
ASSET TRACKING SOLUTION

An
Installation guide
On

“Asset tracking – Windows Application”

Product V1.0

Document V2.0, approved

May-2017

1. Introduction

1.1. Purpose

This document will guide you through the Windows mobile application of the asset-tracking product.

1.2. Document conversion

To open this document and be able to read it as it is designed, you will need Adobe reader/Acrobat V7.0, later versions, or even any compatible versions of PDF readers with the mentioned versions in order to avoid any conflict between the designed document and the delivered one. Get back to your consultant for any inquiries.

1.3. Intended Audiences and reading suggestions

This document is designed for its' intended audiences and limited to reading only with no further editing on it without the permission of the document owner. You may read this document by following the table of content and the document order as it is to acquire the best knowledge and information out of it.

This document is intended for internal basis team, internal support department, internal development department, internal consultants and the client's IT key users who will be responsible for further installation of the product after it being handed over.

1.4. Project scope

The asset-tracking product is an administrative web interface that is used to follow up on your assets performance, behavior and general condition. The Asset tracking solution allows the user full control and spontaneous information available at all times through the detail-oriented reports provided by the solution.

1.5. Document Copyrights

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1.6. References

For more details about the product, you can get back to your consultants. If you are reading this document for guidance only, you can use it solely without the need for any other document.

2. System overview

This solution has been tailored to monitor and track a Cigarette Ripping and Production cycle. The cycle includes three phases (Initial Identification, Receiving, and Consuming), three types of products (Rejected Cigarette, Ripper Shorts, and Cutter Fillers) and two machine types (Rippers, and feeders). Ripper Machines only accept Rejected cigarettes as an input type; Product Code (RC). Feeders Accept both Cutter Filler and Ripper Shorts (CF and RS).

- **Initial Identification**

The first phase is the Initial Identification; this phase is carried out on all three products. The identification step includes creating the asset identity and attaching a barcode (Tag) to it with the help of the Desktop Admin tool. The user chooses the appropriate Blend, Product, and Machine, and places the Asset on the scale to be automatically weighed and issues a unique barcode to be attached to the asset.

- **Receiving**

Rejected cigarettes are first received and stored in the ripping area after going through the Initial Identification process. Those are later consumed by a ripping machine according to a cycle plan set and maintained by the customer. The Receive process does not need any authentication and is not coordinated by a specific plan.

- **Consuming**

During the consumption process a validation cycle takes place to make sure that the transactions carried out match the cycle plan. The Cycle plan includes a specific blend, product, machine code, date, and shift. If the operator tries to carry out a transaction that does not abide any downloaded plan, he/she will be redirected to an authentication process to continue processing the transaction without it being planned.

The Product of the ripping process is called Ripper Shorts that are also received and stored to be later consumed in the cigarette production cycle after being Initially Identified.

The third product involved in the process is the cutter filler (pure raw material) which is also received and stored to be consumed later in the cigarette production line. The cigarette production line involves a mix of two products that include Ripper shorts and Cutter Filler which have been previously received.

These two products are consumed by a feeder machine that outputs the final cigarette product. The solution's main objective is to monitor the receive and consume transactions in order to keep track of the products and validate these processes against the cycle previously set and maintained.

3. Prerequisites

3.1. Operating system

This product will work on windows 7 with any architecture or any higher versions of windows.

3.2. Software prerequisites

As a system administrator, you need to have the following applications installed on any machine running the application:

- Microsoft .net framework version 4.5 and it is downloadable from this link:
<http://www.microsoft.com/en-us/download/details.aspx?id=30653>
- Microsoft .net framework version 3.5 and it is downloadable from this link:
<http://www.microsoft.com/en-us/download/details.aspx?id=21>

3.3. Available Devices

Any device that is able to run the prerequisites will be able to run the Asset-tracking application.

3.4. Connectivity

Internet connection is necessary for the application to run.

3.5. Hardware specifications

The machine should be able to achieve all the prerequisites normally.

4. Installation Steps

- Run the application setup icon. Figure 1.



Figure 1: Setup icon

- Click next in the first setup screen. Figure 2.

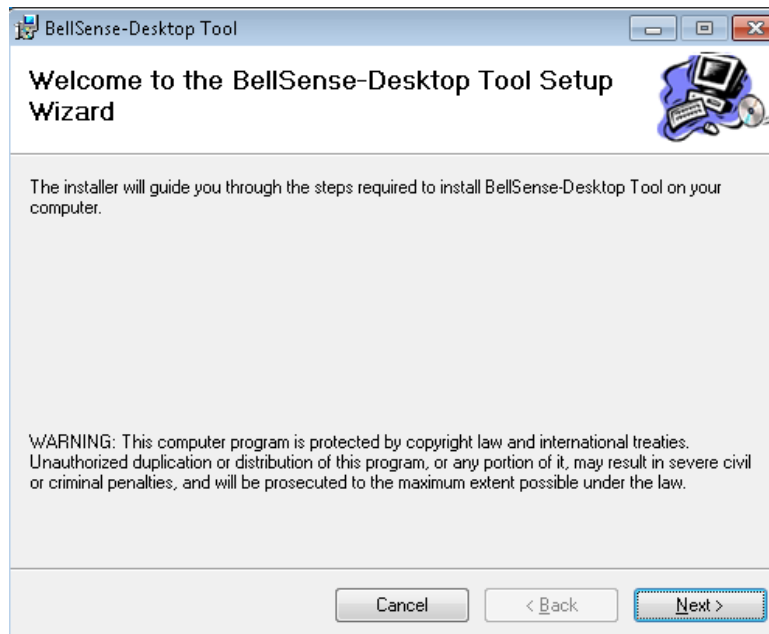


Figure 2: First setup screen, next button

- Choose the installation path and then click next. Figure 3.

