DESCARTES™
MacroPoint

Uniting the People & Technology
That Move the World.

Network. Applications. Content. Community.

Real Time Freight Visibility

Opportunities for Public Sector in Transportation

Transportation Policy Challenges

Urban Growth

- Increased congestion
- Same day deliveries

Road Safety

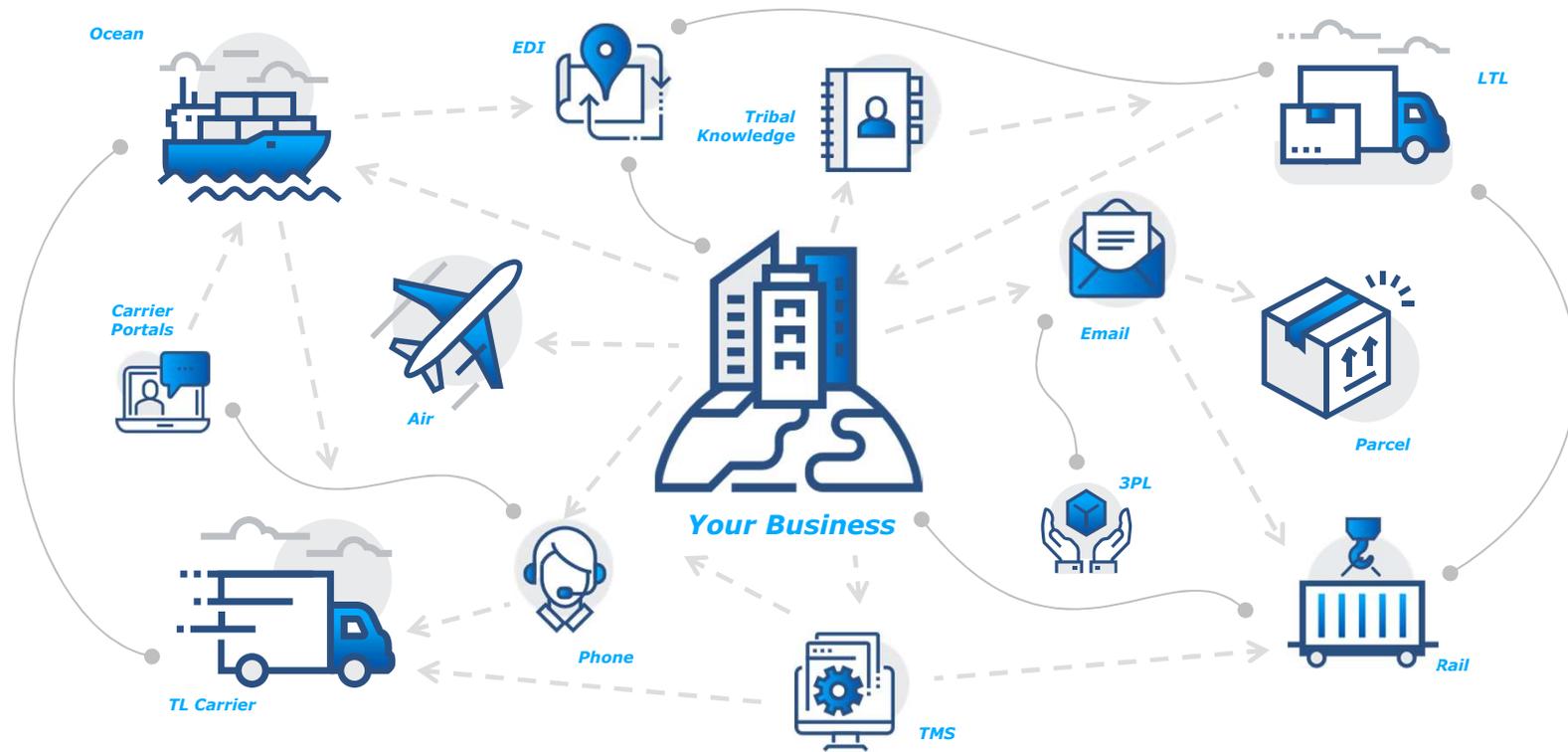- Truck Routes & Safe Roads
- Infrastructure investment

