



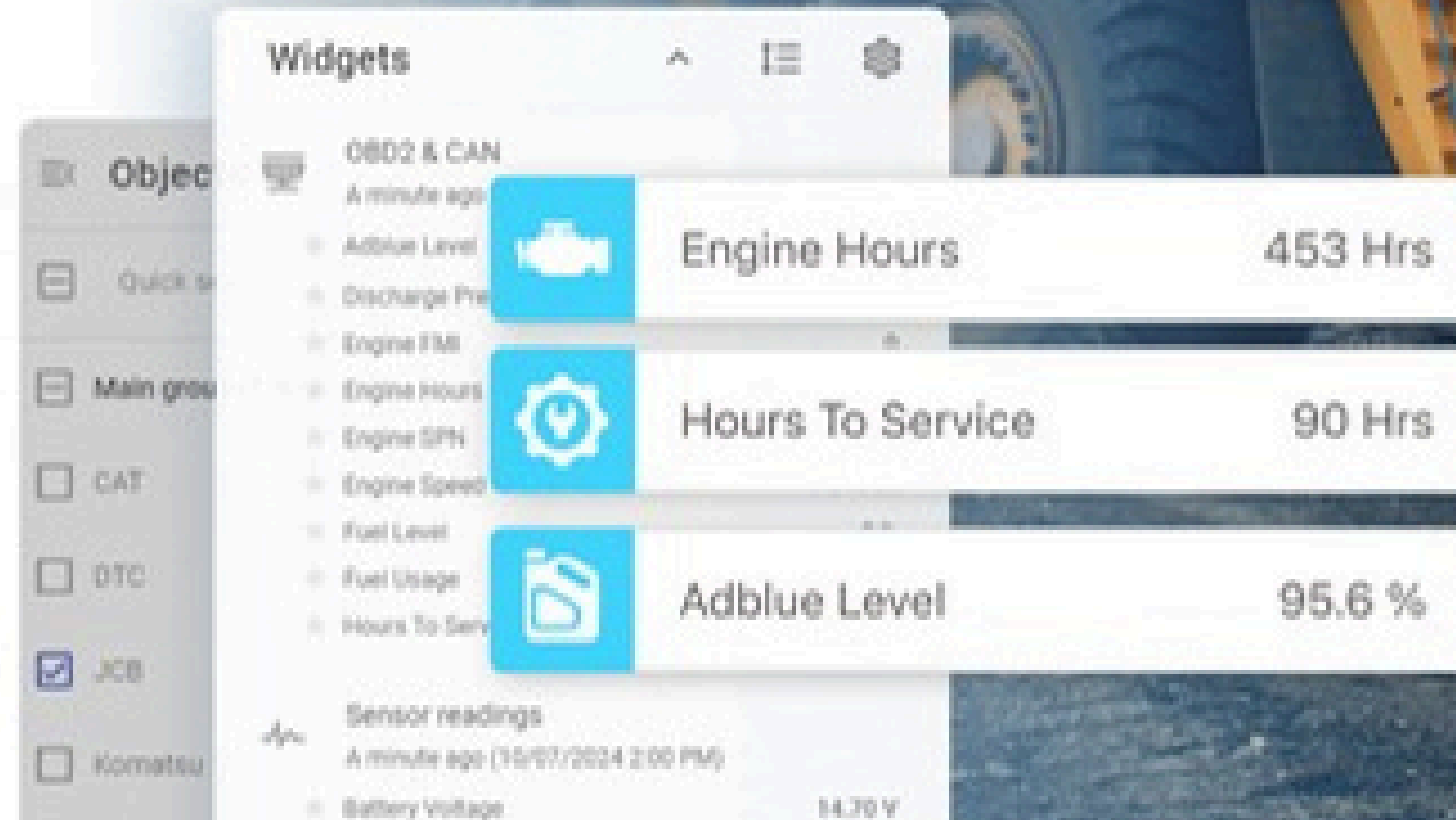
Heavy machinery telematics:

Redefining efficiency in the age of smart equipment

Heavy machinery

Key features and benefits for heavy machinery:

- ✓ Comprehensive equipment monitoring
- ✓ Maintenance planning and efficiency
- ✓ Diagnostics and fault detection
- ✓ Fuel and emissions management
- ✓ Safety and environmental monitoring



