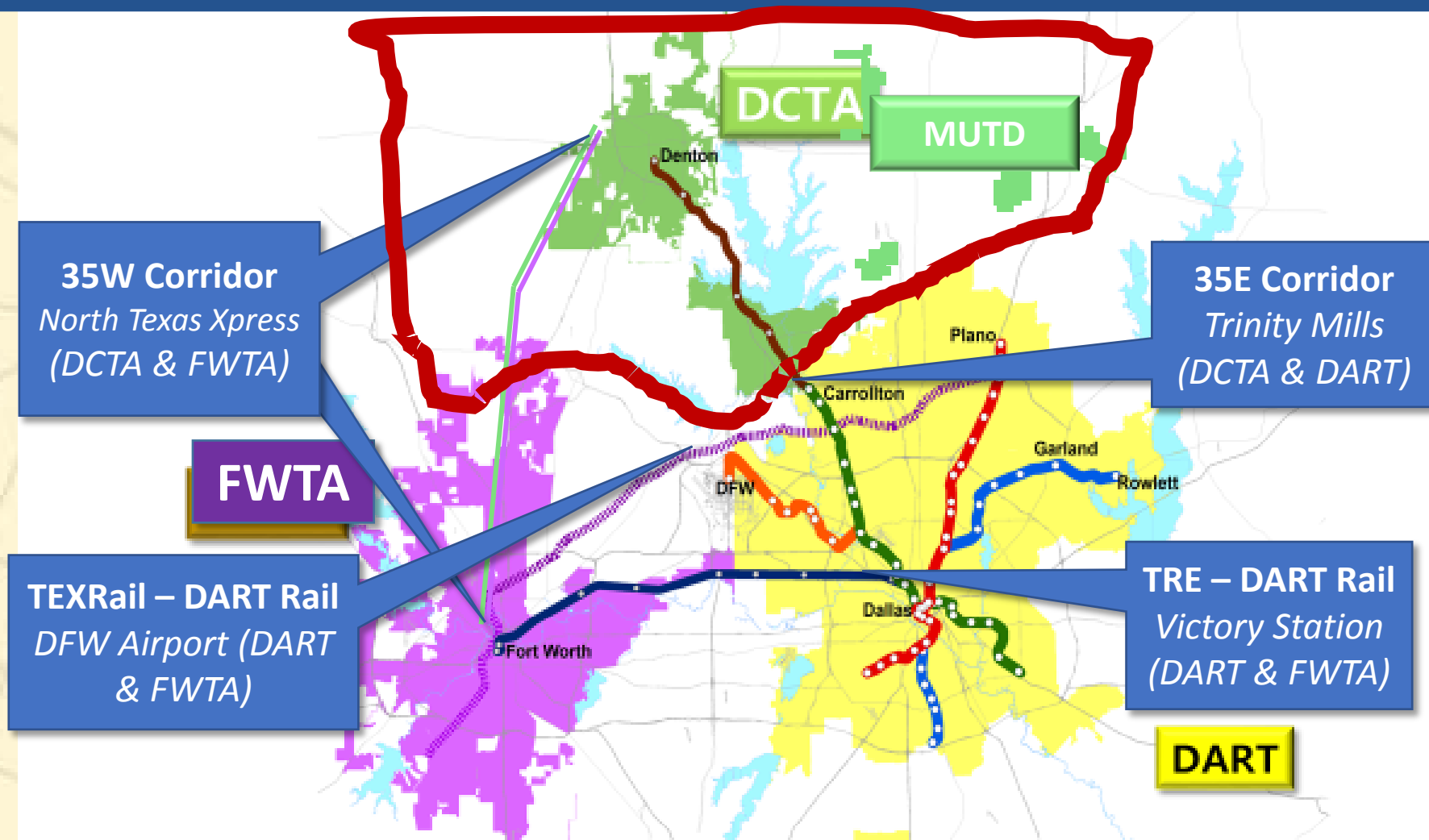
- Denton and Collin Counties have experienced rapid growth prior to 2017, and that growth will continue well into the future.

