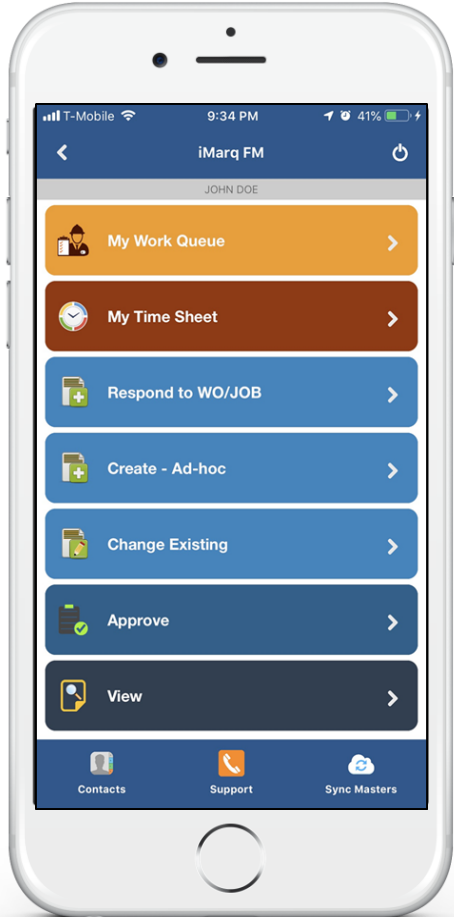


POWERING INDUSTRIES ON THE MOVE



What's next in Tech for Repairs?



Panel: Technology and Its Impact
on Fleet Repairs
October 25, 2018

G Satish, CEO, Connixt

PEOPLE | ASSETS | MATERIAL

This is Connixt iMarq™



iMarq - mobile app suite for the transit industry from Connixt

Digitize inspections, maintenance and SGR processes for workshop, field and facilities

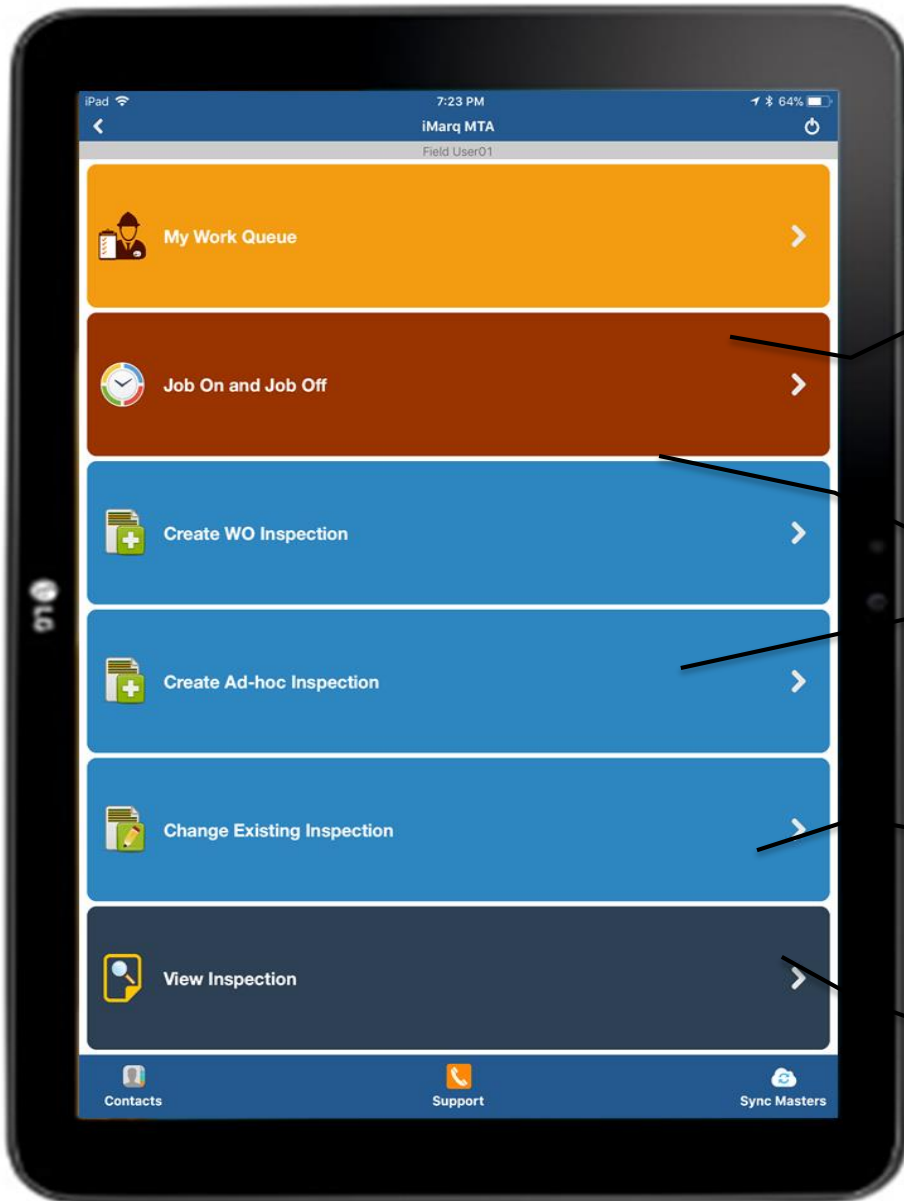
- Pre-built
- Configurable
- Workflows
- Reporting

