

# ActiveX driver for cash registers

Version 1.18

## CONTENT

|                                                 |    |
|-------------------------------------------------|----|
| Content.....                                    | 2  |
| 1 Description .....                             | 4  |
| 2 Examples.....                                 | 4  |
| 3 Installation.....                             | 4  |
| 4 Operation .....                               | 4  |
| 5 Function description.....                     | 5  |
| 5.1 Connect to printer .....                    | 5  |
| 5.1.1 Init.....                                 | 5  |
| 5.1.2 InitEx .....                              | 5  |
| 5.1.3 InitTCP .....                             | 5  |
| 5.1.4 Disconnect from device .....              | 5  |
| 5.1.5 Close .....                               | 5  |
| 5.2 FEATURES RELATING TO THE PRINTING.....      | 6  |
| 5.2.1 AddUniqueSellNom .....                    | 6  |
| 5.2.2 SetRefundParams .....                     | 6  |
| 5.2.3 StartBon.....                             | 7  |
| 5.2.4 AddPLU .....                              | 7  |
| 5.2.5 AddProgPlu .....                          | 8  |
| 5.2.6 AddDeprtPlu .....                         | 8  |
| 5.2.7 AddLine.....                              | 8  |
| 5.2.8 AddBarcode .....                          | 9  |
| 5.2.9 AddDiscount .....                         | 9  |
| 5.2.10 AddPayment .....                         | 9  |
| 5.2.11 EndBon .....                             | 10 |
| 5.2.12 CopyLastBon .....                        | 10 |
| 5.3 Print reports .....                         | 10 |
| 5.3.1 RunFMBlockReport.....                     | 10 |
| 5.3.2 RunFMDateReport.....                      | 10 |
| 5.3.3 RunPLUReport .....                        | 10 |
| 5.3.4 RunXReport .....                          | 10 |
| 5.3.5 RunZReport.....                           | 10 |
| 5.3.6 ReportByDepartments.....                  | 11 |
| 5.4 CUSTOMER DISPLAY MANAGEMENT FUNCTIONS ..... | 11 |
| 5.4.1 DisplayTop .....                          | 11 |

**CASH REGISTERS AND SYSTEMS**

|        |                                               |    |
|--------|-----------------------------------------------|----|
| 5.4.2  | DisplayBottom .....                           | 11 |
| 5.4.3  | DisplayClear .....                            | 11 |
| 5.4.4  | DisplayDateTime.....                          | 11 |
| 5.5    | Ammounts ammounted .....                      | 11 |
| 5.5.1  | GetXReportData .....                          | 11 |
| 5.5.2  | GetRecieptStatus .....                        | 11 |
| 5.5.3  | GetDeptmentTotals.....                        | 12 |
| 5.6    | PROGRAMMING OF ARTICLES IN THE CASHBOOK ..... | 12 |
| 5.6.1  | SetPluData .....                              | 12 |
| 5.7    | Office money entry / withdrawal. ....         | 12 |
| 5.7.1  | InOutMoney .....                              | 12 |
| 5.8    | Other functions .....                         | 12 |
| 5.8.1  | GetLastDocNumber .....                        | 12 |
| 5.8.2  | GetNextInvoiceNumber.....                     | 12 |
| 5.8.3  | GetNextRefundInvNumber.....                   | 12 |
| 5.8.4  | GetSerialNumber .....                         | 13 |
| 5.8.5  | GetFiscalNumber .....                         | 13 |
| 5.8.6  | GetDriverVersion.....                         | 13 |
| 5.8.7  | GetDriverVendor .....                         | 13 |
| 5.8.8  | GetHardwareStatus .....                       | 13 |
| 5.8.9  | GetPrinterModel .....                         | 13 |
| 5.8.10 | GetClock .....                                | 13 |
| 5.8.11 | SetClock .....                                | 13 |
| 5.8.12 | SetOperator .....                             | 14 |
| 5.9    | Description of properties .....               | 14 |
| 5.10   | Dispatch interfaces.....                      | 14 |
| 5.10.1 | IBonData .....                                | 14 |
| 5.10.2 | IXReportData .....                            | 15 |
| 5.10.3 | IDepartTotals .....                           | 15 |
| 6      | Pay types in eltrade fiscal devices .....     | 15 |
| 7      | VAT groups .....                              | 16 |

## 1 DESCRIPTION

The driver is used to print fiscal and non-fiscal cash receipts through Eltrade fiscal devices. It uses ActiveX technology and acts as an interface between the application and the fiscal printer and can be integrated into various applications and web pages<sup>1</sup>.

The program exports a set of functions that your application can use when working with a fiscal printer. The driver takes care to recognize the particular model of the cash register and to operate it appropriately.

The client program is required to complete the cash receipt using a set of several commands listed below in the document.