# 2040 LEVELS OF CONGESTION/DELAY



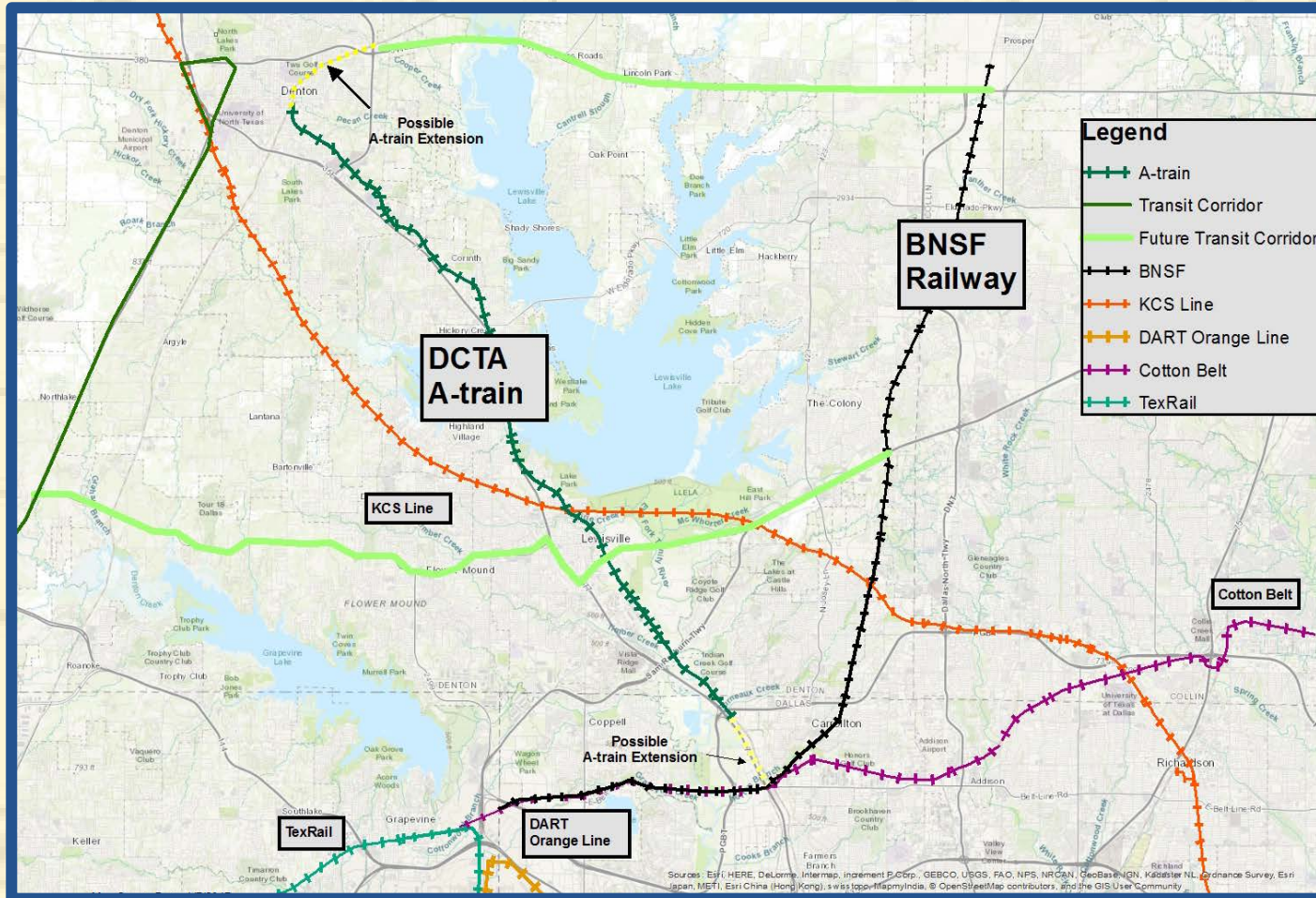
- While much of this growth has occurred without the support of public transportation, building road congestion and lack of space for expansion will limit potential growth.
- Clear need demonstrated for accessible transportation options.

# DFW REGIONAL TRANSIT NETWORK





# FUTURE TRANSIT CORRIDORS



A-train Extensions (NB & SB)

Frisco Rail Corridor (Carrollton – Celina)