Cloud-based – No additional hardware or software

Instant mobile for your crew and assets.



iMarq™ - Mobile app



- **Any device, anywhere**

- Android/iOS; Tablets & Smartphones
- WiFi/LTE/Offline

- **Configurable**

- Inspections, forms, checklists, Work Orders, Incident Reports
- Job-on/job-off
- SGR, inventory, condition assessment

- **User-friendly, low training**

- **Back-end integration**
- **No additional infrastructure**
- **Rapid deployment**

iMarq in the transit industry



Inspection & Maintenance

Scheduled
Pre-trip
Incident reporting



Facilities & Assets

Condition Assessment
Inventory
Service request



Contractors / Infrastructure

Progress updates
Time-sheets
Safety



Automated Reporting

MAP-21
SGR
e-TAM
Inter-agency data

What we set out to do

Liberate the end-user from complexity

- Translate thousands of pages of goals, procedures and exceptions for field/workshop crew
- Intuitive; integrated with back-end system or use with no back-end system
- Easy to deploy; no additional hardware or software



Empowering the User

The screenshot shows the iMarq FM mobile application interface on an iPad. The screen displays a form for 'Field User01' with various input fields and icons. Green arrows point from specific icons to feature boxes on the right:

- Arrow from the 'SELECT' button next to 'Daily Timesheet' to 'Selectable from Master'.
- Arrow from the 'SELECT' button next to 'Equipment #' to 'Barcode Scanning'.
- Arrow from the speech-to-text icon to 'Speech to text'.
- Arrow from the image upload icon to 'Image Upload and Annotation'.
- Arrow from the audio upload icon to 'Audio Upload'.
- Arrow from the geolocation icon to 'Geotag'.
- Arrow from the signature field to 'Signature'.

