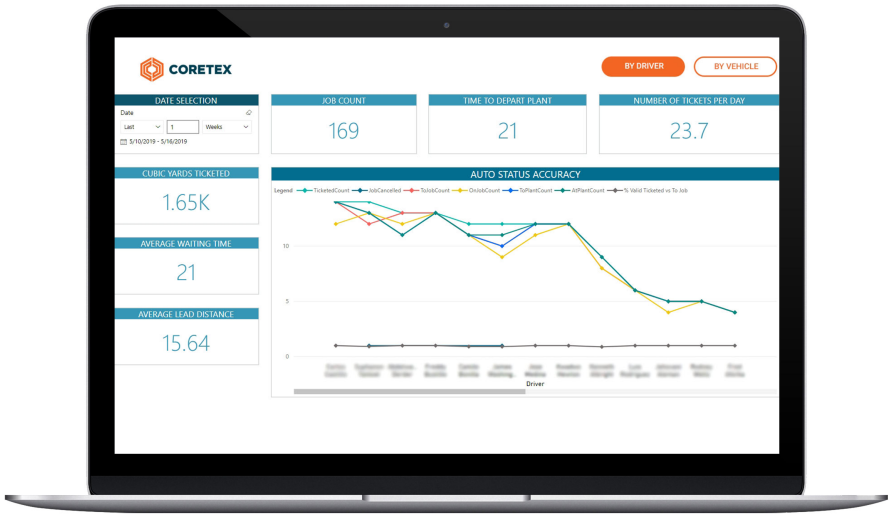
PRODUCT: Coretex 360
VERSION: v19.2
RELEASE TYPE: External Use (Confidential to Coretex Limited)
RELEASE DATE: Jul 2019

Coretex Release Notes

Version 19.2 for Coretex 360



Contents

About the Release 3

Overview - New Features 3

New Features 4

Screen loading time and performance improvements 4

Alerting: Alert Plan management 4

Reefer Manager: Two-way communications 5

Support for Mi-Jack remote door locks 6

New report available 7

Additional security permissions for Entity managers 8

Support for unlisted trailers 8

ELD – Selective editing capability for In-Motion Statuses 8

Dashboards 9

About the Release

We are pleased to announce our 19.2 Version of Coretex 360. This release has a number of enhancements and new features. Please review these, **especially** if you use Alerts, as there are some significant changes to the configuration of Alerts

Overview - New Features

ALERT PLAN MANAGEMENT	– Implementation of Alert Plan infrastructure to allow different sets of alerts for different users or groups
REEFER	– Remote Control of Reefers – Control / Monitor Mi-Jack Power In-Lock® locks – Batch and Schedule Reefer Commands
REPORTS	– Vehicle Inspection Defect report – Vehicle Health Report – Driver Health Report
USER MANAGEMENT	– Changes to security access permissions assigned to users of Coretex 360
DRIVER HOURS/ELD	– Support for use of temporary (i.e. unregistered) trailers – Edit Driver Log entries that are in “in motion” statuses (Driving, Yard Move, Personal Conveyance) and change their status and the time span they cover
DASHBOARDS	– Updated dashboards to provide analysis and visualisation of fleet safety, utilisation and productivity

Actions required by customers

Coretex 360 is a web based application. You will be advised when the new version is available (by a system notification) and no action is required by customers.

New Features

For full details please consult relevant User Guides which can be accessed via the **?** icon, found at the top right of any 360 screen.

Screen loading time and performance improvements

Performance improvements have been made in the loading of data into the Tracking Page, along with the Vehicle and Driver Manager screens. Customers with large fleets will benefit from this the most and we have seen improvements of >10x in loading times (some of these optimisations have already been deployed prior to this release).

Alerting: Alert Plan management

Whilst Coretex 360's underlying Alerting system is extremely powerful, there has historically been a limitation where Coretex Support staff were required to configure alerting requirements when multiple recipients with different alerting requirements were needed.

