



Tagtough Starter Kit

Instructions manual for the Tagtough Starter Kit

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your local supplier:



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What's in the kit

1 x Tagtough baton

Weight : 450 g
Dimensions : 188 x 32 x 32 mm
Battery : Alkaline battery 4-8 years battery life.
Construction : Medical grade stainless steel casing, Made in South Africa.
Certification : IP69K
MS – XPL/18.1262
Ex ia I/IIC T4 Ma Ga



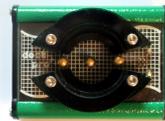
1 x branded pouch

Weight : 28 g
Dimensions : 200 x 45 x 50 mm
Construction : Durable hand sewn canvas, Made in South Africa.



1 x Doc Pro uploader with cable

Weight : 196 g
Dimensions : 90 x 63 x 50 mm
Construction : Extruded aluminium casing, Made in South Africa.



10 x ID points with holder

Weight : 12 g
Dimensions : 49 x 49 x 5 mm
Construction : Nylon and stainless steel, assembled in South Africa.
Certification : IP68



2 x ID point with FOB tag

Weight : 4 g
Dimensions : 19 x 53 mm
Construction : ABS and stainless steel, assembled in South Africa.
Certification : IP68



Software download and installation

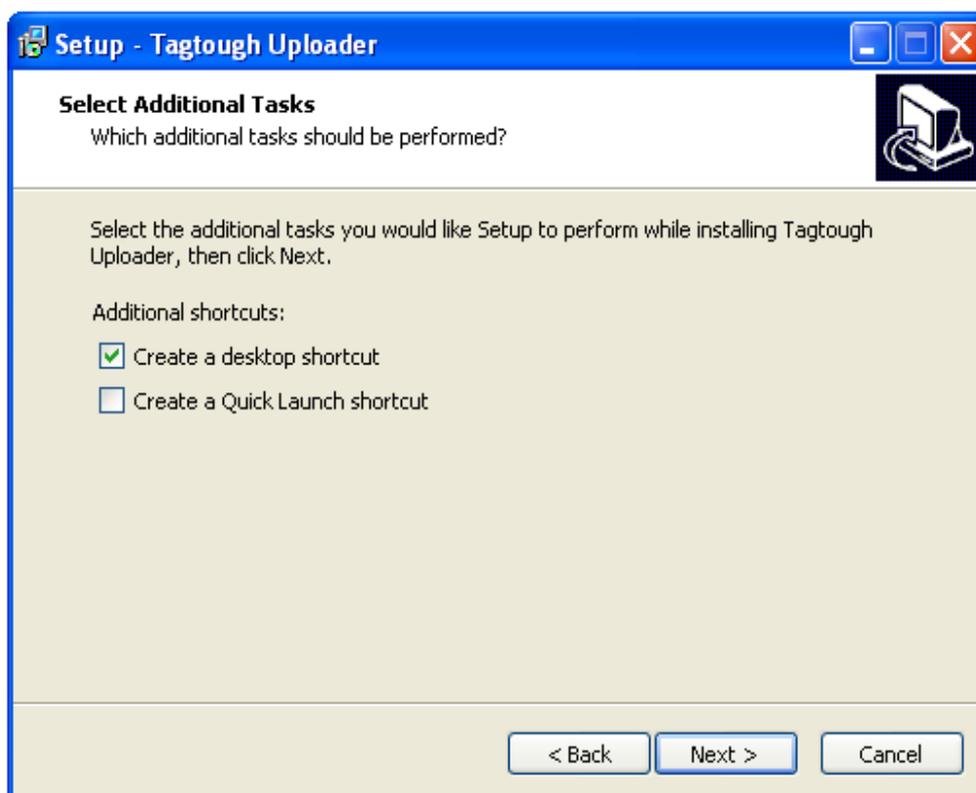
Visit our website www.tagtough.co.za and click on the downloads link.



On the downloads page you will see a link to download the software.



After downloading the software run the install file and follow the installation wizard prompts.



Read and follow the instructions.

Connecting the Doc Pro uploader

Connect the Doc Pro uploader to your computer with the USB cable supplied.



The first time you connect, 'Found New Hardware' message should pop up on your computer screen.



Your computer might also show the message, 'installing device drivers software'.

Starting up your software

Double click on the shortcut icon to start the Tagtough Uploader program.



