

INFOBITE



- > Simple and reliable
- > No recurring usage fee
- > Works on any type of vehicle
- > Salt management with ACE controllers
- > Detailed management reports

The **INFOBITE™** system records the routes and activities performed by road maintenance vehicles to easily produce activity reports on demand.



PROTECTION FOR YOUR MUNICIPALITY AND STAFF

INFOBITE™ is affordable and easily deployed by road authorities big and small. Its functionality is adapted specifically for road maintenance operations and using it does not require advanced computer skills.

With NO MONTHLY FEE, **INFOBITE™** keeps the cost of maintaining valuable road and fleet information to a minimum. Information is collected from one or multiple locations using a single computer.

As many users as you wish can be set up to use **INFOBITE™** at no extra cost to generate their own reports on their own computers.

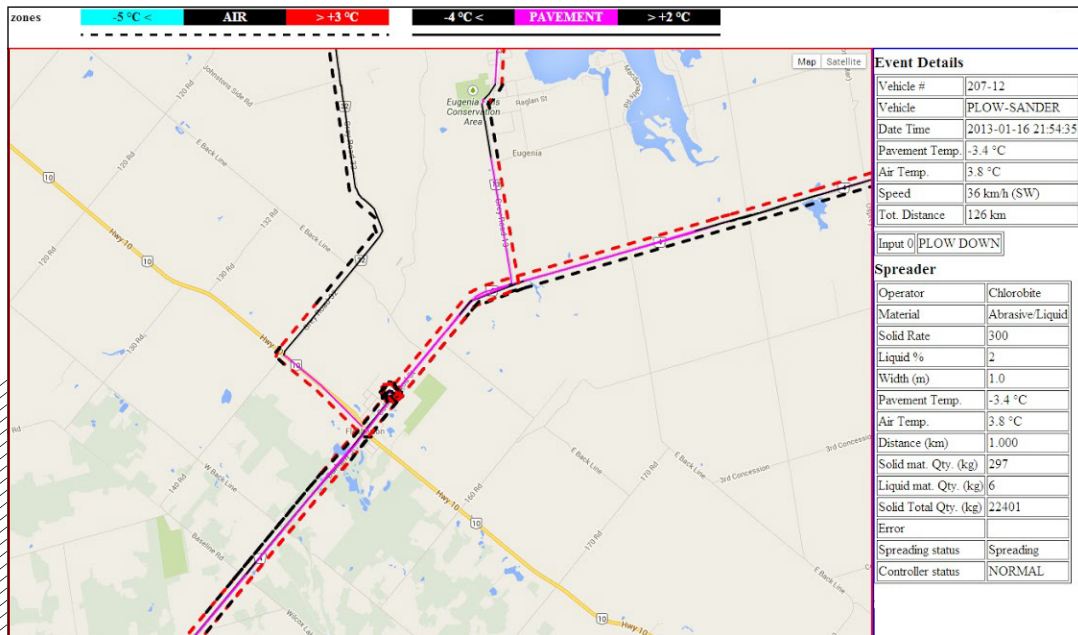
INFOBITE™ minimizes your liability and improves your ability to supervise operations by collecting and reporting information that is easy to review:

Routes — Plowing — Material spreading





The integration on patrol vehicles of RoadWatch* pavement and air temperature probes lets you highlight road conditions and better understand dynamic changes throughout your network.



ONGOING SUPPORT

INFOBITE™ support is provided by ACE's team of knowledgeable road operation support specialists. Timely training and assistance is provided on-site and through remote computer access.

FUTURE PROOFING SOFTWARE UPDATES

To safeguard the long-term value of your GPS system and to get the benefits of new functionality being added to the application on an ongoing basis, support and software feature updates are provided through an inexpensive annual maintenance program.

INFOBITE™: the common sense GPS solution for road authorities



Description

GPS recording of routes, plowing and material spreading activities

- Simple in-cab installation
- Automated data collection (without user intervention)
- Private wireless network (no communication fee)
- Data collection through multiple sites
- Report software with mapping
- Centralized management of fleet vehicles
- Secure remote access over the internet
- Custom integration with 3rd party software

Summary Report
From Sat. January 01 2011 00:00 To Sat. April 30 2011 23:59

Summary Report: 22964 Lines
Start Date Time: 2011-01-01 01:01:37
End Date Time: 2011-02-28 04:07:14
Vehicle#: 4S-234,4S-188,4S-276,4S-234,4S-309

Materials Spread	Kg	Km	Average	Kg/Blot	Km/Blot	Blot Average
Salt	22532	58.2	387	271	0.6	429
Abrasive	116866	292.2	402	4919	1.6	2175
Material A	9851	22.4	440	1573	0.7	2302
Material B	38129	92.4	457	6126	3.8	
Liquid	0	0.0	0	0.0	0.0	
Total Salt:	22803					
Total Abrasive:	120895					

Others Distances

Gate Sensor On:	0.0
Spreading Solid Material:	462.2
Controller Paused:	1670.0
Controller Off:	119.1
Others:	2.3
Grand Total:	2253.7

Error Events

Overspeed:	9
Conveyor Maxed-Out:	327
Conveyor Blocked:	29
Conveyor Breakdown:	119
Liquid Maxed-Out:	0
Liquid Blocked:	0
Invalid data:	0

Event Details

Vehicle #	4S-234
Vehicle	Nouveau
Date Time	2011-01-19 04:46:46
Event	Chlorobite
Speed	22 km/h (E)
Tot. Distance	76.5 km

Spreader

Operator	Chlorobite
Material	Abrasive
Solid Rate	275
Liquid %	
Width (m)	3.0
Surface (°C)	
Air (°C)	
Distance (km)	0.104
Solid mat. Qty. (kg)	34
Liquid mat. Qty. (kg)	
Solid Total Qty. (kg)	3913
Error	
Spreading status	Spreading
Controller status	NORMAL

FEATURES

- Automatic data transfers
- Server installation
- Unlimited number of vehicles
- Basic pre-defined reports
- Configuration management of individual vehicles
- Unlimited number of users with individual access control
- Pre-defined mapping reports
- Color-coded events to simplify visualisation
- Four configurable digital inputs

TECHNICAL SPECIFICATIONS

WEIGHT

570 g. (1 lb, 4 oz)

ELECTRICAL

OPERATING TEMPERATURE

STORAGE TEMPERATURE

DIMENSIONS (W x H x L)

153 x 85 x 50 mm. (6" x 3,25" x 2")

10 to 28 VDC 100mA max.

Load Dump Protection :
(Max 70 VDC, < 100 ms at 1% service)

-40°C to +70°C (-40°F to +167°F)

-40°C to +105°C (-40°F to +221°F)

DATA INTERFACE

INPUTS

Serial RS-232 (DB9 3 pin)

4 (signal to ground)

ACE

Take control

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PHYSICAL

INPUTS/
OUTPUTS