Program initialization requires a registration key that is different for each fiscal device. If the registration key is not filed or is different from the device key an additional text is printed on each cash receipt informing the user that driver is unlicensed .

## 2 EXAMPLES

A **TestAX\_FPDriverG2.html** file has been added to the working folder of the program where you can see an example javascript implementation. Please see the source code in the file for details.

## 3 INSTALLATION.

Use the automated installation.

The driver can be installed / uninstalled manually using [regsvr32](#) or bat files (RegDriver\_BG.bat and UnRegDriver\_BG.bat) from the working folder of the program.

## 4 OPERATION

The program exports features used by the client application. Each function returns a result of 0 for success or error number. You can get the details of the error by using the `Get_LastErrorCode` and `Get_LastErrorMessage` methods or the `LastErrorCode` or [LastErrorMessage](#).

The first step is to initialize and connect to the cash register. Init functions are used for this purpose. The `StartBon` function is used to issue a new receipt. Then function `AddPlu` adds items to the receipt and the `EndBon` ends receipt .

If a valid folder is specified in the [LogFilePath](#) property, the driver will create a file named `EltradeFPAXG2_BG_Log.txt` in which a log of the operations performed will be written.

For details and sample implementation, see the examples in the **TestAX\_FPDriverG2.html** file located in the working folder of the program.

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<sup>1</sup> [Use ActiveX for IE](#)

## 5 FUNCTION DESCRIPTION.

### 5.1 CONNECT TO PRINTER

#### 5.1.1 Init

|                    |                                                                                                                                                                                                          |                   |                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------|
| <b>Description</b> | Initializes the connection to the cash register. Successful completion of this function is a must for all other functions to work. Specified COM port is opened and the status of the printer is checked |                   |                                            |
| <b>Result</b>      | LONG - 0 on success                                                                                                                                                                                      |                   |                                            |
| <b>Parameters</b>  | ComPort                                                                                                                                                                                                  | LONG              | Com port nom 1-255                         |
|                    | PortSpeed                                                                                                                                                                                                | LONG              | Baud rate - 115200                         |
|                    | Locale                                                                                                                                                                                                   | LONG              | Is not used. It is left for compatibility. |
|                    | Language                                                                                                                                                                                                 | LONG              | Is not used. It is left for compatibility. |
|                    | SerialKey                                                                                                                                                                                                | BSTR <sup>2</sup> | registration key                           |

#### 5.1.2 InitEx

|                    |                                                                                                                                                                                                                                                                                                                        |      |                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------|
| <b>Description</b> | Initializes the connection to the cash register. Function is an alternative to <a href="#">INIT</a> , but without setting a port port. Function automatically searches for available COM ports and for a connected device. If a serial number is specified and one is not found, connects the first available printer. |      |                                                        |
| <b>Result</b>      | LONG - 0 on success                                                                                                                                                                                                                                                                                                    |      |                                                        |
| <b>Parameters</b>  | PortSpeed                                                                                                                                                                                                                                                                                                              | LONG | Baud rate - 115200                                     |
|                    | Locale                                                                                                                                                                                                                                                                                                                 | LONG | Is not used. It is left for compatibility.             |
|                    | Language                                                                                                                                                                                                                                                                                                               | LONG | Is not used. It is left for compatibility.             |
|                    | SerialKey                                                                                                                                                                                                                                                                                                              | BSTR | registration key                                       |
|                    | DeviceSerialNo                                                                                                                                                                                                                                                                                                         | BSTR | The serial number of the device you want to connect to |

#### 5.1.3 InitTCP

|                    |                                  |      |                                            |
|--------------------|----------------------------------|------|--------------------------------------------|
| <b>Description</b> | TCP connetion to fiscal printer. |      |                                            |
| <b>Result</b>      | LONG - 0 on success              |      |                                            |
| <b>Parameters</b>  | IPAddress                        | BSTR | Fiscal printer network address             |
|                    | IPPort                           | LONG | Network printer port                       |
|                    | Locale                           | LONG | Is not used. It is left for compatibility. |
|                    | Language                         | LONG | Is not used. It is left for compatibility. |
|                    | SerialKey                        | BSTR | registration key                           |

#### 5.1.4 Disconnect from device

#### 5.1.5 Close

|                    |                                              |
|--------------------|----------------------------------------------|
| <b>Description</b> | Disconnects the printer and closes the port. |
| <b>Result</b>      | None                                         |
| <b>Parameters</b>  | None                                         |

<sup>2</sup> [BSTR](#) Basic string or binary string

## 5.2 FEATURES RELATING TO THE PRINTING.

### 5.2.1 AddUniqueSellNom

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                           |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------|
| <b>Description</b> | <p>Adds UNP. The function must be called before StartBon for fiscal note.<br/> Format: XXXXXXXXXX-ZZZZ-0000001.<br/> XXXXXXXX - 8-digit individual FU number assigned by the manufacturer.<br/> (GetSerialNumber returns this number).<br/> ZZZZ - 4-digit operator code that entered sales data according to the software nomenclature,<br/> 0000000 - 7-digit sales order number, individually formed for each individual FU number.</p> |      |                                           |
| <b>Result</b>      | LONG - 0 on success                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                           |
| <b>Parameters</b>  | SellNom                                                                                                                                                                                                                                                                                                                                                                                                                                    | BSTR | Unique sales number as required by NRA 18 |