For example:

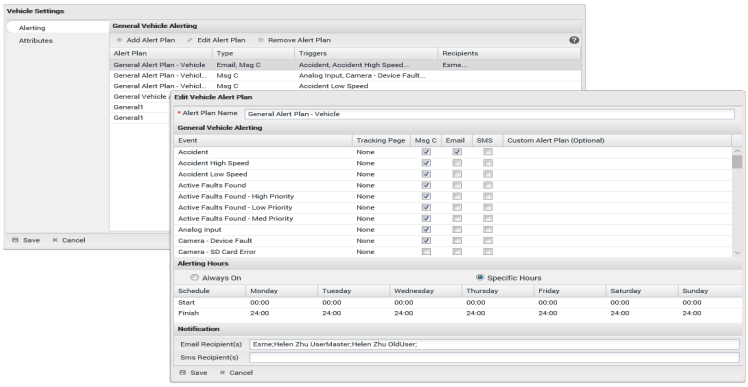
- sending Harsh Braking and Cornering Alerts to one user, and Idle events to another user
- sending Geofence Entry Alerts to one user during business hours and a different user outside business hours

Release v19.2 makes these scenario's user accessible by adding the ability to create multiple Alert Plans under each entity (Vehicles, Drivers, etc) rather than being restricted to a single set of alerts in each.

As part of the implementation of this functionality, all alerting set up prior to this release has been moved into a new automatically created Alert Plan for each each entity. This ensures that there are no changes to current alerting behavior and can easily be edited as and when changes are required

Alert Plan lists display:

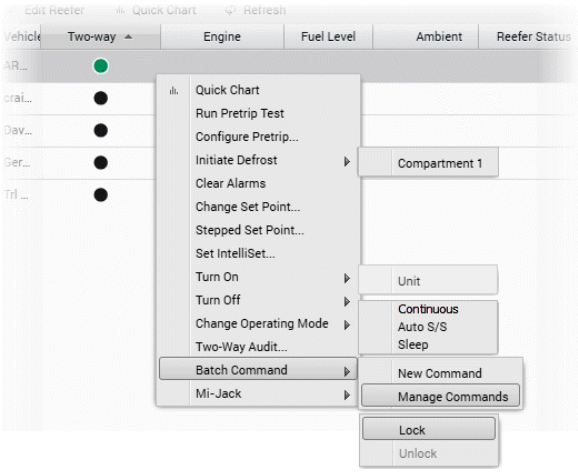
- Alert Plan Name
- Type of alert (e.g. Email, Text message)
- Triggers - the events that will trigger the alert plan
- Recipients of the alerts to be raised



Reefer Manager: Two-way communications

Coretex 360 Reefer Manager now supports the ability to send commands to reefers and monitor status of the commands. Commands include changing Setpoints, running Pre-trips, remotely starting or stopping a reefer, running a defrost, changing Intelliset parameters, the ability to batch commands and more.

When enabled, a number of options will be available via the right-click menu:

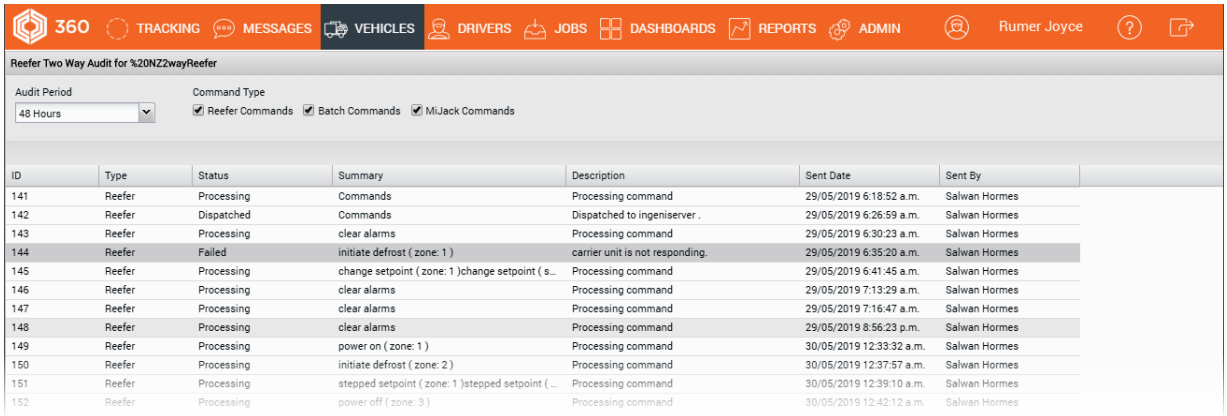


Access to two-way commands is controlled with security access permissions.