Heavy machinery

Comprehensive equipment monitoring

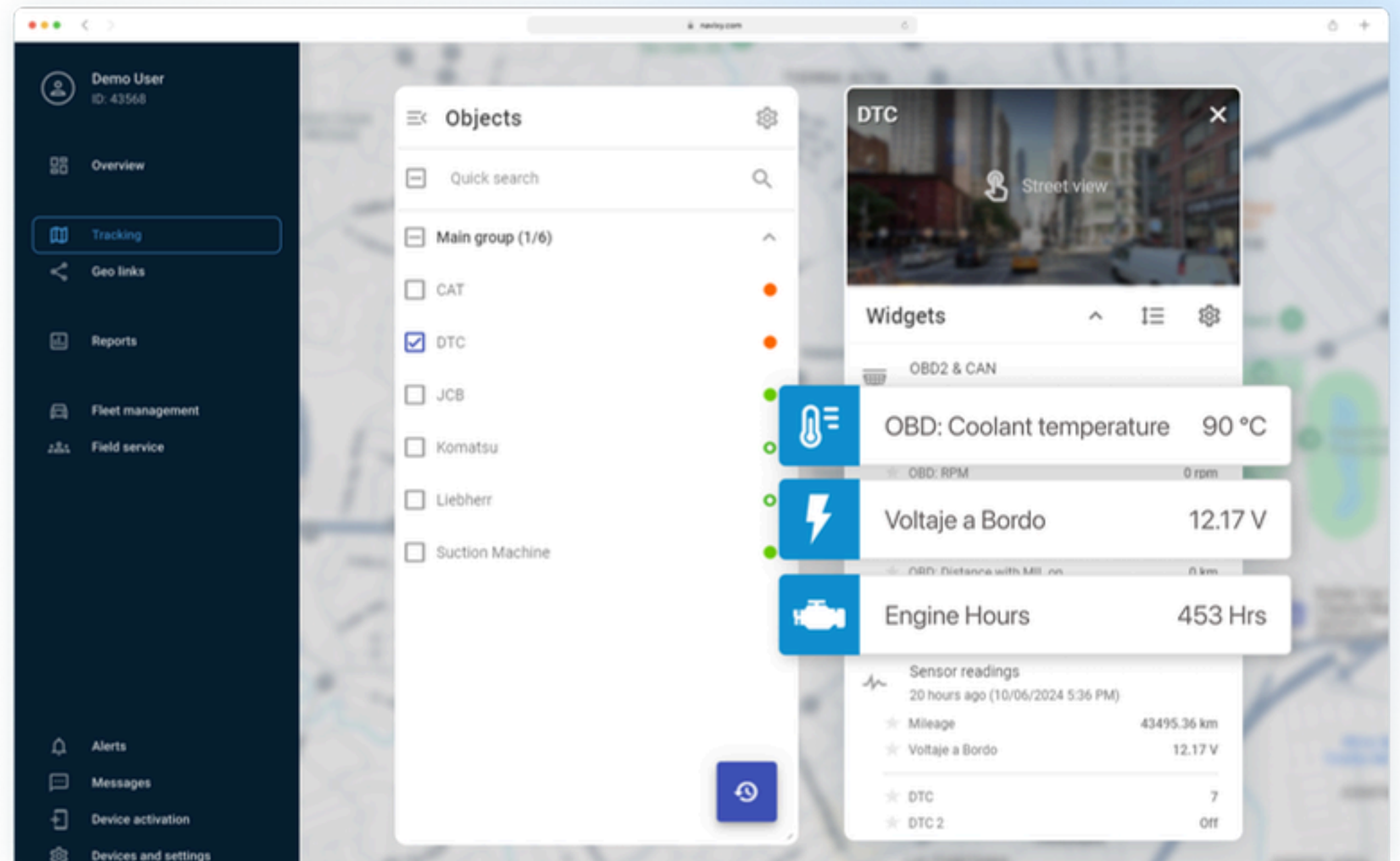
Real-time data integration

- ✓ **Engine hours:** track total engine hours for maintenance scheduling

Example: "JCB" machine has run for 453 hours, coolant at 90°C, battery at 12.17 V

- ✓ **Coolant temperature & battery voltage:** monitor critical metrics to prevent damage