### 5.2.2 SetRefundParams

|                    |                                                                                                                                |      |                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Submits parameters for refund cash receipt. The function must be called before StartBon for a strict fiscal receipt or invoice |      |                                                                                                            |
| <b>Result</b>      | LONG - 0 on success                                                                                                            |      |                                                                                                            |
| <b>Parameters</b>  | FiscalBlock                                                                                                                    | LONG | Fiscal memory number. It is printed on the note to be reversed                                             |
|                    | Reason                                                                                                                         | LONG | Reason for cancellation<br>1 - Operator error.<br>2 - Claim,<br>3 - Changing tax rates.                    |
|                    | ReceiptNo                                                                                                                      | LONG | Note number. It is printed on the note to be reversed.                                                     |
|                    | InvDate                                                                                                                        | BSTR | Date of the receipt. It is printed on the note to be reversed.<br><b>Date format dd / mm / yyyy hh: nn</b> |
|                    | InvoiceNom                                                                                                                     | BSTR | Invoice number to be refunded. The field is only filled in if we are refunding invoice.                    |

### 5.2.3 StartBon

|                    |                                                                                                                                                                                                               |      |                                                                                                                                            |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Command to start a new cash receipt. The type of receipt you want is specified as a parameter. All parameters related to invoice data are used only on condition that the printed note is of the invoice type |      |                                                                                                                                            |
| <b>Result</b>      | LONG - 0 on success                                                                                                                                                                                           |      |                                                                                                                                            |
| <b>Parameters</b>  |                                                                                                                                                                                                               |      |                                                                                                                                            |
|                    | BonType                                                                                                                                                                                                       | LONG | Type of receipt:<br>1 - non-fiscal note,<br>2 - fiscal note,<br>3,4 - invoice,<br>5 - Reversal of the note,<br>6 - Invoice (Credit Notice) |
|                    | For a reversal note (type 5 and 6), <a href="#">SetRefundParams</a> must be executed before StartBon                                                                                                          |      |                                                                                                                                            |
|                    | For type 3, 4, 6 notes, the Invoice parameters must be completed                                                                                                                                              |      |                                                                                                                                            |
|                    | PLUNumb                                                                                                                                                                                                       | LONG | Is not used. It is left for compatibility.                                                                                                 |
|                    | CashierNo                                                                                                                                                                                                     | LONG | Operator number                                                                                                                            |
|                    | CashierName                                                                                                                                                                                                   | BSTR | Operator name                                                                                                                              |
|                    | CashierPass                                                                                                                                                                                                   | BSTR | Operator password                                                                                                                          |
|                    | CashierPOS                                                                                                                                                                                                    | LONG | Is not used. It is left for compatibility.                                                                                                 |
|                    | InvNumber                                                                                                                                                                                                     | BSTR | Invoice number                                                                                                                             |
|                    | InvTaxNumber                                                                                                                                                                                                  | BSTR | Customer UIC                                                                                                                               |
|                    | InvVATNum                                                                                                                                                                                                     | BSTR | VAT registration of the client                                                                                                             |
|                    | InvCompany                                                                                                                                                                                                    | BSTR | Customer company                                                                                                                           |
|                    | InvCity                                                                                                                                                                                                       | BSTR | Customer town                                                                                                                              |
|                    | InvAddress                                                                                                                                                                                                    | BSTR | Customer address                                                                                                                           |
|                    | InvMOL                                                                                                                                                                                                        | BSTR | Customer accountant person                                                                                                                 |
|                    | InvReceiver                                                                                                                                                                                                   | BSTR | Customer receiver                                                                                                                          |

### 5.2.4 AddPLU

|                    |                                                                                                                                                                                                                                                                                 |        |                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------|
| <b>Description</b> | Command to add an item to the receipt. Return operation is supported (a negative quantity is specified). In order to perform the operation, the amount of the returned item must be less than the amount of the voucher. It is not possible to generate a negative cash receipt |        |                                                                                           |
| <b>Result</b>      | LONG - 0 on success                                                                                                                                                                                                                                                             |        |                                                                                           |
| <b>Parameters</b>  | Numb                                                                                                                                                                                                                                                                            | BSTR   | Item number                                                                               |
|                    | Name                                                                                                                                                                                                                                                                            | BSTR   | Item name                                                                                 |
|                    | Price                                                                                                                                                                                                                                                                           | DOUBLE | Unit price                                                                                |
|                    | Quantity                                                                                                                                                                                                                                                                        | DOUBLE | Quantity. If the quantity is with a negative sign, a goods return operation is performed. |
|                    | VATGrp                                                                                                                                                                                                                                                                          | LONG   | Tax group. An integer from 1 to 8. ( <a href="#">See VAT table</a> )                      |