Resiliency & Security

- Hazardous goods
- Increased weather disruptions

Sustainability

- Air Pollution
- Noise

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Visibility is Challenged By Fragmented Systems & Processes

Supply Chain Performance is Compromised by Poor Visibility

Descartes MacroPoint Improves Supply Chain Performance Through a Global Multimodal Visibility Network

Global Carrier Network

TL Carrier

Ocean

LTL

Rail

3PL

Air

Predictive Visibility & Alerts

Performance Analytics

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Robust Connection Options to Maximize Carrier Connectivity and Compliance

ELD

IoT

Dispatch Systems

Booking Systems

Mobile App

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Accurate Truck Load Visibility Customers Demand

REDUCE DETENTION

CUT LABOR TRACKING LOADS

INCREASE INVENTORY VISIBILITY

STREAMLINE DOCK OPERATIONS

REDUCE CHARGEBACKS & PENALTIES

PREDICTIVE VISIBILITY

- GPS location updates as frequently as required

- Predictive ETAs

- Alerts: late pick-up, weather, traffic, detention, etc.
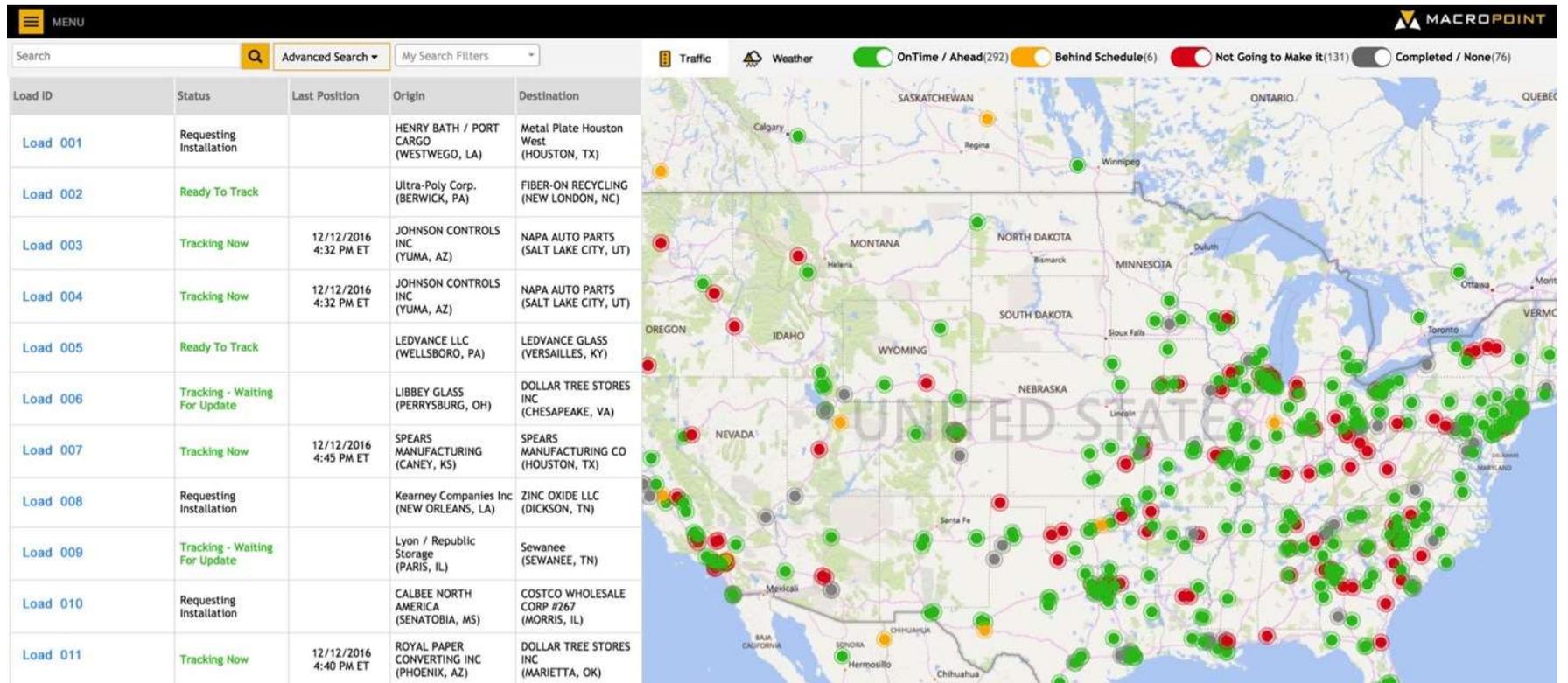
Accident Alert   On-Time: ●