Example: "DTC" machine, coolant at 90°C, battery at 12.17 V



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Maintenance planning and efficiency

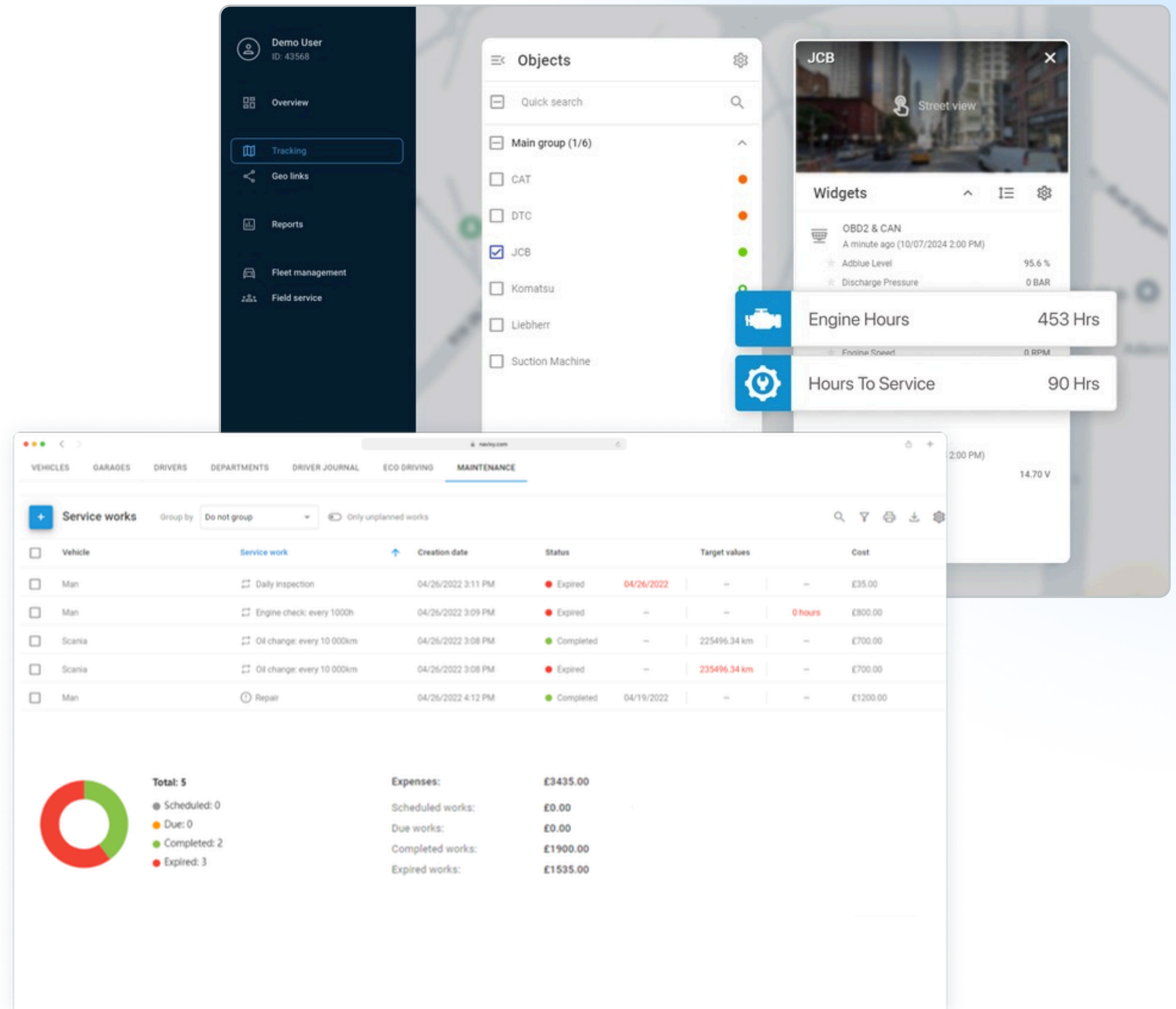
Optimized maintenance cycles

- ✓ **Service intervals:** plan maintenance to avoid disruptions

Example: 90 hours left until next service

- ✓ **Track engine hours** to schedule servicing

Example: "JCB" machine logs 453 hours



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Diagnostics and fault detection