The first time you use the program, enter the name of your first site.



The program will start searching for the supplied USB cable. Then the Tagtough Uploader will indicate 'Looking for Tagtough' in the upload window.



You can now place the baton on the Dock Pro uploader and transfer the points for your site onto the system.

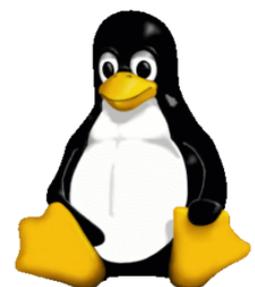


The downloaded report of the data contained in the Tagtough baton is displayed on your screen after it has finished downloading. Since the clock of the Tagtough baton is set from the clock on the computer during every data download, it is important to make sure that the computer clock is set correctly.

Linux installation

Go to Ubuntu software centre. (Click on 'applications' and then on 'ubuntu software centre')

Install wine if it has not been installed already. (We use version 1.3 for our installation)



Download the latest version of our software from www.tagtough.co.za

Double click on the file, it should be opened in wine. Follow the prompts. On one of the pages it asks to run the USB drivers. Do not have this block selected. You should not have to install the USB drivers as they will come with Linux and would have been installed automatically when you plugged the cable in.

Make sure the USB cable is not plugged in.

Open a terminal window (Ctrl+Alt+T).

Type the following in the window (CaSe is important),

```
ls /dev|grep USB
```

This might do nothing, if it does show anything, take note of what it shows.

Plug the USB cable in.

In the terminal type the following again,

```
ls /dev|grep USB
```

If you saw nothing before, you should see something now. If you did see something before, you will see a new line now. Take note of this line (In my case it was 'ttyUSB0')

In the terminal type the following

```
cd ~/.wine/dosdevices
```

```
ln -s /dev/ttyUSB0 com1
```

^ Substitute for what you had in the last step

In the terminal type the following,

```
whoami
```

```
sudo adduser fred dialout
```

^ Substitute for what you got from the whoami command

You should have a Tagtough icon on your desktop. Double click it, your program should run.

Clocking ID points

To clock an ID point, place the copper touch port of the baton squarely on the surface of the ID point. The LED will flash to show a successful clocking.



Loading ID points

If you are off site, mark the ID points on the back with a marker, in the sequence that they will be placed on site for patrolling, and clock the ID points with an empty Tagtough baton in this same sequence.

If you are on site, clock the ID points with an empty Tagtough baton in the same sequence that the guard will be doing the patrol. Write down each points location on a piece of paper in this sequence.

Transferring data from the baton to the computer

Open the Tagtough Uploader program on your computer.

Place the baton on the upload station and hold it firmly in place until a clocking report is displayed on the screen.

Date	Time	Location
2019/08/01	11:36	1 Unknown checkpoint
	11:36 00:00	2 Unknown checkpoint
	11:36 00:00	3 Unknown checkpoint
	11:36 00:00	4 Unknown checkpoint

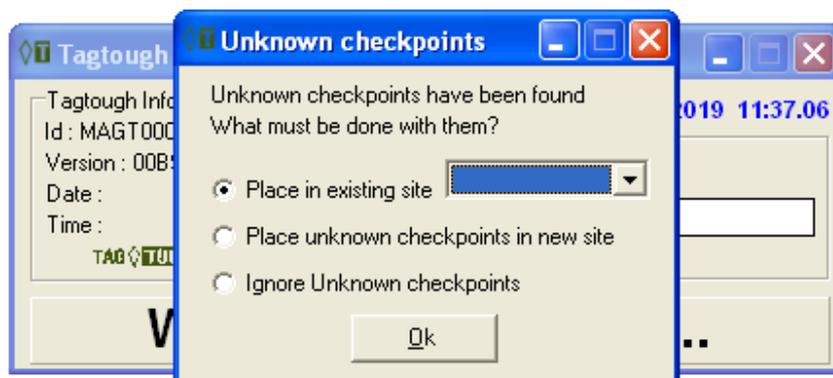
Frequency Report :

Frequency	Name
1	1 Unknown checkpoint
1	2 Unknown checkpoint
1	3 Unknown checkpoint
1	4 Unknown checkpoint