Two-Way Audit

All two-way reefer commands are tracked for audit puposes and provide a trail of commands and communications with the unit.

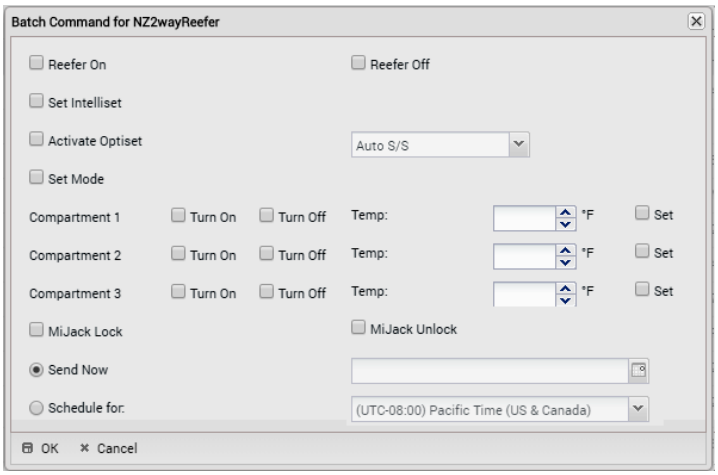
Sample audit screen of Reefer Two-Way Audit entries for a selected asset:

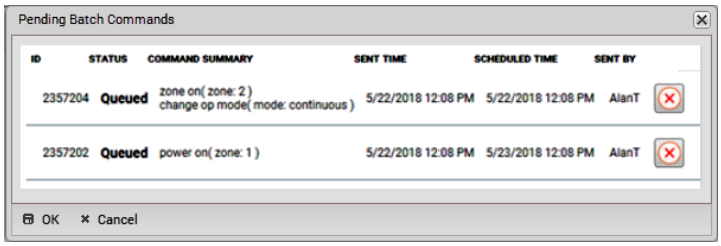


ID	Type	Status	Summary	Description	Sent Date	Sent By
141	Reefer	Processing	Commands	Processing command	29/05/2019 6:18:52 a.m.	Salwan Hormes
142	Reefer	Dispatched	Commands	Dispatched to ingeniserver .	29/05/2019 6:26:59 a.m.	Salwan Hormes
143	Reefer	Processing	clear alarms	Processing command	29/05/2019 6:30:23 a.m.	Salwan Hormes
144	Reefer	Failed	initiate defrost (zone: 1)	carrier unit is not responding.	29/05/2019 6:35:20 a.m.	Salwan Hormes
145	Reefer	Processing	change setpoint (zone: 1)change setpoint (s...	Processing command	29/05/2019 6:41:45 a.m.	Salwan Hormes
146	Reefer	Processing	clear alarms	Processing command	29/05/2019 7:13:29 a.m.	Salwan Hormes
147	Reefer	Processing	clear alarms	Processing command	29/05/2019 7:16:47 a.m.	Salwan Hormes
148	Reefer	Processing	clear alarms	Processing command	29/05/2019 8:56:23 p.m.	Salwan Hormes
149	Reefer	Processing	power on (zone: 1)	Processing command	30/05/2019 12:33:32 a.m.	Salwan Hormes
150	Reefer	Processing	initiate defrost (zone: 2)	Processing command	30/05/2019 12:37:57 a.m.	Salwan Hormes
151	Reefer	Processing	stepped setpoint (zone: 1)stepped setpoint (...	Processing command	30/05/2019 12:39:10 a.m.	Salwan Hormes
152	Reefer	Processing	power off (zone: 3)	Processing command	30/05/2019 12:42:12 a.m.	Salwan Hormes

Batch Commands

Support is provided to create, manage and schedule groups of commands.





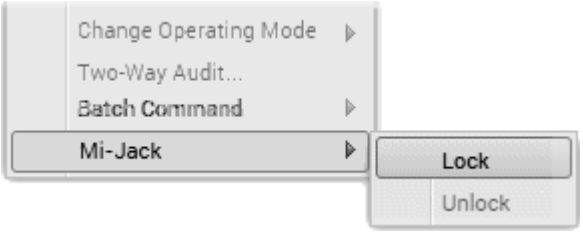
Support for Mi-Jack remote door locks

Reefers can be fitted with a Mi-Jack Power In-Lock® internal lock on the main reefer door. These locks can then be locked and unlocked via options in Reefer Manager. The intention is that the main reefer door is only unlocked and opened for limited recorded times by software control, to minimize temperature and stock losses.