Selectable from Master

Barcode Scanning

Speech to text

Image Upload and Annotation

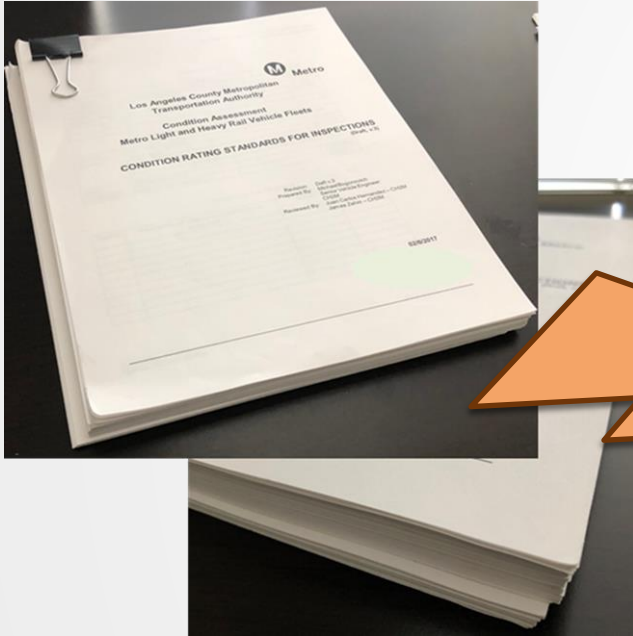
Audio Upload

Geotag

Signature



SGR @ Metro with Connixt iMarq



3:50 PM 84%
iMarq MTA
John Doe

Condition Assessment Metro's LRV and HRV fleets Standards for Inspections

Condition Assessment Metro's LRV and HRV fleets S

Blue Flag

YES NO

HV Power Removed

YES NO

Electrical Enclosers

YES NO

2-1-Vehicle Grouping

Interior

Cab(dashboard,controls,operator's seat etc.,)

5-EXCELLENT 4-GOOD 3-ADEQUATE 2-MARGINAL 1-POOR

1-2-Passenger Compartment(seating,panels,flooring,lighting, compartments, etc.,)

5-EXCELLENT 4-GOOD 3-ADEQUATE 2-MARGINAL 1-POOR

1-3-Windows(frame,glass,seating,etc.,)

