

All vehicles. All assets. One platform.

# Construction Solution

Sensor status	ON 
Order number	47481
Ticket	501385
Job status	Ready to load



**CORETEX**



# Construction fleet management built for you.

The Coretex construction fleet management solution gives you real time visibility of every vehicle, every load and every driver to take the stress out of your construction projects.

Through a connected network of wireless sensors, compact hub, dashcams, driver tablet and business dashboards, Coretex has engineered the complete solution for construction projects both on and off the site.

Capturing rich data throughout every step of the workflow ensuring customers, drivers, dispatch and management remain

informed, and make decisions that reduce waste, increase safety, and maximize productivity.

## We grow with the industry

At Coretex we've been working together with our customers and integration partners for over 15 years to build a platform for operational assurance and safety that works for everyone. We understand that different organizations have different needs and our products are flexible and scalable to fit any requirement.

# Coretex 360

## A birds eye view into your operations

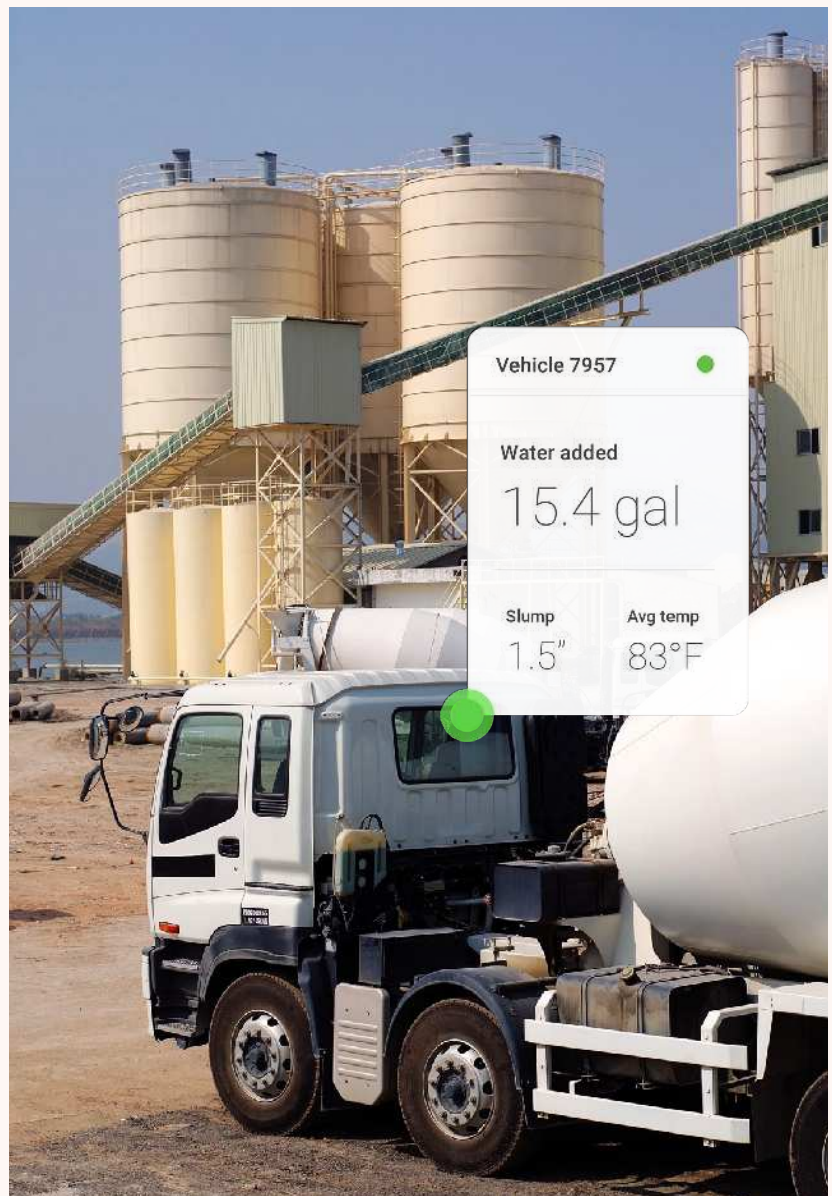
Coretex captures data from vehicles, staff, drivers, and third-party applications and surfaces it for you in 360, our cloud-based fleet management platform.