### 5.2.5 AddProgPlu

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                                                                                           |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------|
| <b>Description</b> | <p>Command for adding a programmed item to the cash receipt.<br/> The item must be pre-programmed into the device (<a href="#">SetPluData</a> function).<br/> Return operation is supported (a negative quantity is specified). In order to perform the operation, the amount of the returned item must be less than the amount of the note. It is not possible to generate a negative cash receipt.<br/> Function is used when you want to receive detailed reports from the device for items sold.<br/> See <a href="#">RunPLUReport</a></p> |        |                                                                                           |
| <b>Result</b>      | LONG - 0 on success                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                                                                                           |
| <b>Parameters</b>  | Numb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | LONG   | Item number 1 до 299999.                                                                  |
|                    | DeptmenNo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LONG   | Department number(PLU group) 1-100                                                        |
|                    | Quantity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DOUBLE | Quantity. If the quantity is with a negative sign, a goods return operation is performed. |
|                    | Price                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DOUBLE | Not used                                                                                  |
|                    | VATGroup                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LONG   | Not used                                                                                  |

### 5.2.6 AddDeprtPlu

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                                                                                           |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------|
| <b>Description</b> | <p>Command to sell item through department.<br/> Return operation is supported (negative quantity is specified). To complete the operation, the amount of the returned item must be less than the amount of the note. It is not possible to generate a negative cash receipt<br/> Used when you want to receive reports from the sales unit across departments with this feature <a href="#">RunPLUReport</a> or <a href="#">ReportByDepartments</a></p> |        |                                                                                           |
| <b>Result</b>      | LONG - 0 on success                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |                                                                                           |
| <b>Parameters</b>  | Numb                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LONG   | Item number 1 до 299999.                                                                  |
|                    | Name                                                                                                                                                                                                                                                                                                                                                                                                                                                     | BSTR   | Name                                                                                      |
|                    | DeptmNo                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LONG   | Department number(PLU group) 1-100                                                        |
|                    | Price                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DOUBLE | Unit price                                                                                |
|                    | Quantity                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DOUBLE | Quantity. If the quantity is with a negative sign, a goods return operation is performed. |
|                    | VATGroup                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LONG   | Tax group. An integer from 1 to 8                                                         |

### 5.2.7 AddLine

|                    |                          |      |                                                                                                          |
|--------------------|--------------------------|------|----------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Add text line to receipt |      |                                                                                                          |
| <b>Result</b>      | LONG - 0 on success      |      |                                                                                                          |
| <b>Parameters</b>  | Line                     | BSTR | Text to be printed.                                                                                      |
|                    | Command                  | BSTR | "DBWIDTH" - double width<br>"DBSTRIKE" - double height<br>"BOLD" - a combination of DBWIDTH and DBSTRIKE |
|                    | WordWrap                 | LONG | If it is "1" it will carry the text to the next line if it is longer than the width of the paper strip.  |

#### 5.2.8 AddBarcode

|                    |                     |      |                                                                                                            |
|--------------------|---------------------|------|------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Prints barcode      |      |                                                                                                            |
| <b>Result</b>      | LONG - 0 on success |      |                                                                                                            |
| <b>Parameters</b>  | BData               | BSTR | Barcode text                                                                                               |
|                    | BType               | LONG | 1 - EAN8<br>2 - EAN13<br>3 - CODE128<br>4 - ITF whitout check sum<br>5 - ITF with check sum<br>6 - QR code |
|                    | BHeight             | LONG | Barcode height in pixels. Max. 200px .                                                                     |
|                    | BHri                | LONG | If "1" the text submitted to BData will also be printed                                                    |

#### 5.2.9 AddDiscount

|                    |                                       |      |                                                                                                        |
|--------------------|---------------------------------------|------|--------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Command to add discount or allowance. |      |                                                                                                        |
| <b>Result</b>      | LONG - 0 on success                   |      |                                                                                                        |
| <b>Parameters</b>  | DiscType                              | LONG | Discount / allowance type:<br>1 - over the last item,<br>2 - above the interim amount,<br>3 - absolute |
|                    | Value                                 | LONG | Discount / allowance value with sign                                                                   |