35W Corridor

SRT/121 Corridor & US 380 Corridor

# A-Train TOD: DOWNTOWN DENTON



Martino Group; Railyard

110 Residential Units

9k+ Square Ft of Restaurant/Retail

18k+ Square Ft of Collaborative  
Workspace





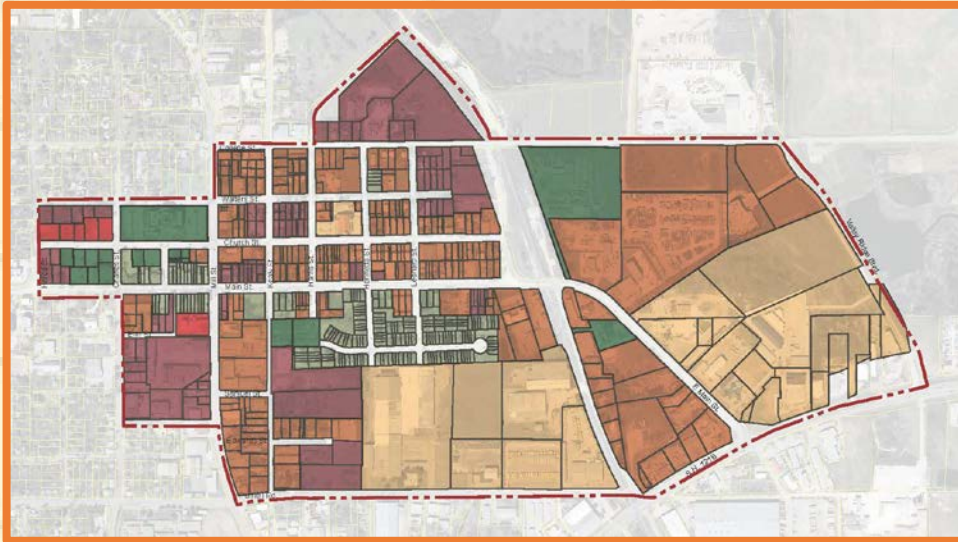
Tower Bay Lofts; Wittington Holdings

2 Acre Development / \$40M

380 Residential Units / 280K SF

Planned Trail Connectivity

# TOD: OLD TOWN STATION



Improve Walkability & Enhance Aesthetics

Support Multi-modal Transportation

Encourage Mixed Use Re-development

Joint Development Efforts

# TOD: HEBRON STATION



90 Acre Development / \$300M

1600 Residential Units / 1.2M Net SF

4000 SF Retail/Restaurant

Joint Development









REGIONAL  
GROWTH

- MAJOR DEVELOPMENT PROJECTS

REGIONAL  
INFRA

- HIGHWAYS CAN'T KEEP UP WITH GROWTH AND DEVELOPMENT

TECH  
ADVANCES

- EV/AV, TNC'S, TAXIS, MICRO TRANSIT, SOFTWARE AS A SERVICE - CONVERGANCE

DCTA  
RESPONSE

- SERVICE BROKERS, INFRASTRUCTURE CHANGES REALTIME DATA SHARE, STRATEGY CHANGE


- ALLIANCE AIRPORT – HILLWOOD DEV
- GRANDSCAPE – BURKSHIRE HATHAWAY
- HALL BUSINESS PARK
- THE STAR, Ford Center & HILLWOOD DEV
- THE \$5 BILLION DOLLAR MILE
- LEGACY WEST –TOYOTA, JPM CHASE,
- LIBERTY MUTUAL
- UNT, NCTC MULTI CAMPUS STRATEGY



# Changing the way we think about mobility



- Customers are demanding real-time mobility options



- DCTA is becoming a broker of transit services - working with developers, growing municipalities



- Layering mobility options by time of day and trip type

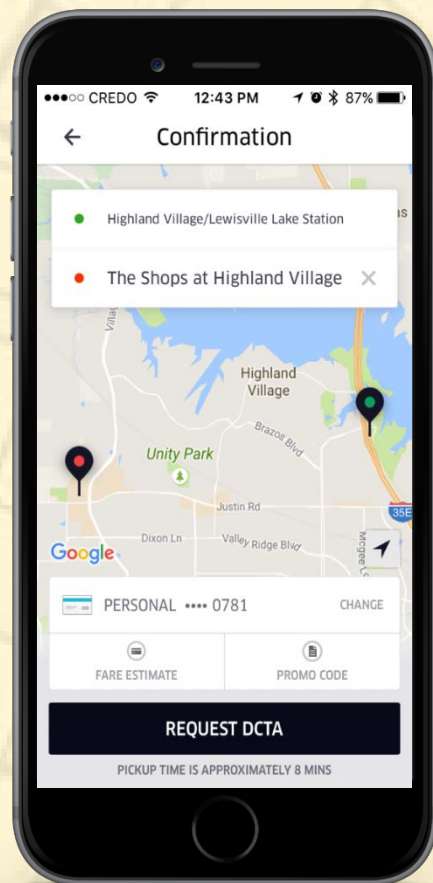


- More focus on regional mobility, access to workers, first/last mile



- Real time data collection and data sharing, linked trips / payment

# REAL TIME TRANSIT SERVICE (FUTURE VISION)



Access to Workers is a priority

Private sector needs solutions

Cost Containment is a must

Flexible, Convenient

Customizable

Tech is Becoming Main Stream

# REAL TIME TRANSIT SERVICE (*FUTURE VISION CONTINUED*)

Transit has to stay relevant

Customer Driven Demand

Market is getting crowded with Tech Companies

Technology Convergence

Collecting and sharing data real/near real time is key



# TECHNOLOGY THAT IS REVELUTIONIZING RAIL OPERATIONS