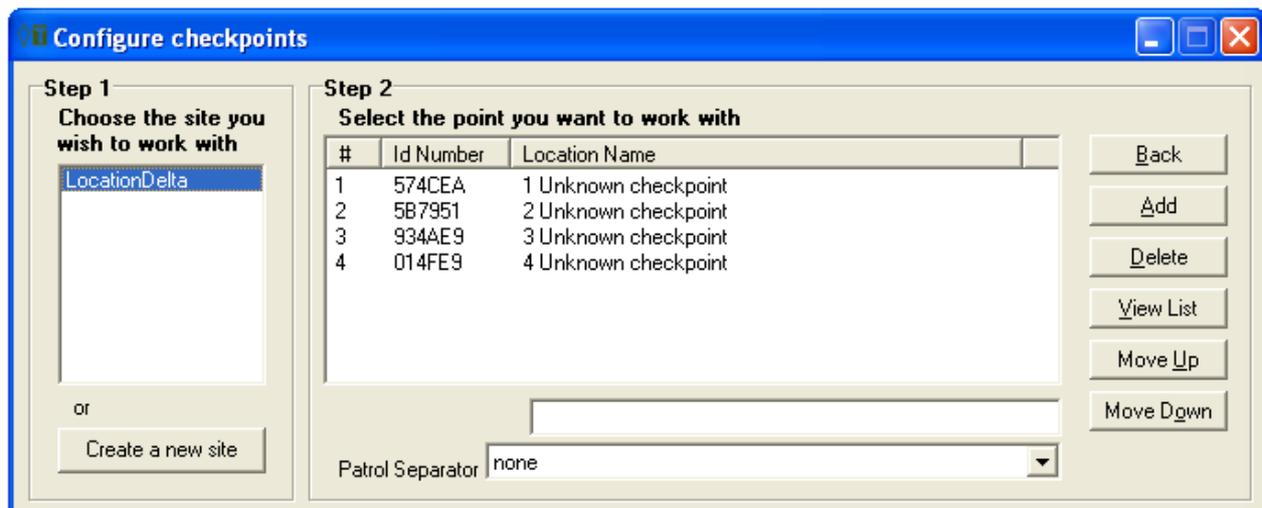
If the baton contains information for ID points not previously stored, a window will pop up with the following options:

- insert in existing site, choose this option if the site is already on your system
- insert in new site, choose this option if you need to add a new site,
- ignore unknown checkpoints, choose this option to ignore new point clocked

A checkpoint list will be created with the same sequence as that of the ID points clocked.



Renaming your check points



We recommend that check points be renamed to make reports easier to read.

Click the Check Point button on the Tagtough Uploader program.

Select the relevant site in the window under the Step 1 section.

A list of check points for the chosen site will show under Step 2.

If the check point has never been named, the description under 'Location Name' will show as unknown check point and be numbered in sequence from check point 1.

Click on the check point to be changed and amend the name by typing the new name in the text box below.

Continue in the same manner until all required changes have been made.

Hints and tips

Expanding on a simple site

With one starter kit, purchase extra batons for each additional patrol / zone and as many additional points as is needed on the site. There is no limit to the amount of points or batons you can use on a site.

High priority site with multiple routes

Purchase extra batons for each guard doing simultaneous routes. Then set up the system to distinguish between each route and use only 1 Dock Pro Uploader.

One unit for multiple sites

Use one upload station for multiple sites by separating the automated reports at the set up stage.

Avoid costly repairs

Check the lanyard keyring. This is the first sign that the baton is being abused and the cheapest repair. Log hand over of the baton in the OB book.

Time and attendance

A cost effect system. Each guard / supervisor has his own FOB tag. They can use this to identify themselves when starting or ending duty or when the supervisor visits each site. No need for each person to have their own baton.

Upgrade your site to online

No need to buy a new kit. Purchase only the Mag Express unit and use the same batons and points.

Trouble shooting

Problem	Solution
Can't find uploader	Check cable connection
	Ensure the program is only opened once
	Reinstall drivers by clicking on help and reinstall drivers
	Check if the cable is being detected by the computer
Unit Clocks Intermittently	Check guard is doing work correctly
Unknown points are on the report	Rename your points
Not Clocking	Check touch port for any foreign objects
	Clean touch port
	Clean/dry I.D. points
No report on download	Check download options(ignore 'checkpoint should not be checked', and download baton should be)
	Are the points being clocked properly?
	Is the baton communicating?
Point flashes twice or not at all	Faulty point