#### 5.2.10 AddPaymentByCurrncy

|                   |                                                           |        |                                                                            |
|-------------------|-----------------------------------------------------------|--------|----------------------------------------------------------------------------|
| <b>Описание</b>   | Command to add payment. Option with currency abbreviation |        |                                                                            |
| <b>Результат</b>  | LONG - 0 on success                                       |        |                                                                            |
| <b>Parameters</b> | PayNo                                                     | LONG   | Type of payment. ( <a href="#">See payment types</a> )                     |
|                   | PayText                                                   | BSTR   | Payment name                                                               |
|                   | PayAmount                                                 | DOUBLE | Payment amount                                                             |
|                   | PayCourse                                                 | DOUBLE | Payment exchange rate (if PayAmount is in another currency).               |
|                   | CurrAbrev                                                 | BSTR   | Three-character currency code (ISO 4217) for the currency name. (BGN, EUR) |

#### 5.2.11 AddPayment

|                    |                      |        |                                                                                                                     |
|--------------------|----------------------|--------|---------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Add payment command. |        |                                                                                                                     |
| <b>Result</b>      | LONG - 0 on success  |        |                                                                                                                     |
| <b>Parameters</b>  | Number               | LONG   | Type of payment. ( <a href="#">See payment types</a> )                                                              |
|                    | Name                 | BSTR   | Payment name                                                                                                        |
|                    | Ammount              | DOUBLE | Payment amount                                                                                                      |
|                    | Course               | DOUBLE | Exchange rate of payment (if Ammount is in another currency). The device accepts payments in national currency only |

## 5.2.12 EndBon

|                    |                               |
|--------------------|-------------------------------|
| <b>Description</b> | Cash receipt closing command. |
| <b>Result</b>      | LONG - 0 on success           |
| <b>Parameters</b>  | None                          |

## 5.2.13 CopyLastBon

|                    |                                                                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Prints a copy of the last receipt. A function from the cash register itself is used. Only one copy of the last cash receipt can be printed. |
| <b>Result</b>      | LONG - 0 on success                                                                                                                         |
| <b>Parameters</b>  | None                                                                                                                                        |

## 5.3 PRINT REPORTS

## 5.3.1 RunFMBlockReport

|                    |                                 |      |                               |
|--------------------|---------------------------------|------|-------------------------------|
| <b>Description</b> | Print a report by fiscal blocks |      |                               |
| <b>Result</b>      | LONG - 0 on success             |      |                               |
| <b>Parameters</b>  | StartBlock                      | LONG | Initial memory block number   |
|                    | EndBlock                        | LONG | Number end memory block       |
|                    | Detailed                        | LONG | 1- Detailed report is printed |

## 5.3.2 RunFMDateReport

|                    |                       |        |                               |
|--------------------|-----------------------|--------|-------------------------------|
| <b>Description</b> | Print report by dates |        |                               |
| <b>Result</b>      | LONG - 0 on success   |        |                               |
| <b>Parameters</b>  | StartDate             | DOUBLE | Start <a href="#">date</a>    |
|                    | EndDate               | DOUBLE | End <a href="#">date</a>      |
|                    | Detailed              | LONG   | 1- Detailed report is printed |

## 5.3.3 RunPLUReport

|                    |                     |      |                                |
|--------------------|---------------------|------|--------------------------------|
| <b>Description</b> | Print item report   |      |                                |
| <b>Result</b>      | LONG - 0 on success |      |                                |
| <b>Parameters</b>  | ZeroFlag            | LONG | 1 – a Z report will be printed |
|                    | PrintFlag           | LONG | Not used                       |

## 5.3.4 RunXReport

|                    |                                                        |
|--------------------|--------------------------------------------------------|
| <b>Description</b> | Print Report X (without resetting accumulated amounts) |
| <b>Result</b>      | LONG - 0 on success                                    |

## 5.3.5 RunZReport

|                    |                                               |
|--------------------|-----------------------------------------------|
| <b>Description</b> | Print Report Z (with zero amount accumulated) |
| <b>Result</b>      | LONG - 0 on success                           |

### 5.3.6 ReportByDepartments

|                    |                             |      |                                |
|--------------------|-----------------------------|------|--------------------------------|
| <b>Description</b> | Print a departmental report |      |                                |
| <b>Result</b>      | LONG - 0 on success         |      |                                |
| <b>Parameters</b>  | ZeroFlag                    | LONG | 1 – a Z report will be printed |

## 5.4 CUSTOMER DISPLAY MANAGEMENT FUNCTIONS

### 5.4.1 DisplayTop

|                    |                                      |      |                                                                                                                                                          |
|--------------------|--------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Text for the top line of the display |      |                                                                                                                                                          |
| <b>Result</b>      | LONG - 0 on success                  |      |                                                                                                                                                          |
| <b>Parameters</b>  | Text                                 | BSTR | Text, up to 20 characters, to be displayed on the top line of the display. Some models will not execute the command if a fiscal receipt is already open. |

### 5.4.2 DisplayBottom

|                    |                                 |      |                                                                              |
|--------------------|---------------------------------|------|------------------------------------------------------------------------------|
| <b>Description</b> | Bottom line text on the display |      |                                                                              |
| <b>Result</b>      | LONG - 0 on success             |      |                                                                              |
| <b>Parameters</b>  | Text                            | BSTR | Text, up to 20 characters, to be displayed on the bottom line of the display |