5-EXCELLENT 4-GOOD 3-ADEQUATE 2-MARGINAL 1-POOR

Doors

2-1-Door Panels

5-EXCELLENT 4-GOOD 3-ADEQUATE 2-MARGINAL 1-POOR

* Required Fields

Save Save and Submit

Connixt Inc., © All Rights Reserved

2:36 PM 76%
iMarq MTA
Field User01

MAJOR INSPECTION

Badge #

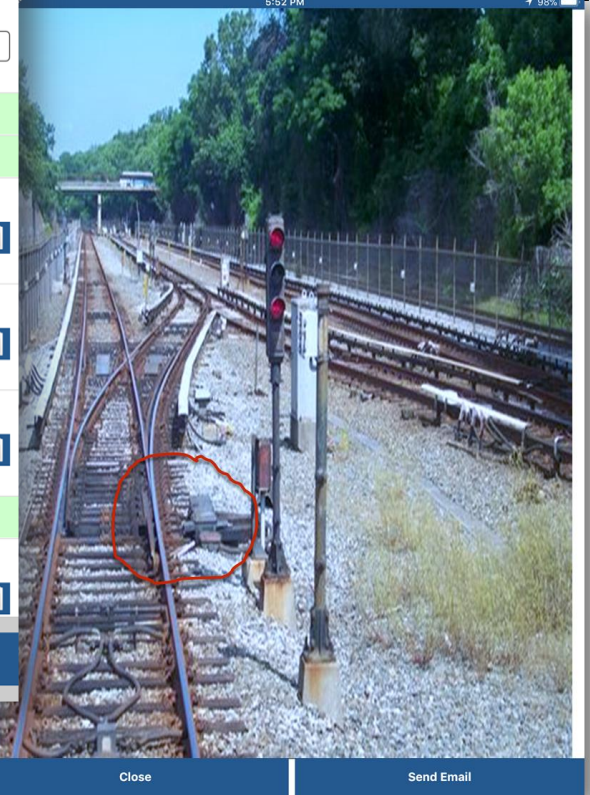
Signature

Click for Signature

Sob

SUPERVISOR

Name

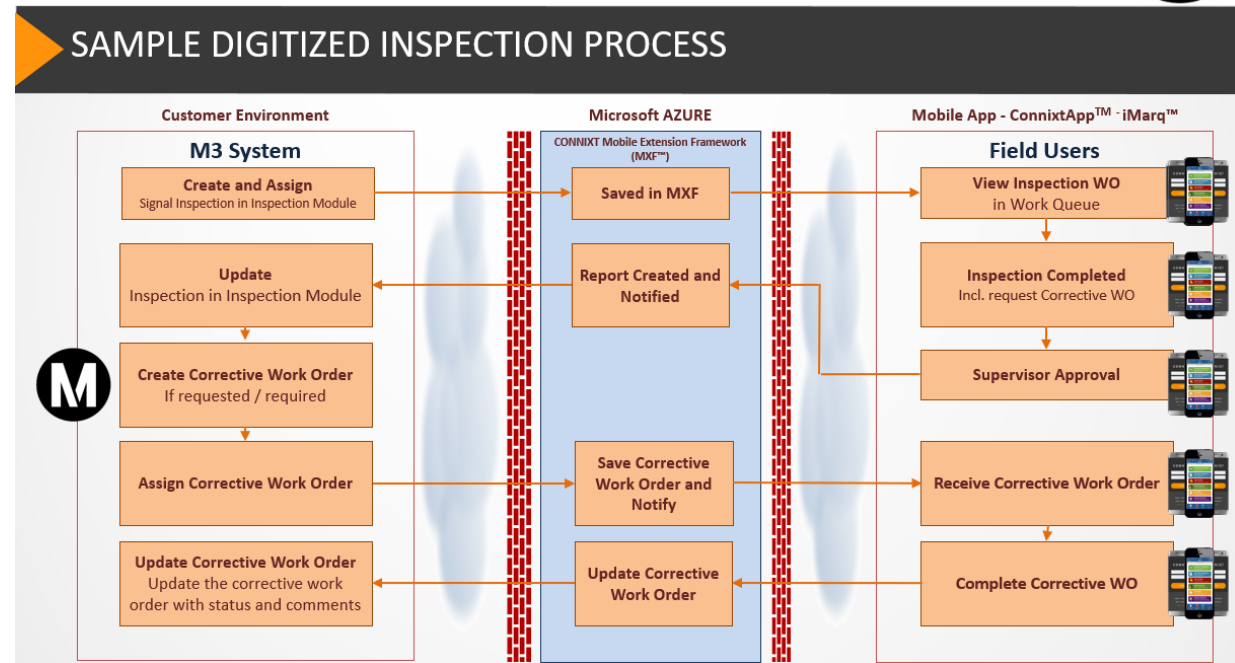


iMarq @ Work Today



Metro®

- Bus Inspection
- Track Inspection
- Rail Car Daily Inspection
- SGR
- Bus QA
- Rail QA (Rail and Station)
- Rail Car PM Inspections
- Rail Wayside Signal (Grade and Main)
- Rail Wayside Switch and Frog
- Incident Reporting
- ECR
- Bus Equipment (ATMS and UFS)



- 20% Labor hour savings
- Inspections saved as PDF with photographs & signature in back-end system
- Next phase – extend apps to
 - Facilities Management/General Services
 - Rail/Bus PM
- FRA certification

So, What's Next?

Ask the Right Question...



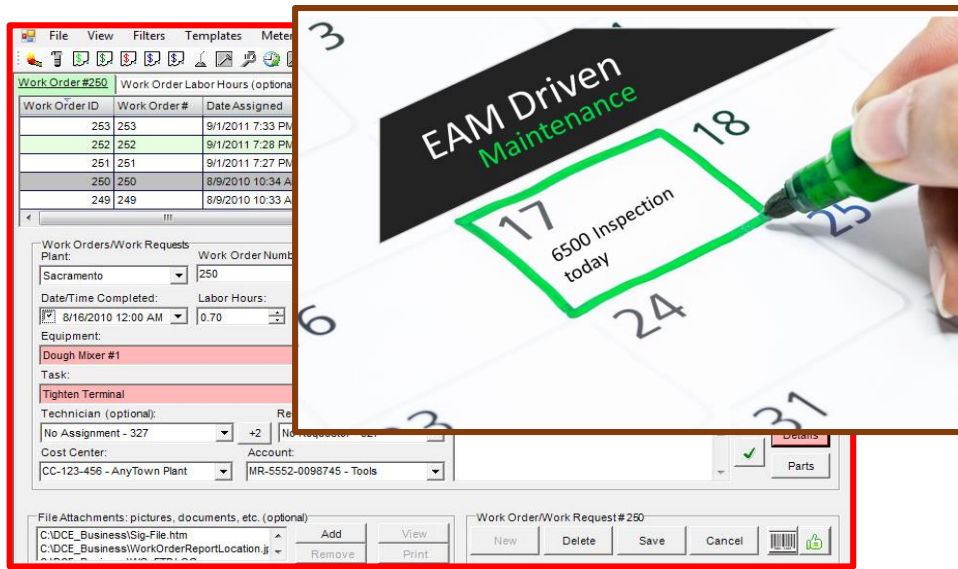
- Can I do on my mobile everything I can do on my laptop?

