

----- Call Fax OCX -----

*****NOTE*****

- In order to use this OCX you must first make some default subdirectory, "c:\images" and "c:\faxfont". The "c:\images" directory will contain all saved images or bitmapped files. While the "c:\faxfont" directory should contain the font used by the Fax OCX to transmit text messages, the font file is named as "faxfont.dat". This OCX will work on COM2. On multi-port (COM3-COMx) application requirements, you need to use DECISION TeleCOM PCI Serial Cards. For more information please contact your nearest distributor/ Decision Computer.

Call Fax OCX is broken to 3 Major Categories:

- a. Initialization Methods/ Functions
- b. Sending Fax Methods/ Functions
- c. Receiving Fax Methods/ Functions
- d. Events

A. Initialization Methods or Functions:

1. {Long}**CallFaxCOMPort** ({String}**COMPort**);

-this method is used for informing the OCX on which COM port the FaxModem is connected. Remember, this method should be invoked first before calling the CallFax method.

Ex. ret=ID1.CallFaxCOMPort("COM3"); //the faxmodem is connected on COM3....

2. {Long}**CallFaxPassword**({String}**Password**);

- this method is used to specify the Password needed for using the Fax OCX.

Ex. ret=ID1.CallFaxPassword ("DECISION COMPUTER");

B. Sending Fax Methods or Functions:

1. {Long}**CallFax** ();

-this method is the actual sending of Fax message. Be sure to process first the CallFaxCOMPort, CallFaxPassword, CallFaxSettings, CallFaxSendImage and or CallFaxSendText methods, before issuing this method.

Ex. ret=ID1.CallFax(); //send the Fax message now.....

Result Values:

- 0 -OK
- 1 -No such COM Port
- 2 -Not a DECISION COM Port
- 3 -Wrong OCX Password
- 4 - No Answer
- 6 - No Dialtone
- 7- Busy
- 8- Error in Sending Fax
- 12- Page was not transmitted correctly / Page Error

2. {Long}**CallFaxSettings** ({String}**DestinationNo**);

-this method is used for specifying the telephone no. of the Fax machine to be called. Remember to invoke this method before the CallFax method.

Ex. ret=ID1.CallFaxSettings("27662757"); //this the faxnumber.....

3. {Long}**CallFaxSendImage** ({String}**Image File**, {String}**Page**);

-this method is used for specifying the image file to be sent and at what page it should be printed. Page values are "SAME" and "NEXT". The page value of "SAME" informs the OCX that the image will be printed on the current/default page, while the page value of "NEXT" informs the OCX to create a another page(which will become the current/default page) where the image will be printed. Only monochrome BMP files are allowed to be faxed. This images should be inside the "c:\images" directory. This method returns a value of type Long.

Ex. ret=ID1.CallFaxSendImage ("image1.bmp","SAME"); //this image will be printed on the 1st page
ret=ID1.CallFaxSendImage ("image2.bmp", "NEXT"); //this image will be printed on the 2nd page
ret=ID1.CallFaxSendImage ("image3.bmp","SAME"); //this image will be also printed on the 2nd page

4. {Long}**CallFaxSendText** ({String}**Text Message**, {String}**Page**);

-this method is used for specifying the text message to be sent and at what page it should be printed. Page values are "SAME" and "NEXT". The page value of "SAME" informs the OCX that the text message will be printed on the current/default page, while the page value of "NEXT" informs the OCX to create a another page(which will become the current/default page) where the text message will be printed. Remember, there should be a "c:\faxfont" directory and it should have the "faxfont.dat" file in it. This method returns a value of type Long.

Ex. ret=ID1.CallFaxSendText ("This is for first page", "SAME"); //this text will be printed on the 1st page
ret=ID1.CallFaxSendImage ("image1.bmp","SAME"); //add some graphics to the 1st page
ret=ID1.CallFaxSendText ("this is second page","NEXT"); //print this text on the 2nd page
ret=ID1.CallFaxSendImage ("image2.bmp","SAME"); //print some graphics also on the 2nd page

Sample Program Excerpts:

- To locally send a numeric message "911" to Fax number 8945670. The Modem is connected in COM2.

```
void Send_to_Fax(void)
{ long ret;
    ret=ID1.CallFaxCOMPort ("COM2");
    ret=ID1.CallFaxPassword ("DECISION COMPUTER");
    ret=ID1.CallFaxSettings ("8945670", 0);
    ret=ID1.CallFaxSendText ("911", "SAME");
    ret=ID1.CallFax( );
}
```

C. Receiving Fax Methods or Functions:

1. {Long}CallFaxReceiveInit ();

- this method is used to initialize the Modem for monitoring incoming fax calls. This method will activate the OCX event "RINGDetect" (this event is triggered upon the detection on an incoming fax call). Be sure to process first the CallFaxCOMPort, and CallFaxPassword methods, before issuing this method.

Ex. ret=ID1.CallFaxReceiveInit(); //initialize the modem to monitor incoming fax calls.....

2. {Long}CallFaxReceiveGo ();

- this method will activate the modem to accept and process the incoming fax call. Be sure to process first the CallFaxReceiveInit method before issuing this method. This method will automatically disconnect the line and release all resources held by the call to CallFaxReceiveGo.

Ex. ret=ID1.CallFaxReceiveGo(); //accept and process the fax message now.....

3. {Long}CallFaxReceiveTranslate ();

-this method will translate the saved fax data file to monochrome bitmap file (BMP). The file shall be saved in the "c:\images" directory as "storedfxx####.bmp", the "xx" represents the page number and the "#" represent the time & date the fax was received (e.g. stored1_10-30_02-23.bmp...the 1 specifies the page number, the 10 specifies the hour, the 30 specifies the minute, the 02 specifies the month, the 23 specifies the day). The first received page will be named as "storedf1", and the 2nd page as "storedf2".

Ex. ret=ID1.CallFaxReceiveTranslate(); //send the Fax message now.....

4. {Long}CallFaxReceiveEndInit ();

- this method is used to end the monitoring of incoming Fax initiated by the call to CallFaxReceiveInit(). Be sure to process first the CallFaxCOMPort, CallFaxReceiveInit and CallFaxPassword methods, before issuing this method. Remember, this should only be issued when you made a call to the CallFaxReceiveInit without issuing a call to CallFaxReceiveGo. This method release all resources held by the CallFaxReceiveInit.

Ex. ret=ID1. CallFaxReceiveEndInit (); //de-initialize the modem on monitoring incoming fax calls.....

Sample Program Excerpts:

- To set the computer to answer any fax calls. If a ring has been detected, the fax shall be accepted and processed, then will be converted to BMP.

```
void Receive_Fax_Message(void)
{   long ret;
    ret=ID1.CallFaxCOMPort ("COM2");
    ret=ID1.CallFaxPassword ("DECISION COMPUTER");
    ret=ID1.CallFaxReceiveInit( );
}

///some code attached to the RINGDetect event
{
    ret=ID1.CallFaxReceiveGo( );
    ret=ID1.CallFaxReceiveTranslate( );
}
```

D. Events:

1. RINGDetect

- this event is triggered upon the detection on an incoming fax call or Ring. This event should be used side by side with CallFaxReceiveGo method to accept the incoming fax call.