### 5.4.3 DisplayClear

|                    |                     |  |  |
|--------------------|---------------------|--|--|
| <b>Description</b> | Clear display       |  |  |
| <b>Result</b>      | LONG - 0 on success |  |  |
| <b>Parameters</b>  | None                |  |  |

### 5.4.4 DisplayDateTime

|                    |                                                |  |  |
|--------------------|------------------------------------------------|--|--|
| <b>Description</b> | Displays the date / time on the client display |  |  |
| <b>Result</b>      | LONG - 0 on success                            |  |  |
| <b>Parameters</b>  | None                                           |  |  |

## 5.5 AMMOUNTS AMMOUNTED

### 5.5.1 GetXReportData

|                    |                                                                                               |  |  |
|--------------------|-----------------------------------------------------------------------------------------------|--|--|
| <b>Description</b> | Returns data on the accumulated amounts and types of payments since the last Z report to date |  |  |
| <b>Result</b>      | IXReportData                                                                                  |  |  |
| <b>Parameters</b>  | None                                                                                          |  |  |

### 5.5.2 GetReceiptStatus

|                    |                                                                                        |  |  |
|--------------------|----------------------------------------------------------------------------------------|--|--|
| <b>Description</b> | Returns data for the current / last cash receipt. Amounts accumulated and paid so far. |  |  |
| <b>Result</b>      | <a href="#">IBonData</a>                                                               |  |  |
| <b>Parameters</b>  | None                                                                                   |  |  |

### 5.5.3 GetDeptmentTotals

|                    |                                                                                        |      |                       |
|--------------------|----------------------------------------------------------------------------------------|------|-----------------------|
| <b>Description</b> | Returns data for the current / last cash receipt. Amounts accumulated and paid so far. |      |                       |
| <b>Result</b>      | <a href="#">IDepartTotals</a>                                                          |      |                       |
| <b>Parameters</b>  | DepNo                                                                                  | LONG | Department nom 1 -100 |

## 5.6 PROGRAMMING OF ARTICLES IN THE CASHBOOK

### 5.6.1 SetPluData

|                    |                                                  |        |                                   |
|--------------------|--------------------------------------------------|--------|-----------------------------------|
| <b>Description</b> | Enters an PLU item in the cash register's memory |        |                                   |
| <b>Result</b>      | LONG - 0 on success                              |        |                                   |
| <b>Parameters</b>  | PluNo                                            | LONG   | Item number 1 до 299999.          |
|                    | TaxGrp                                           | LONG   | Tax group. An integer from 1 to 8 |
|                    | GroupNo                                          | LONG   | 1                                 |
|                    | UnitPrice                                        | DOUBLE | Unit price                        |
|                    | Name                                             | BSTR   | Name                              |

## 5.7 OFFICE MONEY ENTRY / WITHDRAWAL.

### 5.7.1 InOutMoney

|                    |                                                                                                                                                                    |        |                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------|
| <b>Description</b> | Office money entry / withdrawal. You must first submit an operator that performs the operation with the SetOperatorfunction. Otherwise, the last operator is used. |        |                                            |
| <b>Result</b>      | LONG - 0 on success                                                                                                                                                |        |                                            |
| <b>Parameters</b>  | Ammount                                                                                                                                                            | DOUBLE | Ammount                                    |
|                    | PayType                                                                                                                                                            | LONG   | Is not used. It is left for compatibility. |

## 5.8 OTHER FUNCTIONS

### 5.8.1 GetLastDocNumber

|                    |                                                 |                                                                                                  |  |
|--------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------|--|
| <b>Description</b> | Returns the number of the last printed document |                                                                                                  |  |
| <b>Result</b>      | LONG                                            | Last receipt number. If Result is zero - check for error with <a href="#">LastErrorMessage</a> . |  |

### 5.8.2 GetNextInvoiceNumber

|                    |                                        |                                                                                                                                                    |  |
|--------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Description</b> | Returns the number of the next invoice |                                                                                                                                                    |  |
| <b>Result</b>      | BSTR                                   | The next invoice number is the invoice counter on the unit. If Result is an empty string - check for error with <a href="#">LastErrorMessage</a> . |  |

### 5.8.3 GetNextRefundInvNumber

|                    |                                                                 |                                                                                                                                                      |  |
|--------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Description</b> | Returns the number of the next reversal invoice / credit note / |                                                                                                                                                      |  |
| <b>Result</b>      | BSTR                                                            | The next invoice number from the invoice counter in the unit. If Result is an empty string - check for error with <a href="#">LastErrorMessage</a> . |  |

#### 5.8.4 GetSerialNumber

|                    |                      |                                                                                                              |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Device serial number |                                                                                                              |
| <b>Result</b>      | BSTR                 | Device serial number. If Result is an empty string - check for error with <a href="#">LastErrorMessage</a> . |