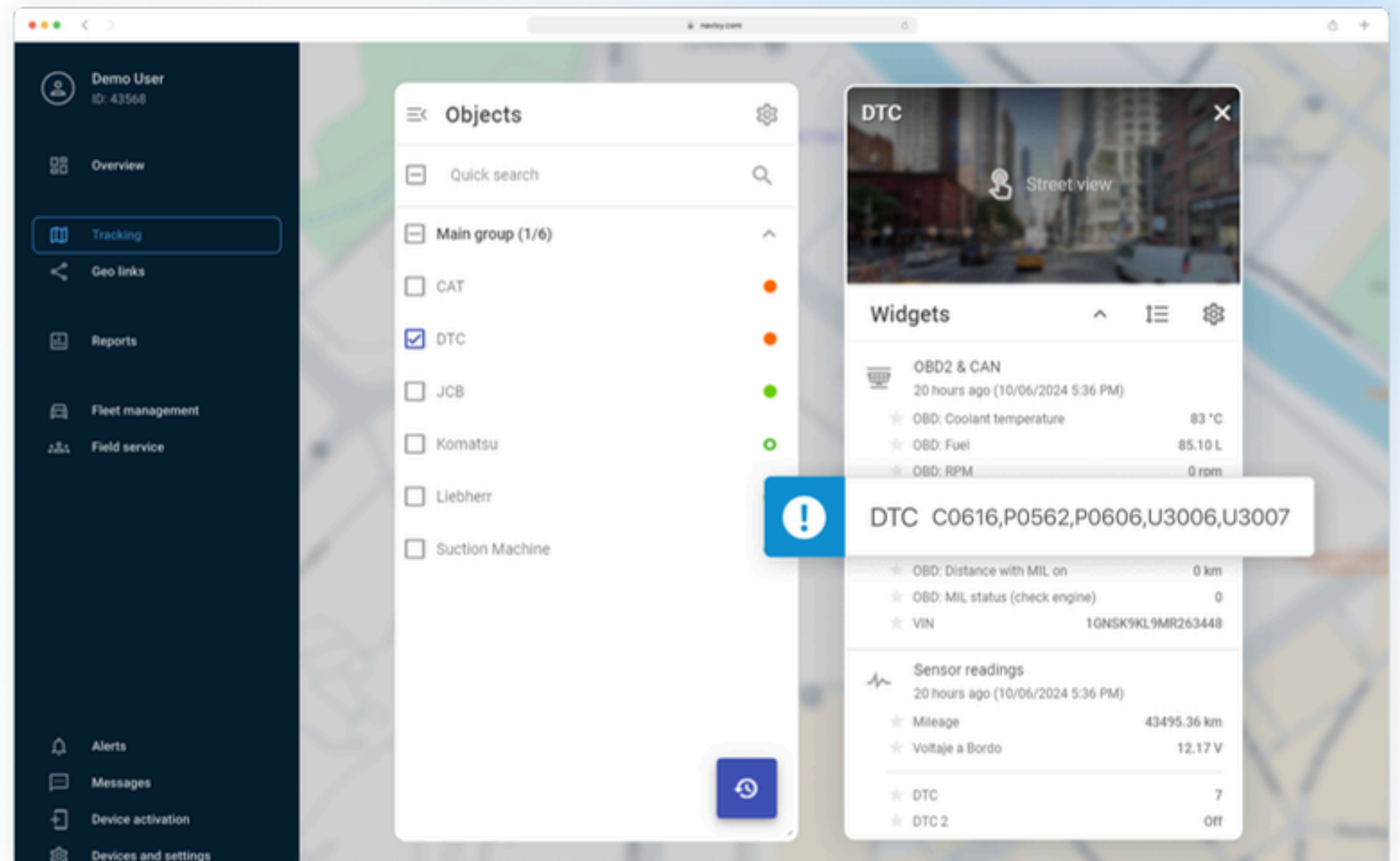
Early fault detection

- ✓ **Diagnostic trouble codes:** help technicians to diagnose and resolve issues.

