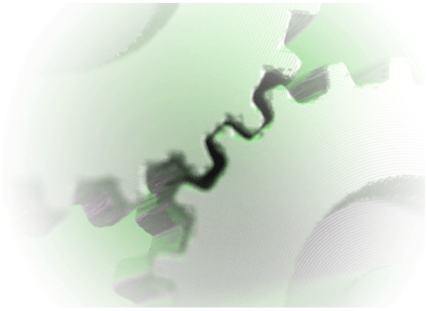


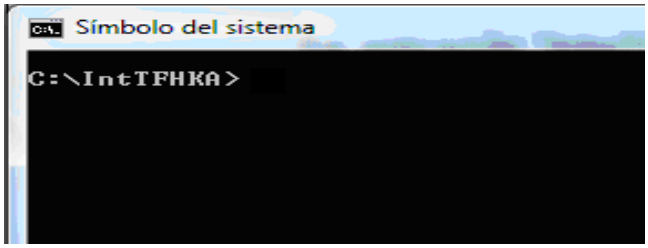
TABLE OF CONTENTS

1.- INSTALLATION OF THE APPLICATION ("IntTFHKA")

The "IntTFHKA" application is written in the programming language C++ and can be called through the Command Prompt directly, or from a secondary application- remote.

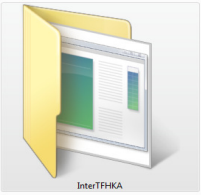
IntTFHKA is an application based on giving a solution to those applications which cannot make use of DLL (tfhkaif.dll), or the communication port directly.

A remote application could be any development that can access to the Command Prompt and/or consola of the system or a batch file with the extension *.bat.



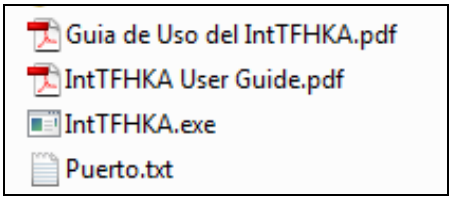
From this remote application, it's just a matter of writing in the Command Prompt of the system, and the application "IntTFHKA" would be in charge of the rest of the execution and interaction with the fiscal Printer.

This application is given inside a folder as you can see below:



And in which are the following files:

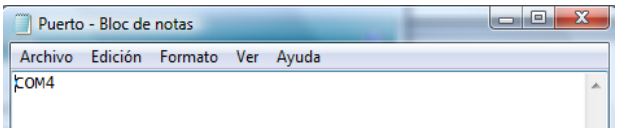
- ✓ “IntTFHKA” Application
- ✓ User Guide of the
- ✓ A file to set the Port



Inside of this folder the following files will be generated by the application:

- ✓ Status and Error file, “Stat_Err” file.
- ✓ (X, Z) Report File, “Reporte” file.
- ✓ Status (S1, S2, S3, S4, S5) File, “Status” file.

In file “Puerto”, it’s indicated the name of the communication port to be used with the Fiscal Printer. For example, “COM4”. You can edit this file and set the name of the port to be used.



The application is in charge of controlling the opening and closing of the communication port.

NOTE: The folder given must be copied at path "C:\"

2. – FUNCTIONS

Functions have a **Header** (Cabecera) and a **Command** argument, as shows below:

Cabecera(**Command**)

All the executions after calling the functions generate files type ".txt" automatically and they are put inside of the folder given, the remote application will be able to make use of such file for the control of its own application.

The structure to call the application directly from the Command Prompt is given by:

Complete Path of the application + Name of the application + **Cabecera**(**Command**)

Ex: C:\IntTFHKA\IntTFHKA **SendCmd(I0X)**

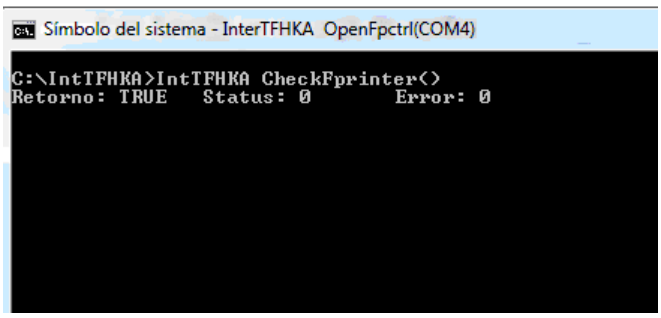
The description of the functions and Commands used, are explained in detail into the "**Commands Manual**"