Vs

- What can I do now that I could never do before?



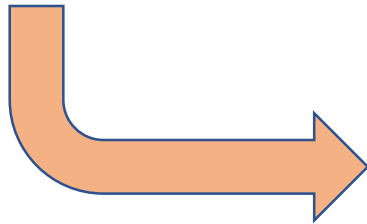
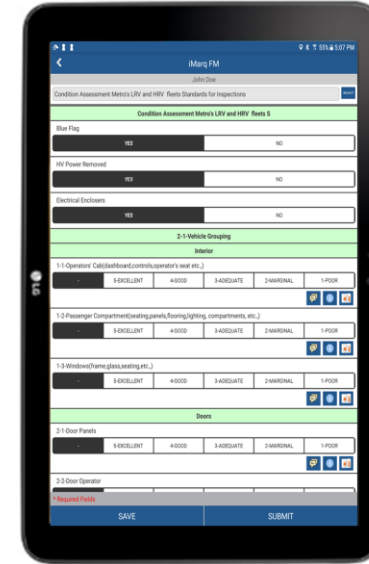
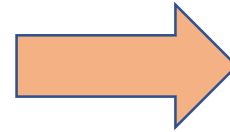
Today: EAM to Mobile to Fleet Maintenance



The image shows a screenshot of an Enterprise Asset Management (EAM) software interface on the left and a calendar on the right. The EAM interface displays a table of work orders and various form fields. The calendar on the right has a date circled in green with the handwritten text "6500 Inspection today". A hand is shown writing on the calendar.

Work Order ID	Work Order #	Date Assigned
253	253	9/1/2011 7:33 PM
252	252	9/1/2011 7:28 PM
251	251	9/1/2011 7:27 PM
250	250	8/9/2010 10:34 A
249	249	8/9/2010 10:33 A

Work Orders/Work Requests
Plant: Sacramento
Work Order Number: 250
Date/Time Completed: 8/16/2010 12:00 AM
Labor Hours: 0.70
Equipment: Dough Mixer #1
Task: Tighten Terminal
Technician (optional): No Assignment - 327
Cost Center: CC-123-456 - AnyTown Plant
Account: MR-5552-0098745 - Tools