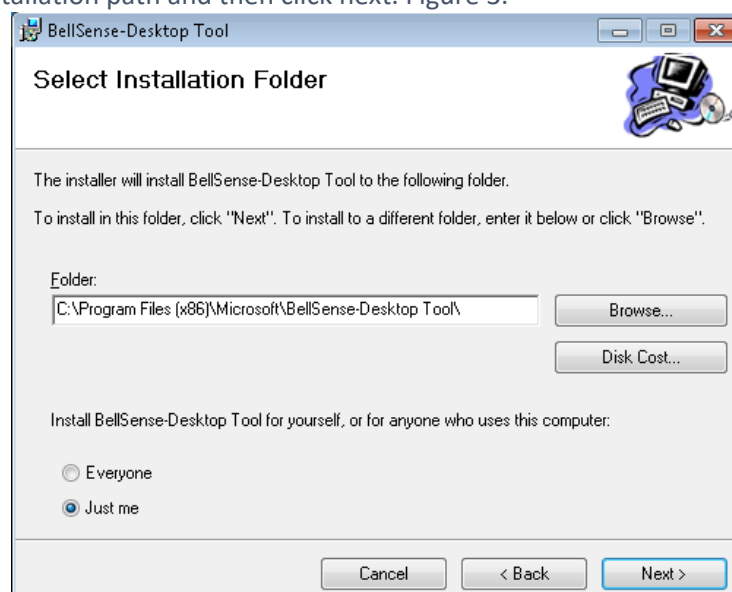


Figure 3: Second setup screen, path choosing and next button

- Click next in the below screen. Figure 4

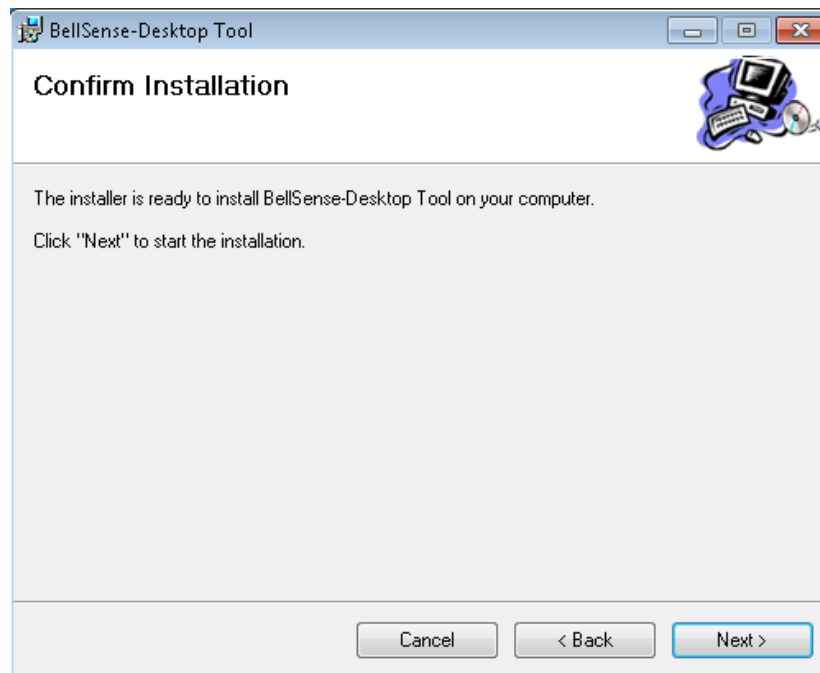


Figure 4: choices confirmation and next button

- Once the installation completes, you will see the below screen. Click close.

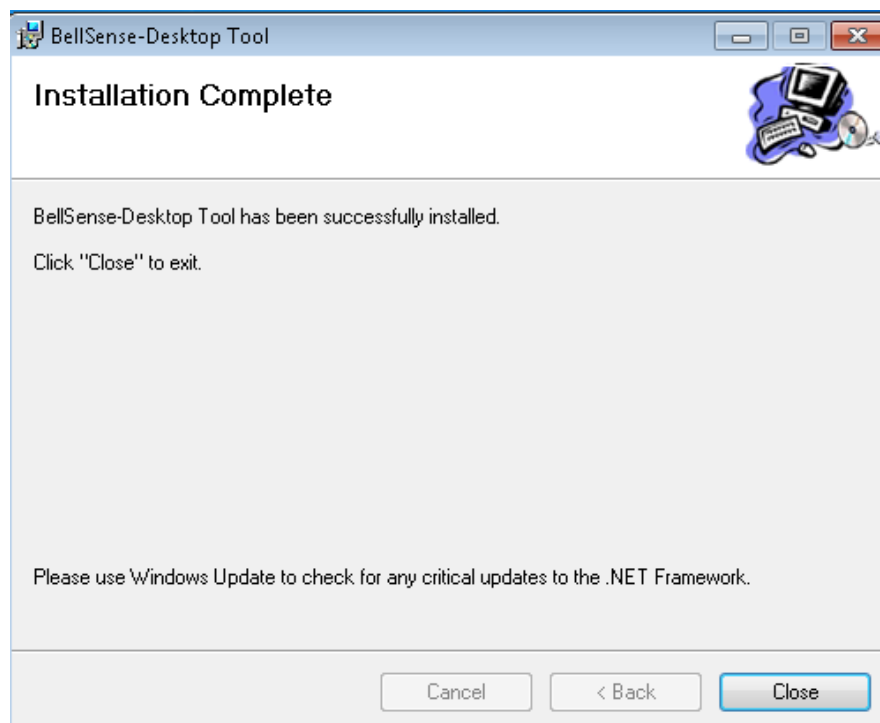


Figure 5: Installation completion screen