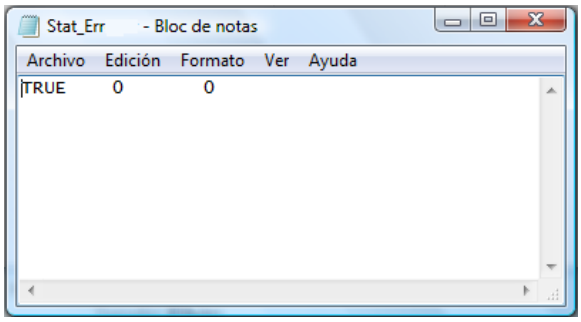
2.1.- CheckFprinter ( )

This function is in charge of verifying if the Printer is plugged in the communication port established previously. This function is called from the Command Prompt directly:

Example: C:\IntTFHKA\IntTFHKA **CheckFprinter( )**

Returns	If it is plugged in = **True** If it is unplugged = **False**





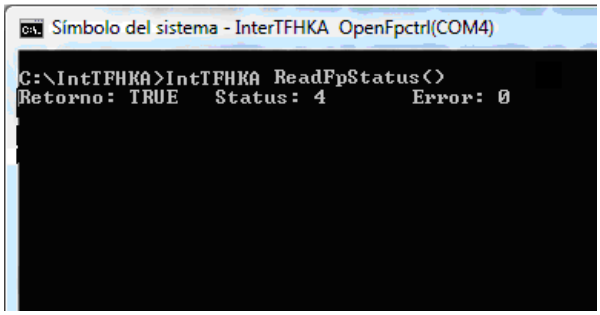
The execution of this function will create the file "Stat_Err" automatically, where will be the information written at the Command Prompt related to **Retorno (Return)**, **Status and Error** during the calling of this function.

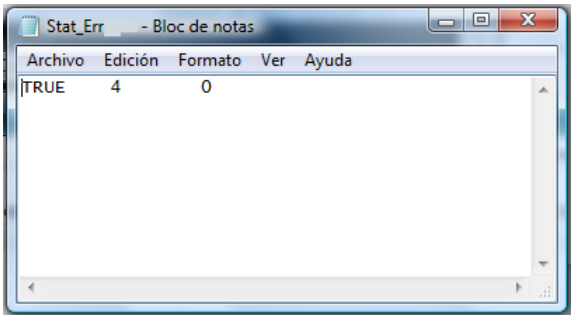
2.2.- ReadFpStatus ( )

This function is in charge of doing the Reading related to the information of Status & Error of the Fiscal Printer. This function is called from the Command Prompt directly:

Example: C:\IntTFHKA\IntTFHKA **ReadFpStatus( )**

Returns	Stand-by = **True** Error = **False**
Status → (See append 1) Error → (See append 2)	





The execution of this function will create the file "Stat_Err" automatically, where will be the information written in the Command Prompt related to **Return**, **Status and Error** during the calling of the function.

2.3.- SendCmd (Command)

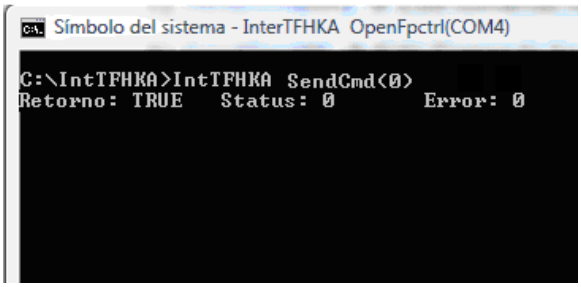
This function is in charge of executing a command in the fiscal printer. To build the

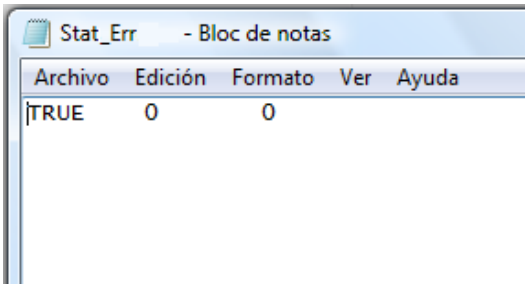
command, follow the settled into the "**Commands Manual**". This function is called from the Command Prompt directly:

Example: C:\IntTFHKA\IntTFHKA **SendCmd(I0X)** → This Command creates an X Report and prints a ticket.

Example: C:\IntTFHKA\IntTFHKA **SendCmd(0)** → This Command Opens the drawer and prints a ticket.

Returns	Stand-by = True Error = False





The execution of this function will create the file "Stat_Err" automatically, where will be the information written in the Command Prompt related to **Return**, **Status and Error** during the calling of the function.