Each reefer asset with an installed Mi-Jack serial lock will display an icon on the Reefer list entry:

shows that the Mi-Jack serial lock is currently locked on the reefer asset

shows that the Mi-Jack serial lock is currently unlocked on the reefer asset

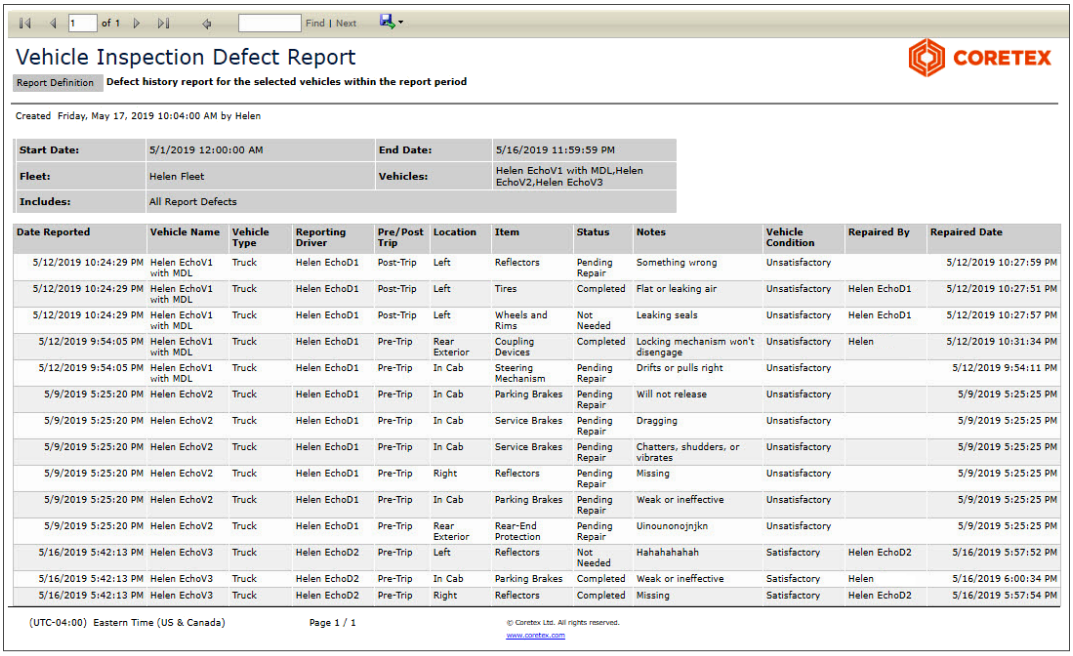


New reports available

The following new reports have been added to Reports Manager.

Vehicle Inspection Defect Report

Provides a summary list of Vehicle Inspection (or DVIR) defects over time on a selected vehicle.



1 of 1 Find | Next

Vehicle Inspection Defect Report

CORETEX

Report Definition Defect history report for the selected vehicles within the report period

Created Friday, May 17, 2019 10:04:00 AM by Helen

Start Date:	5/1/2019 12:00:00 AM	End Date:	5/16/2019 11:59:59 PM
Fleet:	Helen Fleet	Vehicles:	Helen EchoV1 with MDL,Helen EchoV2,Helen EchoV3
Includes:	All Report Defects		