NEXT: FLEET REQUESTS MAINTENANCE, UPDATES EAM

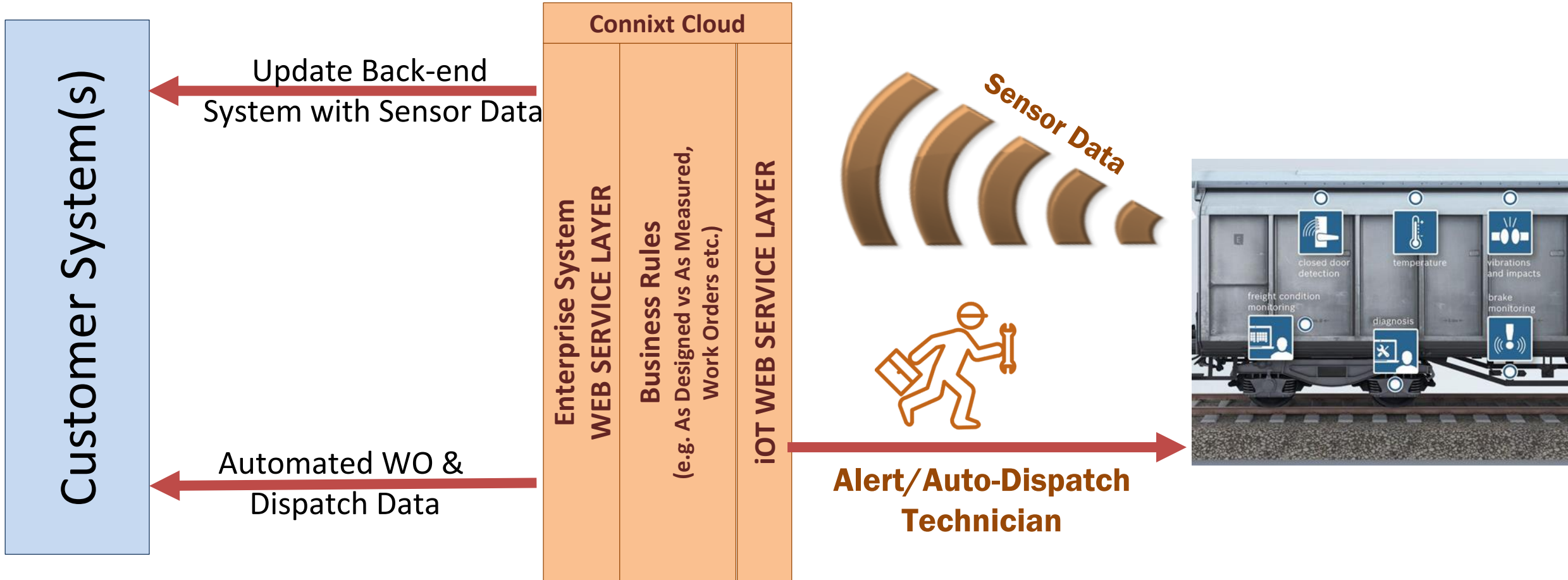
Changing the paradigm to where fleet communicates and drives action



Notifies workshop on actual situation based on pre-set rules
E.g. Out of tolerance,
As-Designed Vs As-Measured



Connixt Transit IoT Framework



iOT @ Transit

Forget the terminology – what does it mean for you?

- Instant updates from the field or as the vehicle passes a data zone
- Data from multiple sensors, irrespective of vendor
- Analysis of input data, apply rules
- Schedule appropriate maintenance activity
- Update EAM, issue Work Order on mobile app
- Common platform across multiple sensor vendors

Measurable impact on ROI, ROA and Compliance

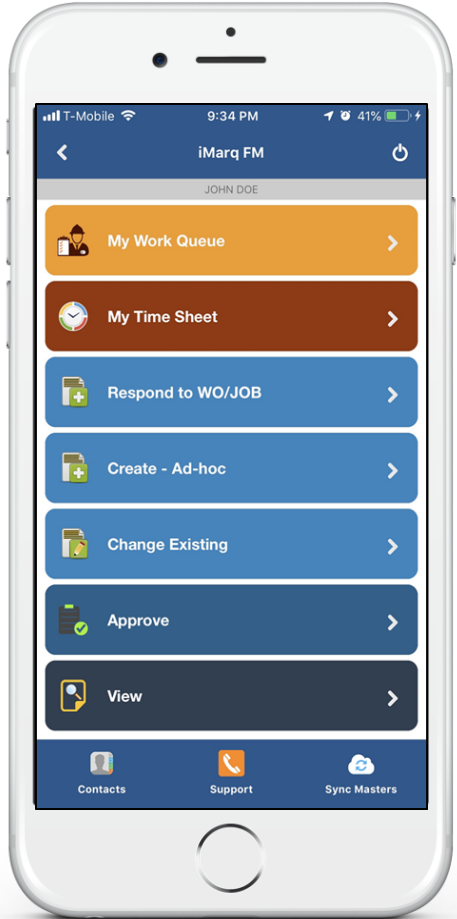
- Safety
- Cost
- Efficiency
- Better deployment of capital and workforce

The value of Real-time updates & the results



“Mr. Corleone is a man who insists on hearing bad news at once.”

POWERING INDUSTRIES ON THE MOVE



What's next in Tech for Repairs?



Panel: Technology and Its Impact
on Fleet Repairs

October 25, 2018

G Satish, CEO, Connixt
info@Connixt.com
www.Connixt.com/transit

PEOPLE | ASSETS | MATERIAL