

# v-BOX

## GSE Driver Identification & Control

.....improve ramp safety.....eliminate unauthorised usage.....reduce fuel bills.....reduce maintenance costs.....

**v-BOX** is a stand-alone device that provides a secure method of access control for GSE and other equipment with an on-board power source.

### v-BOX :

- stops unauthorised vehicle use
- measures and stores equipment usage data
- improves safety on the ramp
- records collision events

Simple to fit, **v-BOX** does not require any wireless communication technology and is therefore available without any ongoing monthly licence or subscription fees. If you want to retrieve data, manual downloads can be made easily using the special data key provided with the system.



Each driver is issued with an electronic key, programmed with a unique employee identification number and the categories of vehicle they are allowed to drive – when they want to operate equipment, they simply present their key to the on-board reader and, if they are authorised to drive that particular type of equipment, the vehicle will start.

	A	B	C	D	E	F
1	Vehicle ID	Driver ID	Event Number	N/A	Day/Month/Year	Time
2	342	1234	0	0	30/03/2005	17:21:16
3	342	1234	1	0	30/03/2005	17:31:22
4	342	1234	0	0	02/04/2005	12:18:06
5	342	1234	1	0	02/04/2005	12:19:18
6	342	50000	0	0	02/04/2005	12:20:14
7	342	1234	0	0	02/04/2005	12:19:50
8	342	1234	1	0	02/04/2005	12:11:06
9	342	40001	0	0	02/04/2005	12:11:08
10	342	1234	0	0	30/04/2005	17:49:04
11	342	1234	1	0	30/04/2005	17:49:08
12	342	1234	52	0	30/04/2005	17:50:12
13	342	1234	0	0	30/04/2005	17:50:56
14	342	1234	1	0	30/04/2005	17:51:14
15	342	40001	0	0	30/04/2005	17:51:20
16	342	1234	0	0	30/04/2005	17:56:42
17	342	1234	1	0	30/04/2005	17:56:46
18	342	4521	64	0	02/05/2005	08:46:26
19	342	40001	0	0	02/05/2005	09:21:18

All data can be downloaded directly to standard spreadsheet applications, so there is no need to train staff on new software.

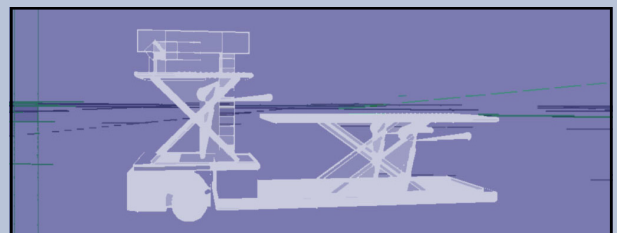
As soon as the data key is connected to your PC all information is automatically downloaded, showing the time and date alongside the driver's unique identification number and each time a driver has logged on or off a vehicle, along with any collision events.

.....improved environmental performance.....increased employee accountability.....lower damage repair costs.....

Your **v-BOX** data can be analysed using standard techniques, giving you a clear view of driver activity, or providing usage information to allow you to assess your fleet utilisation and improve your maintenance planning.

### Features

- Driver access control using "iButton/Dallas key" technology
- Simple to install on any vehicle with an on-board power source
- Input voltage range 12 to 80V
- Programmable with up to 80 vehicle categories
- No limit to number of drivers
- Optional collision sensor with "low" and "high" trigger thresholds (2, 5 or 10g)
- Optional beacon to provide visual indication after a collision event
- No ongoing monthly fees or communication costs
- Access control system compatible with **VTIS v-LOCK** (with iButton option)



### Benefits:

- Improve ramp safety
- Eliminate unauthorised usage
- Reduce fuel bills
- Reduced maintenance bills
- Environmental benefits through reduced fuel usage
- Increased employee accountability
- Facilitate equipment pooling operations
- Reduce damage repair costs
- Low set-up and running costs