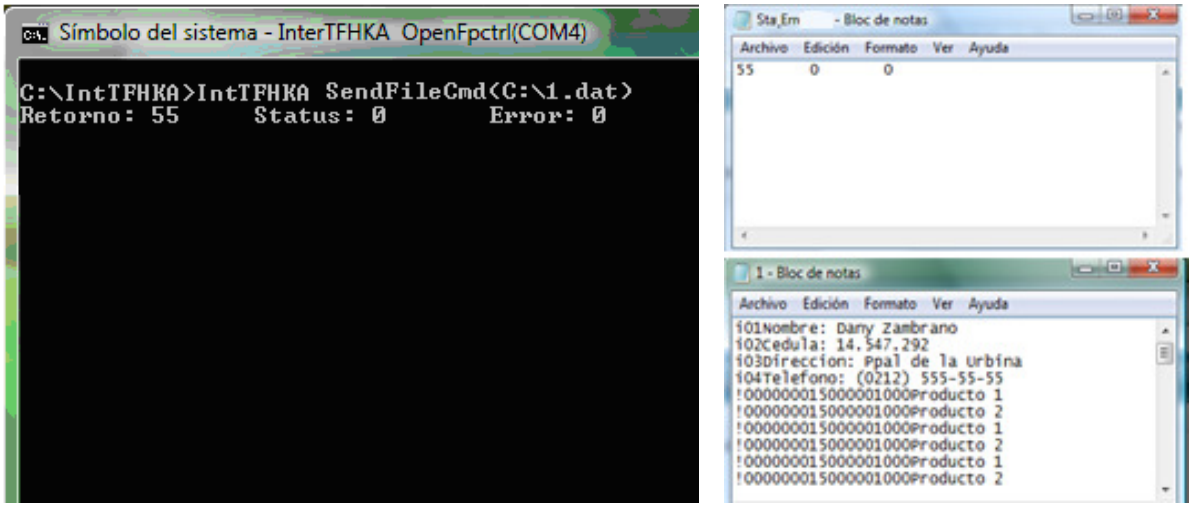
2.4. - SendFileCmd (Complete Path)

This function sends a series of commands to the fiscal printer in a ".txt" or ".dat" file. It's just a matter of indicating the complete path of the file to send. This function is called from

the Command Prompt directly:

Example: C:\IntTFHKA\IntTFHKA **SendfileCmd(C:\1.dat)**

Returns	Number of a Valid Command in Stand by

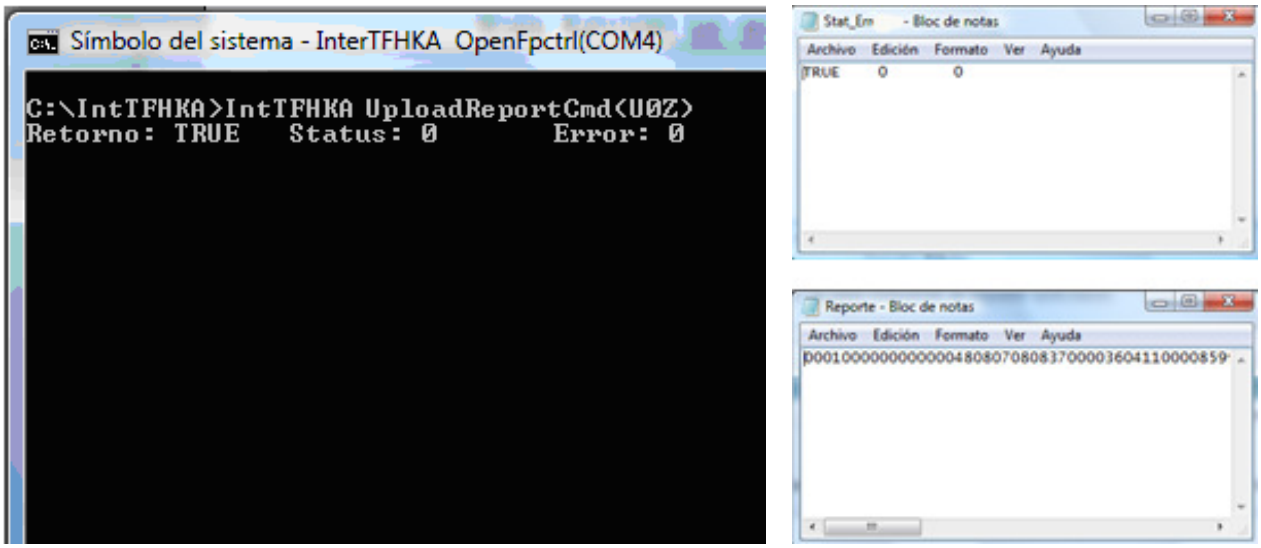


The execution of this function will create the file "Stat_Err" automatically, where will be the information written in the Command Prompt related to **Return**, **Status and Error** during the calling of the function.