Date Reported	Vehicle Name	Vehicle Type	Reporting Driver	Pre/Post Trip	Location	Item	Status	Notes	Vehicle Condition	Repaired By	Repaired Date
5/12/2019 10:24:29 PM	Helen EchoV1 with MDL	Truck	Helen EchoD1	Post-Trip	Left	Reflectors	Pending Repair	Something wrong	Unsatisfactory		5/12/2019 10:27:59 PM
5/12/2019 10:24:29 PM	Helen EchoV1 with MDL	Truck	Helen EchoD1	Post-Trip	Left	Tires	Completed	Flat or leaking air	Unsatisfactory	Helen EchoD1	5/12/2019 10:27:51 PM
5/12/2019 10:24:29 PM	Helen EchoV1 with MDL	Truck	Helen EchoD1	Post-Trip	Left	Wheels and Rims	Not Needed	Leaking seals	Unsatisfactory	Helen EchoD1	5/12/2019 10:27:57 PM
5/12/2019 9:54:05 PM	Helen EchoV1 with MDL	Truck	Helen EchoD1	Pre-Trip	Rear Exterior	Coupling Devices	Completed	Locking mechanism won't disengage	Unsatisfactory	Helen	5/12/2019 10:31:34 PM
5/12/2019 9:54:05 PM	Helen EchoV1 with MDL	Truck	Helen EchoD1	Pre-Trip	In Cab	Steering Mechanism	Pending Repair	Drifts or pulls right	Unsatisfactory		5/12/2019 9:54:11 PM
5/9/2019 5:25:20 PM	Helen EchoV2	Truck	Helen EchoD1	Pre-Trip	In Cab	Parking Brakes	Pending Repair	Will not release	Unsatisfactory		5/9/2019 5:25:25 PM
5/9/2019 5:25:20 PM	Helen EchoV2	Truck	Helen EchoD1	Pre-Trip	In Cab	Service Brakes	Pending Repair	Dragging	Unsatisfactory		5/9/2019 5:25:25 PM
5/9/2019 5:25:20 PM	Helen EchoV2	Truck	Helen EchoD1	Pre-Trip	In Cab	Service Brakes	Pending Repair	Chatters, shudders, or vibrates	Unsatisfactory		5/9/2019 5:25:25 PM
5/9/2019 5:25:20 PM	Helen EchoV2	Truck	Helen EchoD1	Pre-Trip	Right	Reflectors	Pending Repair	Missing	Unsatisfactory		5/9/2019 5:25:25 PM
5/9/2019 5:25:20 PM	Helen EchoV2	Truck	Helen EchoD1	Pre-Trip	In Cab	Parking Brakes	Pending Repair	Weak or ineffective	Unsatisfactory		5/9/2019 5:25:25 PM
5/9/2019 5:25:20 PM	Helen EchoV2	Truck	Helen EchoD1	Pre-Trip	Rear Exterior	Rear-End Protection	Pending Repair	Uinounonojnjkn	Unsatisfactory		5/9/2019 5:25:25 PM
5/16/2019 5:42:13 PM	Helen EchoV3	Truck	Helen EchoD2	Pre-Trip	Left	Reflectors	Not Needed	Hahahahahah	Satisfactory	Helen EchoD2	5/16/2019 5:57:52 PM
5/16/2019 5:42:13 PM	Helen EchoV3	Truck	Helen EchoD2	Pre-Trip	In Cab	Parking Brakes	Completed	Weak or ineffective	Satisfactory	Helen	5/16/2019 6:00:34 PM
5/16/2019 5:42:13 PM	Helen EchoV3	Truck	Helen EchoD2	Pre-Trip	Right	Reflectors	Completed	Missing	Satisfactory	Helen EchoD2	5/16/2019 5:57:54 PM

(UTC-04:00) Eastern Time (US & Canada) Page 1 / 1

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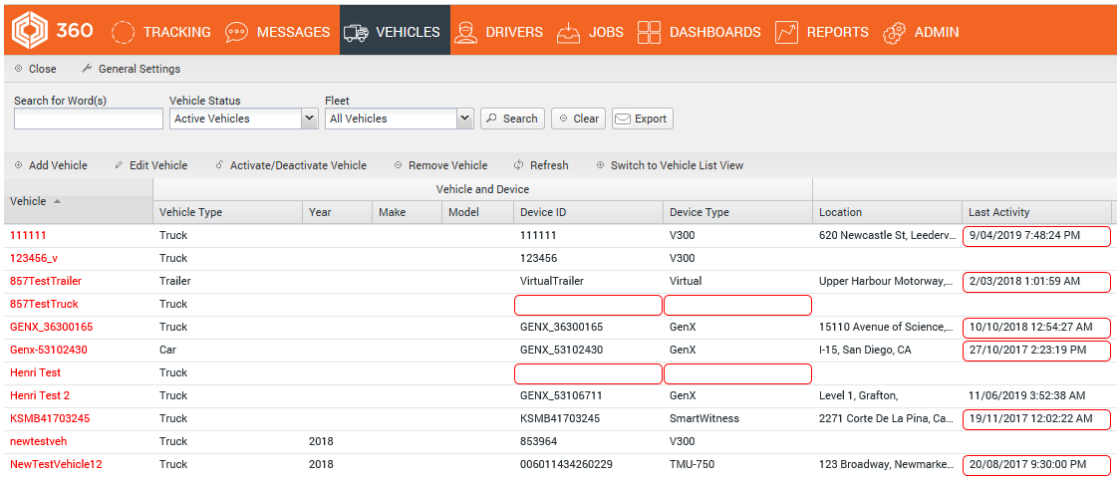
Vehicle and Driver Health Views