360 is the essential tool to give dispatchers, safety teams, maintenance teams, and plant managers the information they need to optimize every aspect of a fleet operation. Operators can track location and speed, replay trips, define and manage job site geofences, control assets, interrogate triggered events, monitor driver behavior, maintain service records, allocate jobs and more.

## Integrations

With a dedicated integrations team, the third-party applications available to Coretex customers are always evolving.

Two-way dispatch integrations are available with Marcotte, Command Alkon, ConcreteGo, Jonel, WheresMyConcrete and Sysdyne Technologies for jobs, integrated auto job statusing, water add and location tracking as well as a CiDRA SMARThatch integration for quality control purposes.







## CoreHub

### Small in size, big in power

With a sleek and powerful design inside and out, CoreHub converts vehicle activity into actionable insights for you to run your business.

Sitting discreetly inside the cab, collecting data directly from your engine management system, while transforming your vehicle into an IoT hub. A series of connected wireless sensors track things like door alerts, concrete mixer drum rotations, water levels and more, to make guessing a thing of the past.

CoreHub is easy to install, and comes with full support. Using Bluetooth Low Energy it connects wirelessly to sensors, maximizing efficiency, longevity and performance.

### Built to go where you need

From mountains to highways, dirt to snow, blistering heat and heavy rainfall, CoreHub was built for the tough jobs. For the harshest environments, we've added additional protection with the CoreHub Xtreme for a reliable and rugged device you can count on.

# Designed with a **big future** in mind

Every modern advancement has been applied to CoreHub so it can be your perfect partner for years to come. System upgrades are delivered wirelessly to ensure you continue to run the latest versions, and all new device releases maintain compatibility.



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Cellular 4G LTE, 3G/2G fallback

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Wi-Fi 2.4 & 5Ghz  
(802.11 a/b/g/n) 150Mbps

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Bluetooth Classic + BLE 4.2  
(host & client)

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Dual SIM card support, global  
SIM provided

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eSIM service

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Dual CAN Bus Connectivity

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Communicates with the Coretex  
Azure IoT Hub

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All data is military grade  
encrypted and secure

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Up to 16 GB of local storage

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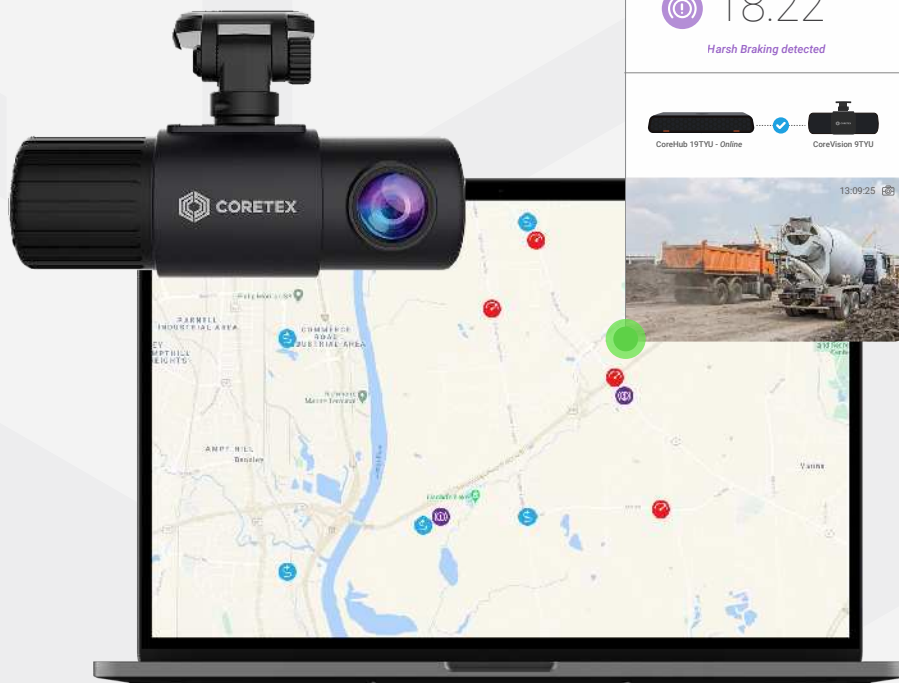
FCC, PTCRB & C-tick certified