#### 5.8.5 GetFiscalNumber

|                    |                      |                                                                                                              |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Device fiscal number |                                                                                                              |
| <b>Result</b>      | BSTR                 | Device fiscal number. If Result is an empty string - check for error with <a href="#">LastErrorMessage</a> . |

#### 5.8.6 GetDriverVersion

|                    |                                                                                        |                                                                                                        |
|--------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Description</b> | If Result is an empty string - check for error with <a href="#">LastErrorMessage</a> . |                                                                                                        |
| <b>Result</b>      | BSTR                                                                                   | Driver version. If Result is an empty string - check for error with <a href="#">LastErrorMessage</a> . |

#### 5.8.7 GetDriverVendor

|                    |               |                                                                                                       |
|--------------------|---------------|-------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Driver vendor |                                                                                                       |
| <b>Result</b>      | BSTR          | Driver vendor. If Result is an empty string - check for error with <a href="#">LastErrorMessage</a> . |

#### 5.8.8 GetHardwareStatus

|                    |                        |                                                                                         |
|--------------------|------------------------|-----------------------------------------------------------------------------------------|
| <b>Description</b> | Device hardware status |                                                                                         |
| <b>Result</b>      | BSTR                   | An empty string if the cash register is in working order or text containing the damage. |

#### 5.8.9 GetPrinterModel

|                    |              |                   |
|--------------------|--------------|-------------------|
| <b>Description</b> | Device model |                   |
| <b>Result</b>      | BSTR         | Device model name |

#### 5.8.10 GetClock

|                    |                  |                                                                                                      |
|--------------------|------------------|------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Device date/time |                                                                                                      |
| <b>Result</b>      | DOUBLE           | <a href="#">Date/time</a> . If Result is 0 - check for error with <a href="#">LastErrorMessage</a> . |
| <b>Parameters</b>  | None             |                                                                                                      |

#### 5.8.11 SetClock

|                    |                                                                                   |                                    |
|--------------------|-----------------------------------------------------------------------------------|------------------------------------|
| <b>Description</b> | Sets the cash register clock. The command is only allowed in some cash registers. |                                    |
| <b>Result</b>      | LONG - 0 on success                                                               |                                    |
| <b>Parameters</b>  | Value                                                                             | DOUBLE <a href="#">Date/time</a> . |

#### 5.8.12 SetOperator

|                    |                                            |      |                              |
|--------------------|--------------------------------------------|------|------------------------------|
| <b>Description</b> | Changes the current cash register operator |      |                              |
| <b>Result</b>      | LONG - 0 on success                        |      |                              |
| <b>Parameters</b>  | OperNom                                    | LONG | Operator number              |
|                    | OperName                                   | BSTR | Operator name                |
|                    | OperPass                                   | BSTR | Operator password(if exists) |

### 5.9 DESCRIPTION OF PROPERTIES

| Name                      | Type |     | Description                                                      |
|---------------------------|------|-----|------------------------------------------------------------------|
| <b>FPDateTimeAsString</b> | BSTR | R/W | Date / Time of the device in format <b>ddmmyyyhhnss</b>          |
| <b>FPName</b>             | BSTR | R   | Device model name                                                |
| <b>FPSerial</b>           | BSTR | R   | Device serial                                                    |
| <b>FPVersion</b>          | BSTR | R   | Device firmware version                                          |
| <b>FPFiscalNom</b>        | BSTR | R   | Deviece fiscal memory number                                     |
| <b>LastUniqueSellNo</b>   | BSTR | R   | Last UNP used                                                    |
| <b>ComPort</b>            | LONG | R   | Com port                                                         |
| <b>LineLength</b>         | LONG | R   | Number of characters per line                                    |
| <b>LastErrorCode</b>      | LONG | R   | Last error code                                                  |
| <b>LastErrorMessage</b>   | BSTR | R   | Last error description                                           |
| <b>PrintInvDuplicate</b>  | LONG | R/W | If it is 1 it will print a copy of the invoice                   |
| <b>LogFilePath</b>        | BSTR | R   | Folder in which to create the log of operations from the driver. |

### 5.10 DISPATCH<sup>3</sup>INTERFACES

#### 5.10.1 IbonData

Reciept data

|                    |        |                                |
|--------------------|--------|--------------------------------|
| <b>TotalAmount</b> | DOUBLE | Total transaction amount       |
| <b>PayedAmount</b> | DOUBLE | Total amount paid              |
| <b>DocNumber</b>   | DOUBLE | Reciept number                 |
| <b>ItemCount</b>   | LONG   | Items count                    |
| <b>IsInvoice</b>   | LONG   | If the receipt is invoice is 1 |

<sup>3</sup> [Dispatch Interfaces](#)