ETA: 8:15 AM EDT
Origin: Cleveland, OH
Destination: New Orleans, LA
Carrier: Schneider

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Predictive ETAs Enable Your Team to Focus on the Critical Issues

Route

Speed

HOS

Traffic

Weather

Accidents

ETA

- 🟢 On time
- 🟡 On time
- 🔴 Late

- Collecting data on over 14.5M shipments per year
- Over 1B location data points can be analyzed

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Control Tower View of Loads on Road

Advanced Alerts Eliminate Unexpected Delays

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On-time Performance ●	
Carrier Compliance ●	
Carrier Scorecard ●	

Period: **Last Year** ▼   Carrier: **All** ▼   Mode: **All** ▼

Start Date: 📅 01/01/17 to 📅 12/31/17   Origin: Type to Search…

Group By: **Month** ▼   Destination: Type to Search…

Number of Loads
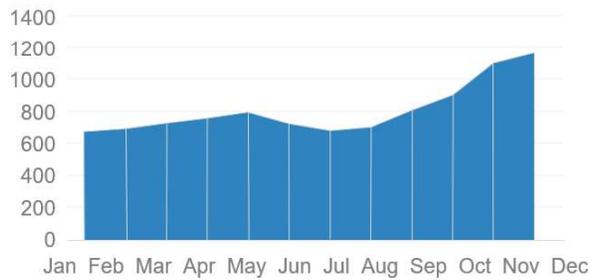
On-time Delivery

Late Delivery
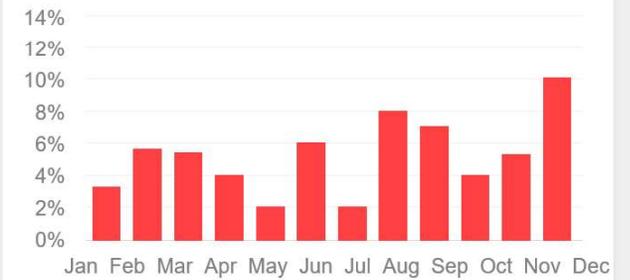
Carrier Rank - Volume	Loads	On-Time
1. Swift Transportation	700	93%
2. Schneider National	600	93%
3. J.B. Hunt Transport Services	585	94%
4. Landstar Systems	575	95%
5. Prime	550	89%
6. Werner Enterprises	350	91%
7. CRST International	285	93%
8. U.S. Xpress Enterprises	265	95%
9. Crete Carrier Corp.	215	94%
10. Knight Transportation	195	88%

Carrier Rank - On-time Percentage	On-Time
1. Landstar Systems	95%
2. U.S. Xpress Enterprises	95%
3. J.B. Hunt Transport Services	94%
4. Crete Carrier Corp.	94%
5. Swift Transportation	93%
6. Schneider National	93%
7. CRST International	93%
8. Werner Enterprises	91%
9. Prime	89%
10. Knight Transportation	88%

Carrier Rank - Late Delivery	Loads	Late
1. Penske Logistics	135	13%
2. Knight Transportation	195	12%
3. Daseke	20	12%
4. Prime	550	11%
5. Western Express	70	10%
6. Ruan Transportation	85	10%
7. Werner Enterprises	350	9%
8. Marten Transport	115	8%
9. Stevens Transport.	80	8%
10. Heartland Express	110	8%

How Real Time Visibility Can Help

Urban Growth
- Identifying congestion "hot zones"

Road Safety
- Knowing trucks actual routes

Resiliency & Security
- Geofencing safe corridors
- Risks based on weather

Sustainability
- High traffic routes
- Businesses with large detentions

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Network Applications Content Community