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# CoreVision Dashcams

Combining driver and vehicle data with HD video, CoreVision delivers more than a dashcam recording, it's a complete view of every journey.

Accurate recordings from your truck are critical in defending your company from fraudulent claims on and off the worksite. Event triggered recordings offer a simple solution to incident resolution, while delivering the ultimate in driver coaching and training through trip replay to identify areas for improvement and coaching. As an extra safety feature, loaded right turns are automatically recorded for your records.



**Always got you covered**

CoreVision doesn't require an additional sim or data thanks to IoT powering from CoreHub. If a camera gets broken during an incident, your video recordings are kept safe. CoreHub stores your data and transmits it to the cloud to connect with management tools for reporting, safety, and compliance.

# IoT tags and wireless sensors

Using our Universal Tag Sensor, CoreHub connects to a growing ecosystem of wireless sensors to capture the data you need for your business.

These low-cost sensors are easy and quick to install, and connect to CoreHub using the CoreHub Installer App. They are IP 66 rated, so they're protected from high pressured waterjets and thermal shock.

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## Drum Rotation Sensor

A self-powered wireless sensor that sits flush on the drum and gives you accurate, real time drum information at all stages of the job. With five years of battery power, it's built to last and count every rotation.

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## Universal Tag Sensor

A universal IoT tag that connects with a range of supported sensors to feed the data you need straight into CoreHub.

## Hydraulic Temperature Monitoring Sensor

Monitor temperature trends on your hydraulics to see when maintenance is required before issues arise. Preventive maintenance means you can keep your trucks on the road for longer, and avoid hazard prone break down situations.

## Hydraulic Pressure Sensor

Measures the level of resistance to the drum turning giving you sight into the viscosity of the material inside the drum. Accurately load your trucks with the correct grade mix and reduce wasted loads.

## Water Add Sensor

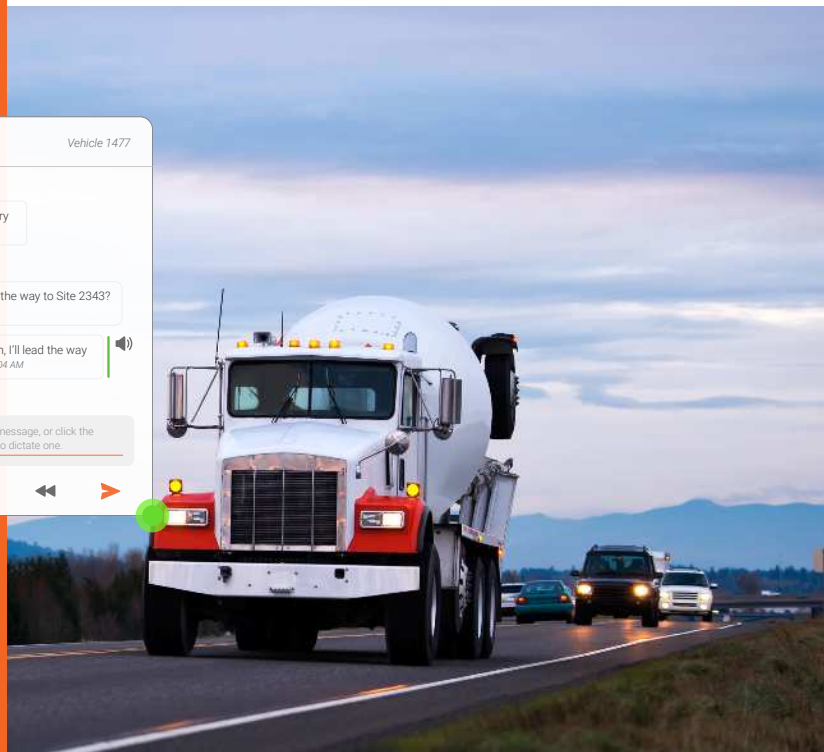
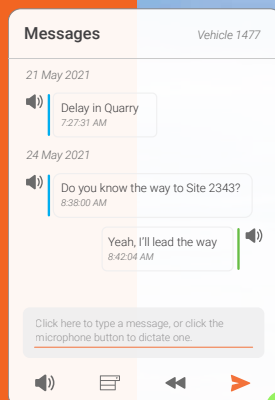
Automatically records and reports the amount of water added to the mix for audit and quality control purposes.