Example: "DTC" machine reports C0616, P0562, U3006 codes

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Fuel and emissions management

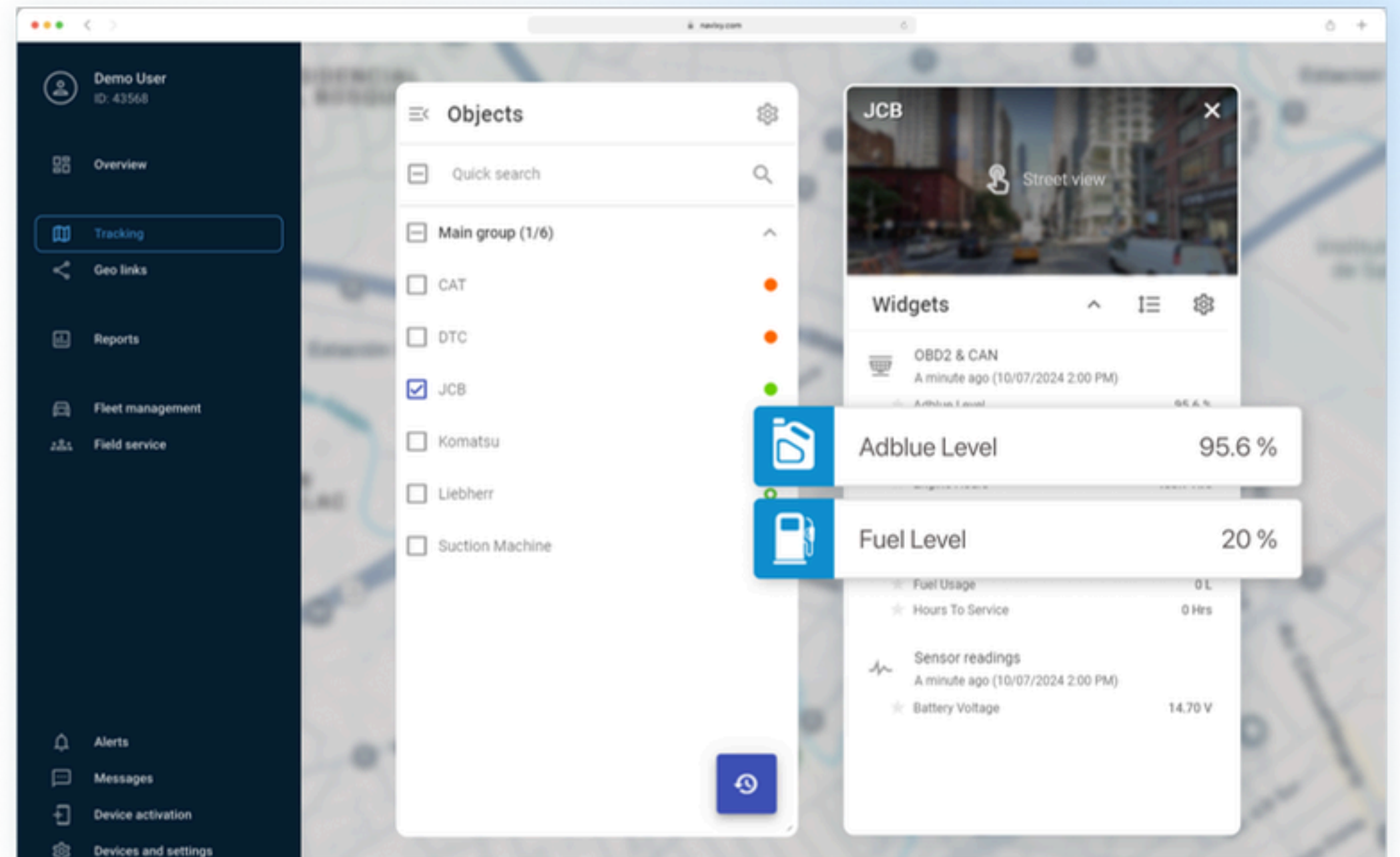
Compliance and efficiency

- ✓ **Adblue level monitoring:** ensure emissions compliance

Example: Adblue level at 95.6%

- ✓ **Fuel level tracking:** prevent operational interruptions by refueling in advance