### 5.10.2 IXReportData

Amounts accumulated from last Z report to now

|                  |        |                                                                 |
|------------------|--------|-----------------------------------------------------------------|
| <b>Total</b>     | DOUBLE | Total accumulated amount                                        |
| <b>TOTAL_VAT</b> | DOUBLE | Total VAT amount                                                |
| <b>TotalTaxA</b> | DOUBLE | Total VAT amount for group A ( <a href="#">See VAT groups</a> ) |
| <b>TotalTaxB</b> | DOUBLE | Total VAT amount for group Б ( <a href="#">See VAT groups</a> ) |
| <b>TotalTaxC</b> | DOUBLE | Total VAT amount for group В ( <a href="#">See VAT groups</a> ) |
| <b>TotalTaxD</b> | DOUBLE | Total VAT amount for group Г ( <a href="#">See VAT groups</a> ) |
| <b>TotalTaxE</b> | DOUBLE | Total VAT amount for group Д ( <a href="#">See VAT groups</a> ) |
| <b>TotalTaxF</b> | DOUBLE | Total VAT amount for group Е ( <a href="#">See VAT groups</a> ) |
| <b>TotalTaxH</b> | DOUBLE | Total VAT amount for group Ж ( <a href="#">See VAT groups</a> ) |
| <b>TotalPy1</b>  | DOUBLE | Total payed for pay type 1 ( <a href="#">See pay types</a> )    |
| <b>TotalPy2</b>  | DOUBLE | Total payed for pay type 2 ( <a href="#">See pay types</a> )    |
| <b>TotalPy3</b>  | DOUBLE | Total payed for pay type 3 ( <a href="#">See pay types</a> )    |
| <b>TotalPy4</b>  | DOUBLE | Total payed for pay type 4 ( <a href="#">See pay types</a> )    |
| <b>TotalPy5</b>  | DOUBLE | Total payed for pay type 5 ( <a href="#">See pay types</a> )    |
| <b>TotalPy6</b>  | DOUBLE | Total payed for pay type 6 ( <a href="#">See pay types</a> )    |
| <b>TotalPy7</b>  | DOUBLE | Total payed for pay type 7 ( <a href="#">See pay types</a> )    |
| <b>TotalPy8</b>  | DOUBLE | Total payed for pay type 8 ( <a href="#">See pay types</a> )    |
| <b>TotalPy9</b>  | DOUBLE | Total payed for pay type 9 ( <a href="#">See pay types</a> )    |
| <b>TotalPy10</b> | DOUBLE | Total payed for pay type 10 ( <a href="#">See pay types</a> )   |
| <b>TotalPy11</b> | DOUBLE | Total payed for pay type 11 ( <a href="#">See pay types</a> )   |

### 5.10.3 IDepartTotals

Amounts accumulated for the department

|                       |        |                   |
|-----------------------|--------|-------------------|
| <b>Nom</b>            | LONG   | Department number |
| <b>Description</b>    | BSTR   | Name              |
| <b>AddText</b>        | BSTR   | Description       |
| <b>TaxGrpNo</b>       | LONG   | VAT group         |
| <b>LastCountSales</b> | DOUBLE | Not used          |
| <b>LastSum</b>        | DOUBLE | Not used          |
| <b>CountSales</b>     | LONG   | Not used          |
| <b>TotalSum</b>       | DOUBLE | Total sum         |
| <b>Exists</b>         | BSTR   | Not used          |

## 6 PAY TYPES IN ELTRADE FISCAL DEVICES

|              |            |
|--------------|------------|
| <b>Номер</b> | <b>Име</b> |
|--------------|------------|

**CASH REGISTERS AND SYSTEMS**

|           |                                             |
|-----------|---------------------------------------------|
| <b>1</b>  | В БРОЙ ЛВ. / In Cash                        |
| <b>2</b>  | С Чек / Check                               |
| <b>3</b>  | Талони / talon                              |
| <b>4</b>  | външни талони / external talon              |
| <b>5</b>  | Амбалаж / wrapping                          |
| <b>6</b>  | вътрешно обслужване / internal service      |
| <b>7</b>  | Повреди / damage                            |
| <b>8</b>  | кредитни/дебитни карти / credit/debit cards |
| <b>9</b>  | банкови трансфери / bank transfers          |
| <b>10</b> | НЗОК / payment form national health funds   |
| <b>11</b> | Резерв 2 / reserved                         |

## 7 VAT GROUPS

| <b>No</b> | <b>Char</b> | <b>TAX value</b> | <b>Description</b>     |
|-----------|-------------|------------------|------------------------|
| <b>1</b>  | A           | 0 %              |                        |
| <b>2</b>  | Б           | 20 %             | The main VAT group     |
| <b>3</b>  | В           | 20 %             | VAT for liquid fuels   |
| <b>4</b>  | Г           | 9 %              | VAT Hotels and tourism |