Vehicle and Driver Health Views are available from the respective Vehicle/Driver Manager screen. When health view is selected, the screen changes to a diagnostic view which shows vehicles/drivers with potential issues highlighted.



360 TRACKING MESSAGES VEHICLES DRIVERS JOBS DASHBOARDS REPORTS ADMIN

Close General Settings

Search for Word(s) | Vehicle Status: Active Vehicles | Fleet: All Vehicles | Search | Clear | Export

Add Vehicle | Edit Vehicle | Activate/Deactivate Vehicle | Remove Vehicle | Refresh | Switch to Vehicle List View

Vehicle	Vehicle and Device							
	Vehicle Type	Year	Make	Model	Device ID	Device Type	Location	Last Activity
111111	Truck				111111	V300	620 Newcastle St, Leederv...	9/04/2019 7:48:24 PM
123456_v	Truck				123456	V300		
857TestTrailer	Trailer				VirtualTrailer	Virtual	Upper Harbour Motorway,...	2/03/2018 1:01:59 AM
857TestTruck	Truck							
GENX_36300165	Truck				GENX_36300165	GenX	15110 Avenue of Science,...	10/10/2018 12:54:27 AM
Genx-53102430	Car				GENX_53102430	GenX	I-15, San Diego, CA	27/10/2017 2:23:19 PM
Henri Test	Truck							
Henri Test 2	Truck				GENX_53106711	GenX	Level 1, Grafton,	11/06/2019 3:52:38 AM
KSMB41703245	Truck				KSMB41703245	SmartWitness	2271 Corte De La Pina, Ca...	19/11/2017 12:02:22 AM
newtestveh	Truck	2018			853964	V300		
NewTestVehicle12	Truck	2018			006011434260229	TMU-750	123 Broadway, Newmarke...	20/08/2017 9:30:00 PM

Note: Driver Health view only applies to ELD enabled companies currently.

Additional security permissions for Entity managers

New permisions for editing, viewing and alerting have been added to the entity managers (Vehicles, Drivers etc.) to provide more granular access control for users.

Support for unlisted trailers

The ELD manadate requires that all trailers connected to a tractor be included in a Drivers Log. In many cases trailers are either 3rd party trailers or not defined (listed) within the Coretex 360 system. Drivers now have the ability to record details about any trailer that has been used and this information is included as part of the Drivers Log.

ELD – Selective editing capability for In-Motion Statuses

You can now edit Driver Log entries that are in “in motion” statuses (Driving, Yard Move, Personal Conveyance) and change their status and the time span they cover (in accordance with FMCSA requirements).

Log entries with Event Type: Driving and Origin: Auto-(i.e. auto-driving events) cannot have their timespan shortened, but are now able to be changed to a status of On Duty (Yard Moves) or Off Duty (Personal Conveyance).

Dashboards

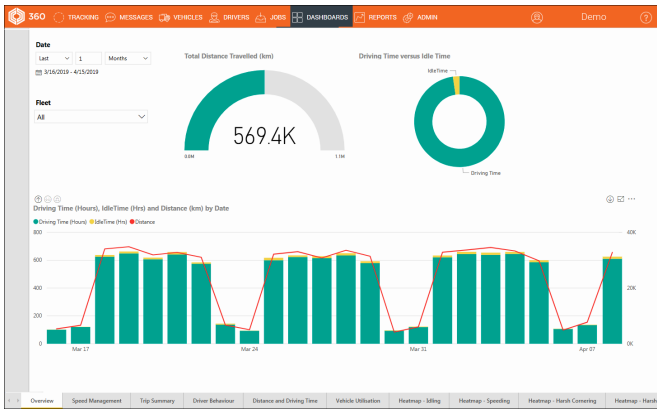
Summary Dashboard

Presents a dashboard where a number of tabs are available with graphs and statistics on useful metrics (e.g. Driving time, Idle Time and Distance by Date etc.).