## Washout Sensor

Determines when drivers are actively using the on-board water system to clean the truck. Know how much time drivers are spending between finishing pouring, washing the truck, and leaving the site.

# Communicate with Drivers

Coretex 360 and Zello integration makes it easy to connect drivers and dispatch in real time. Making sure that your drivers get all the information they need as quickly as possible.



## ZELLO PUSH TO TALK INTEGRATION

- Real time voice messaging
- Truck-in-front communication
- Unlimited range and channels
- Live voice playback
- Dynamic job channels

## 360 MESSAGING

Message drivers both individually and in bulk within the Coretex 360 app. Drivers are able to view the messages in DRIVE, Coretex's in-cab fleet management solution.

## NAVIGATE ROADS NOT YET BUILT

It's not always easy to find your way around big sites, especially when there are no markers or road signs around. Using geofence technology and truck-in-front messaging with Zello, Coretex can guide vehicles to uncharted territories.



# Coretex DRIVE

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Coretex DRIVE is an Android based in-cab solution that links drivers to vehicles and vehicles to dispatchers. DRIVE gives drivers single screen access to -



Turn-by-turn navigation



Detailed job tickets



Messaging and truck-in-front communication



Sensor data



ELD with construction exemptions



DVIR and checklists



Status updates



Real time driver feedback



Your choice of custom applications

## DVIR

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Coretex provides paperless Driver Vehicle Inspection Reports (DVIRs). DVIR offers customizable pre- and post-trip checklists and identifies defects within vehicles that are out of range. Your maintenance team receive alerts in real time so they can see what work needs to be done before a truck goes out on the road.

## AUTO JOB STATUSING

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Real-time visibility into the location, behavior and status of your ready mix and aggregate trucks. Auto job Statusing allows key personnel in your supply chain to see how many trucks are ticketed, en route, waiting on site, pouring and traveling back to their plants.

# CoreAnalytics dashboards

Combining leading edge data science with our high-definition device data, Coretex dashboards give you insight like never before. With reports specialized to the construction industry you can easily see your utilization, total ticketed and more, allowing you to make informed business decisions to take your organization to the next level.

- Job count
- Cubic yards ticketed
- Lead distance
- Waiting time
- Contractor Statistics
- Trip time
- Driver behavior

- KPI Violations based on vehicles over accepted waiting time
- Cost of waiting time
- Water add information
- Plants waiting time and cubic yards ticketed comparison

● Time to depart plant	00:09:43
● Time to site	00:10:36
● Wait time on job	00:08:12
● Time on site	00:41:05



*Advanced reporting using data from CoreHub allows real time visibility into your construction operations to achieve compliance and optimized asset utilization – saving you time, effort and money.*





Coretex delivers compliance and fleet management solutions to more than 60,000 connected vehicles in the construction, mixed fleet and waste and recycling industries.

Coretex's cloud-based visualization software helps customers worldwide turn rich data into automated business intelligence to enhance safety, reduce waste and improve productivity.



**100,000+**

CONNECTED  
DEVICES



**1200+**

ORGANIZATIONS RELY  
ON CORETEX



**28m**

DAILY PLATFORM  
TRANSACTIONS



**150+**

STAFF  
GLOBALLY



**CORETEX**

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