



## Crawford Monitoring System – Security pack

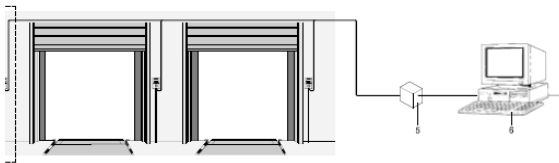
### How can you improve active security at your facility?

Closing and locking doors is an obvious answer, but checking this manually is time consuming in a busy facility. With a Crawford Monitoring System you can automatically ensure that all doors are closed and locked when they need to be.

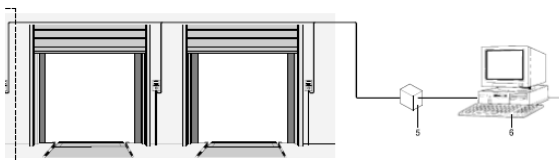
You can also remotely activate all doors and locks, and get a real-time overview of the security status. All bays can be connected to the Monitoring System's server giving you the opportunity to supervise, monitor and report on a wide variety of aspects in your facility. Your facility is more secure and you can prove it.

### How does it work?

#### 1. Each bay is connected via a serial bus cable to a computer



Crawford products with i-supervision or 950 docking control units can be connected directly to the server via a connection box.

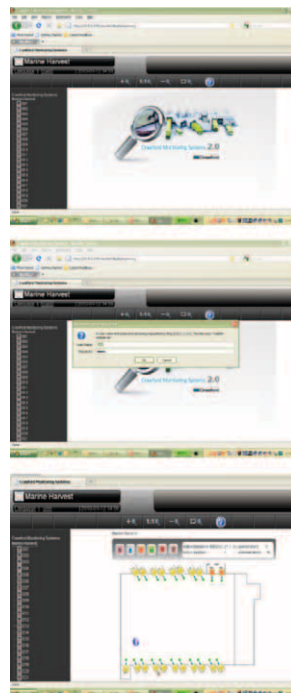


Products with other control boxes are connected via a D2G communication unit.

#### 2. Sensor to detect the door position and lock status is connected to the control units

The doors can also be equipped with electrical locks and different access options (e.g. Card reader, Code, RFID Gate).

#### 3. On the computer we install a web based server software that will monitor and control the activity at the bay

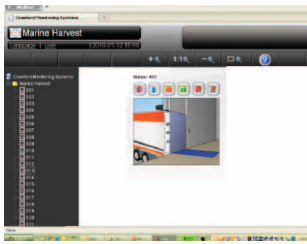


The server can be connected to Intranet or Internet. The software can also be installed, if required on a virtual server.

The access of the site is protected by a login with username and password giving the possibility to have users with different access rights.

The user has an overall view of the facility, giving him real time, the security status. With the detailed view, the user has control on the activity at the door. He knows what door is open or closed, locked and unlocked.

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The system can also be upgraded with:

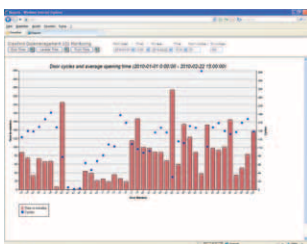
- A function to remote steer the locks
- The remote opening & closing of the door function
- An interlocking function so that the opening of the door is not possible if no truck is at the bay
- An over ruling function to open the door even if no truck is at the bay
- A function to know the dock leveller position and avoid an opening between a closed door and a leveller in low position.

## 4. Integration of Camera view



The system can be easily upgraded and we can also deliver and integrate live camera view on the activity.

## 5. Activity Reports



As we monitor all activities at the bay we can generate statistical report on the usage of the facility e.g: average time the door is opened, average time dock at the bay. The reports are available in Microsoft excel format.

## 6. Requirements

### Processor

Min Pentium D 3 GHz.

### RAM

Min 1 GB.

### Hard disk

10 GB of free space.

(the logging will require 5-30MB/Month).

### Printer

Microsoft Windows compatible.

### Interface

To connect the our BUS-system a free RS232 or USB interface should be provided.

### Software requirements

Windows 2000, Windows XP Professional, Windows 2000 Server, Windows 2003 Server R1 and R2, Windows 2008 Server, including Microsoft .NET 1.1.

## 8. Cable specification UNITRONIC® BUS PA

Transmission technology RS 485

Fine-wire strand of plain copper wires, cores twisted to pairs screening braid of copper wires

Temperature range: permanently mounted –30°C to +60°C

Conductor resistance: max. 44 Ohm/km

Characteristic Impedance: (loop) 100 +/- 20 Ohm

Pairs/cores and diameter in mm: 1 x 2 x 1,0 Ø

## Crawford can do much more

Our people are experts in giving you the right advice to increase your facilities security.

## About Crawford

Using our global expertise combined with local sales, service and support, Crawford delivers door and docking solutions that ensure trouble-free operation around the clock. That's why more than a million customers have chosen Crawford as their preferred solution provider.

[www.crawfordsolutions.com](http://www.crawfordsolutions.com)

 **Crawford**  
Solutions that work