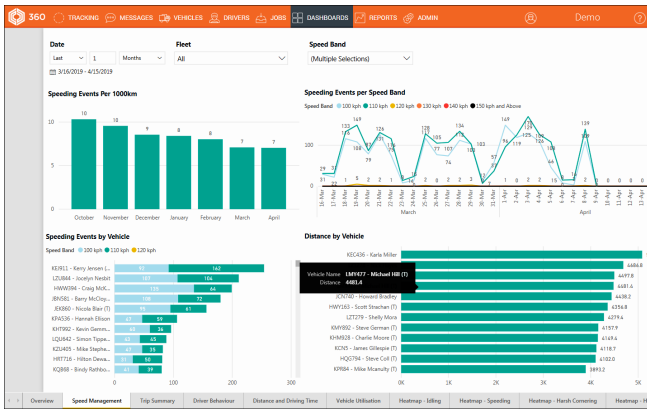
Ten tabs of statistics/graphs are available:

- Overview
- Speed Management
- Trip Summary
- Driver Behaviour
- Distance and Driving Time
- Vehicle Utilisation
- Heatmap – Idling
- Heatmap – Speeding
- Heatmap – Harsh Cornering
- Heatmap – Harsh Breaking

OVERVIEW



SPEED MANAGEMENT



Construction Dashboard

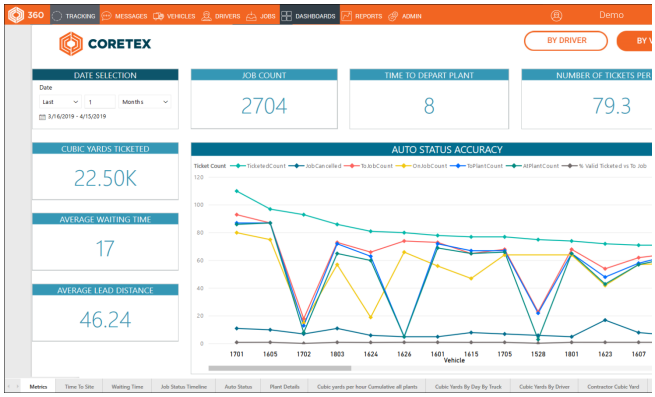
Presents a dashboard where a number of tabs are available with graphs and statistics on useful jobs related metrics, specifically designed for the Construction vertical. View data like job counts by status, average round temperature time, how long each trip takes, how long did vehicles wait on site etc. Defaults to present by vehicle but can be switched to display by driver (selecting BY DRIVER).

Jobs data is updated from a live Coretex 360 database with a scheduled data upload job, hence use of the Construction dashboard has no impact on the performance of the live database.

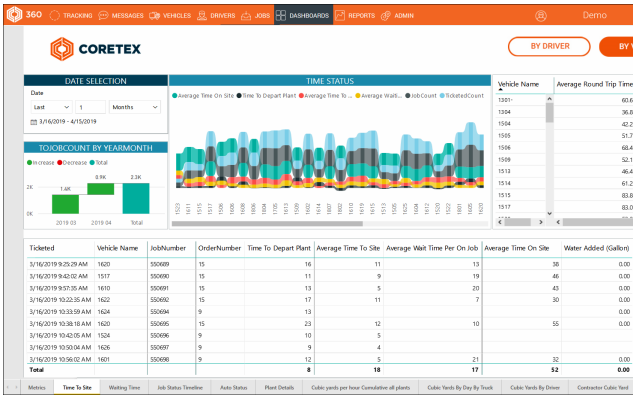
Eleven tabs of statistics/graphs are available:

- Metrics
- Time to Site
- Waiting Time
- Job Status Timeline
- Autostatus
- Contractor Statistics
- Plant Details
- Volume/Hour – all plants
- Volume/Day/Truck
- Volume/Driver
- Contractor Cubic Volume

METRICS



TIME TO SITE



- Dashboards may incur additional cost
- Please contact your account manager to have dashboards enabled

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