2.5. - UploadReportCmd (Command)

This function is in charge of loading a data report and saving it into a file inside the folder given with the application automatically and name it "Reporte.txt". To build the command, follow the settled into the "**Commands Manual**". This function is called from the Command Prompt directly:

Example: C:\IntTFHKA\IntTFHKA ***UploadReportCmd*(U0Z)** → This command loads a Z report and generates a file with the data related to the report requested.

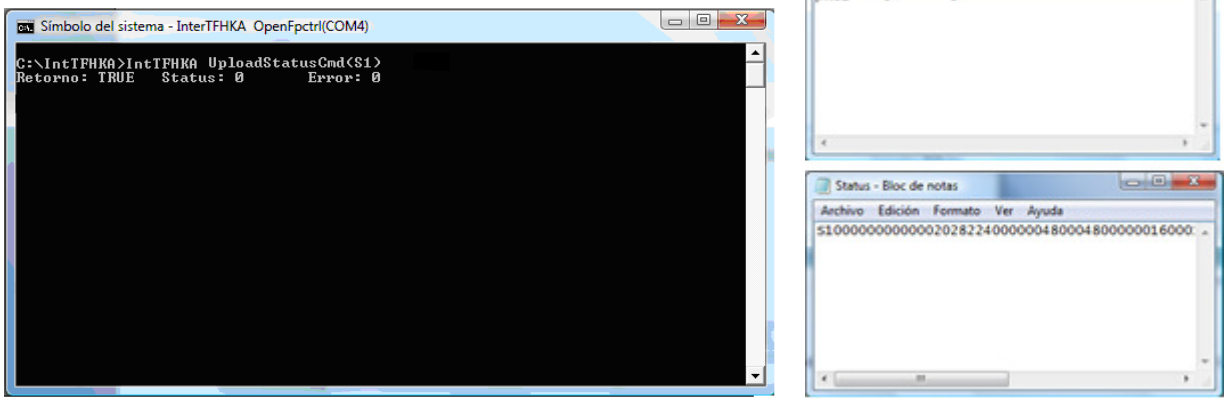


The execution of this function will create the file "Stat_Err" automatically, where will be the information written in the Command Prompt related to **Return, Status and Error** during the calling of the function.

2.6. - UploadStatusCmd (Command)

This function is in charge of loading the status of the Printer (S1, S2, S3, S4 and S5) into the file named "Status.txt" automatically and inside the folder of the application given. To build the command, follow the settled into the "**Technic and Description of Commands Manual**". This function is called from the Command Prompt directly:

Example: C:\IntTFHKA\IntTFHKA ***UploadReportCmd*(S1)** → This command loads status S1 y generates a file with the data related to the status requested.



The execution of this function will create the file "Stat_Err" automatically, where will be the information written in the Command Prompt related to **Return, Status and Error** during the calling of the function.

3.- Tables of Status and Error

3.1. – Table of Status

Returns	Comments
1	In Training Mode and Waiting
2	In Training Mode and Fiscal Transaction
3	In Training Mode and issuance of Non Fiscal Documents
4	In Fiscal Mode and Waiting
5	In Fiscal Mode and issuance of Fiscal Documents
6	In Fiscal Mode and issuance of Non Fiscal Documents
7	In Fiscal Mode and Complete Charge Nearby of Fiscal Memory and Waiting
8	In Fiscal Mode and Complete Charge Nearby of Fiscal Memory and issuance of Fiscal Documents
9	In Fiscal Mode and Complete Charge Nearby of Fiscal Memory and issuance of Non Fiscal Documents
10	In Fiscal Mode and Complete Charge of Fiscal Memory and Waiting
11	In Fiscal Mode and Complete Charge of Fiscal Memory and issuance of Fiscal Documents
12	In Fiscal Mode and Complete Charge of Fiscal Memory and issuance of Non Fiscal Documents

3.2. – Table of Error

Returns	Comments
0	No Error
1	Run out of paper
2	Mechanic nature Error of paper feeding
3	Run out of paper and Mechanic nature Error
80	Non Valid Command
92	Non Valid Command
96	Fiscal Error
100	Error in Fiscal Memory
108	Full up Fiscal Memory
112	Full up Buffer (Restart Command must be sent)
128	Communication Error
137	No Answer
144	LRC Error
145	API Internal Error
153	Open File Error