

vMax 5.20 was released on July 8th, 2018. This version introduces important new features and many other relevant improvements.

## NEW FEATURES

### General Features

#### User Interface and Maps:

The vMax Suite displays a renovated User Interface and migrates to ESRI maps to offer a better user experience.

In this new version, Search results in vMax Live and Commander, which include Vehicle IDs and colored arrows representing their Routes, are disclosed within a window that appears on the left of the map.

**History View**

Vehicle	Driver	Direction	Speed (kph)	Lat/Long	Event Type	Value	Date/Time	Actions	Route
BUS 10	005	North(0.0)	64	49.270466, -122.79864	Max Speed	64	05/14/2018 11:12:00		Route James AM
BUS 11	006	North(0.0)	65	49.27095, -122.79862	Max Speed	65	05/14/2018 11:06:00		Test Route AM
BUS 12	004	North(0.0)	76	49.270645, -122.79861	Max Speed	76	05/14/2018 11:17:00		Test3
BUS 16	001	North(0.0)	64	49.270466, -122.79864	Max Speed	64	05/14/2018 11:12:00		TEST AM 16
BUS 18	003	North(0.0)	65	49.27095, -122.79862	Max Speed	65	05/14/2018 11:06:00		CQT_IN_B18

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## Vehicle Types:

New Vehicle Types with their respective icons have been added. These include Armored Truck, Fire Truck, Train and Crane.



## vMax Commander

### vMax Commander 5.20 Adds Support for:

- TH4c and TH8 video recorders.
- DS2 telemetry and events.
- TH4/DS1
- TH6/DS1.



## vMax Live

### Changes in Dispatch Functionality:

Dispatch functionality has been redesigned and assigning Driver and Vehicle tasks are now performed through the Route menu.

**Route**

Route ID: CQT\_IN\_B10

\* Route Type: InBound

Maximum Load:

Day Of Week: ☒ Mo ☐ Tu ☒ We ☒ Th ☐ Fr ☐ Sa ☐ Su

\* Start Time (hh:mm): 08:00

\* End Time (hh:mm): 08:06

Route Duration Loaded Min (hh:mm):

Route Duration Total Min (hh:mm): 00:06

Route Distance Loaded:

Route Distance Total: 1

Vehicle:

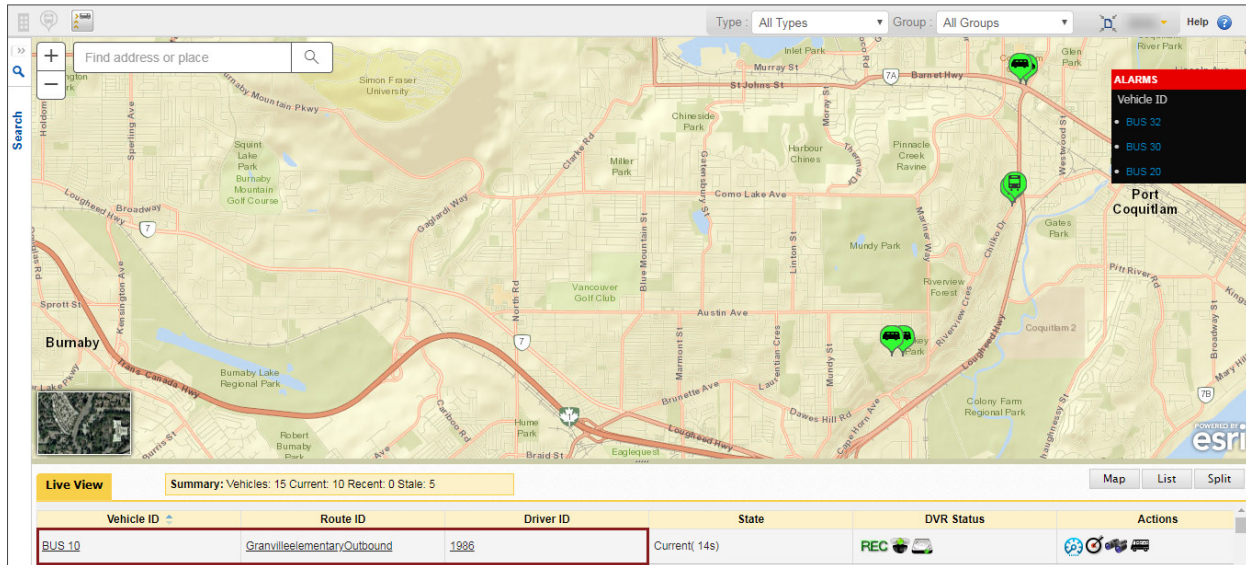
Driver:

Save

Cancel

## Display of Current Vehicle Route:

When Drivers follow assigned Routes, the system automatically reads AVL data registered by the Vehicle and displays the actual Route information (Vehicle, Route and Driver IDs) in the dashboard.



## vMax Stream

### Audio Support:

The application adds audio support for TH video recorders. This can be selected next to each camera view button.



## IMPROVEMENTS

### **vMax Commander:**

- Users with Dashboard credentials view HD Unlock in the Health Details section whenever a video recorder HD is requiring attention.
- The system stores special HD events.
- When accessing Out of Service under the Actions column, users with permission can enter Notes in the corresponding pop-up window.

### **Device Message Processor (DMP) Improvements:**

- Smart Stop Support system keeps the video recorder powered until all scheduled tasks are executed when a Vehicle returns to a yard. If no tasks are pending, the DVR will shutdown.
- Sends status updates and resumes Video Downloads.
- When accessing the DVR Status list, users view existing records sorted by DVR Title by default.
- Users logged into DMP application view the Version Number on the upper-right corner.

### **Seon Path:**

- The system allows multiple Routes assigned to the same Driver as long as the time frame doesn't overlap.
- The Facilities menu has been improved.
- Users can add Vehicle and Driver within the Routes menu for Dispatch when adding or editing a Route.
- As part of Path Audit, Log Reports now reflect Route Events (create, modify and delete), Student Events (create, update and delete), vMax Route Application Access, Login Status and Logout.

### **vMax Stream:**

- The application performance has improved by reducing the latency of video streaming.

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