Example: Fuel level at 20%



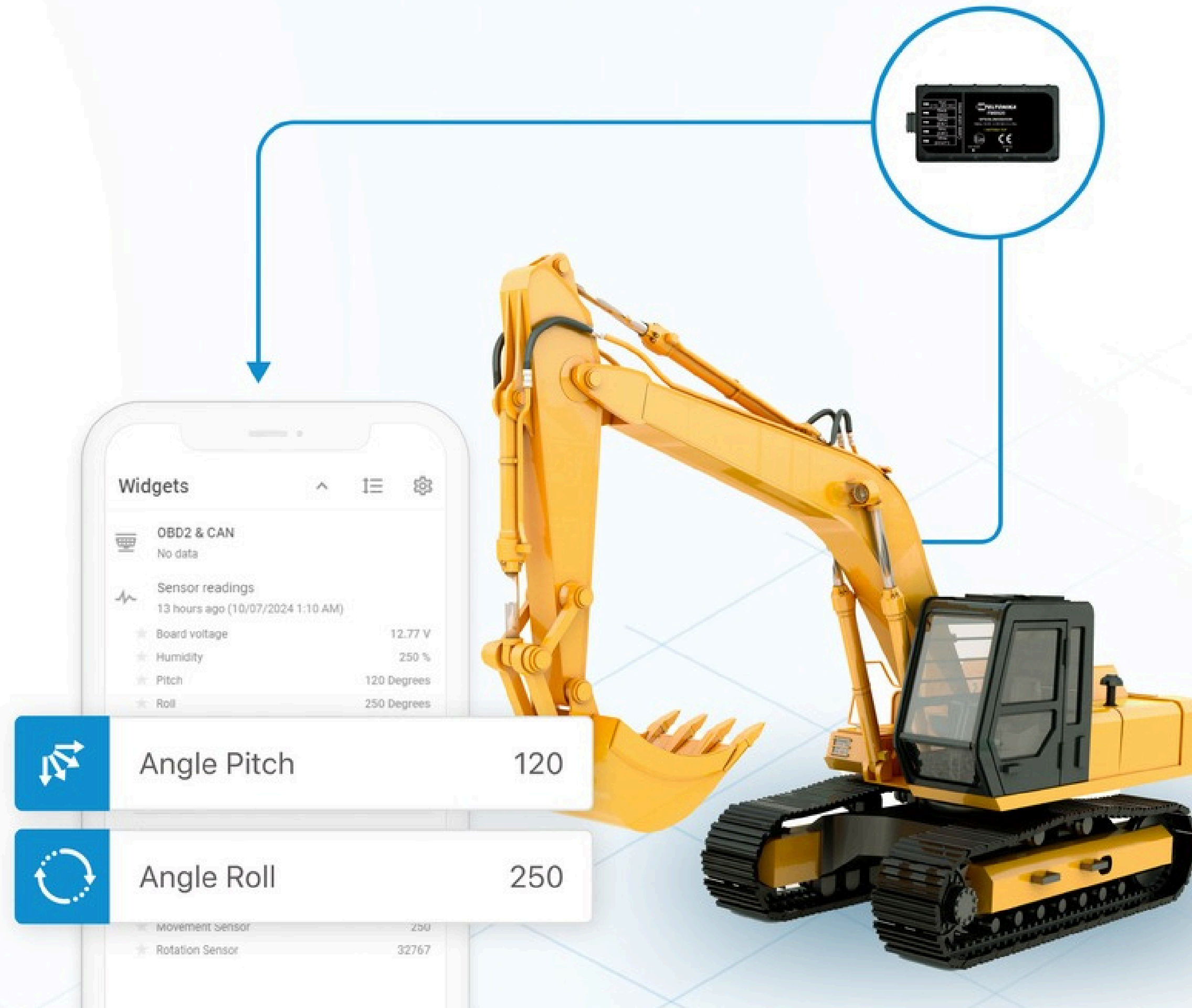
Heavy machinery

Monitoring equipment position and safety

Ensuring safe operation

- ✓ **Boom angle & tilt monitoring:** track the position of machinery components to detect abnormal values to prevent accidents
- ✓ **Movement and rotation sensors:** monitor machinery use and ensure safe operation

Example: "Liebherr" machine reports rotation sensor readings



Heavy machinery

Benefits of Navixy for heavy machinery

- ✓ Reduce operating costs
- ✓ Prevent downtime with early issue detection
- ✓ Diagnostics and fault detection
- ✓ Ensure safety through real-time monitoring
- ✓ Ensure safety through real-time monitoring



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Thanks for your attention!

