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Description:

Specifies the the fax boards **DMA CHANNEL** setting. For the **DMA CHANNEL**, on the TR-112 boards, you may select channels 1-3, but on the TR-114s you may use 1-3 and 5-7.

Interrupt

Description:

Specifies the the fax boards **INTERRUPT** setting. You can use interrupts 2-7 and 10-15, being sure not to conflict with anything already in the system.

LogLevel

Description:

Specifies the level of information logged in the file APPLICATION EventLog. A value of TERSE will cause the **RightFAX BoardServer Module Service** to record only critical errors, while the VERBOSE setting will record significant amounts of information which may help track down problems.

Information written to the APPLICATION EventLog is invaluable in tracking down problems. If you have a problem which you can duplicate, you should set the **LOGLEVEL** for all server programs to VERBOSE, and then go through the steps to duplicate the problem. The data stored in the various logs may help you solve the problem yourself, but if the answer is not obvious, it will greatly speed up the process of locating a Specifies the level of information logged in the file APPLICATION EventLog.

Do NOT leave this value set to VERBOSE for any length of time, as the APPLICATION EventLog can grow quite large.

Audit

Allow Auditing

Description:

You can have **RightFAX BoardServer Module Service** record a log of each incoming outgoing call either to a printer or to a file. By checking **ALLOW AUDITING**, RightFAX will enable Auditing.

See also [Audit Path](#), [Audit Level](#), [Audit InitialString](#) and [Close file between each page](#).

Audit

Level

Description:

You can have **RightFAX BoardServer Module Service** record a log of each incoming outgoing call either to a printer or to a file. There are three **LEVELS** of detail: **1**, which prints a single line summary of the call; **2**, which prints a detailed description; and **3**, which outputs a CSV (Comma Separated Values) file. Below is the format for the CSV output.

Length	Field	Name	Data Type	Max
1		Sent/Received Flag ('S' or 'R')	String	1
2		Transaction Date Stamp	MM/DD/YYYY	10
3		Transaction Time Stamp	HH:MM	5
4		Channel (0...32)	Numeric	2
5		Elapsed Time in Seconds	Numeric	5
6		SENT: Phone Number Dialed		
		RECEIVED: Routing Code (DID or DTMF)	String	31
7		Remote Fax Machine ID	String	49
8		Result in English	String	59
9		Page Record	String	79
10		SENT: To_ContactNum		
		RECEIVED: n/a	String	31
11		SENT: To_Name		
		RECEIVED: n/a	String	59
12		SENT: To_Company		
		RECEIVED: n/a	String	59
13		SENT: User ID of Person Sending Fax		
		RECEIVED: n/a	String	21
14		SENT: Billing Code 1		
		RECEIVED: n/a	String	15
15		SENT: Billing Code 2		
		RECEIVED: n/a	String	15

See also [Allow Auditing](#), [Audit InitialString](#), [Audit Path](#) and [Close file between each page](#).

Audit

Path

Description:

You can specify where the audit data should be printed in the **PATH** field. If you want output to the printer, simply enter the printer port. Otherwise, enter the name of a disk file. This file will be created if it does not exist, and new data will always be appended.

See also [Allow Auditing](#), [Audit InitialString](#), [Audit Level](#) and [Close file between each page](#).

Audit

Close file between each page

Description:

You can specify whether or not the file should be closed between **AUDIT** record page . If you are outputting to a printer, it is recommended that you check this box, to close the job between each page. Checking this will also cause one transmission history per page, whereas not checkin it, causes a whole page of transmission histories.

See also [Allow Auditing](#), [Audit Level](#), [Audit Path](#), and [Audit InitialString](#).

Audit

InitialString

Description:

You can specify an **INITIALIZATION STRING** which will be output to the Audit file at the beginning of every page. This string might specify some codes to choose a certain font or character set for the log data. To put control codes into this string, you can use the following notations:

\x## (e.g. \x1b) for a hexadecimal character value

\### (e.g. \027) for a decimal character value

^X (e.g. ^[) for a ASCII representation of a control character

See also [Allow Auditing](#), [Audit Level](#), [Audit Path](#) and [Close file between each page](#).

Beeping

Description:

If **BEEPING** is checked, then the machine where the fax boards are installed will beep whenever a call is placed or received. With a large volume, this can be an annoyance so it can be turned off. The setting has absolutely no bearing on faxing operations.

Call_Grouping (TR114 only)

Allow Grouping

Description:

When RightFAX sends a fax, it submits the fax to the **RightFAX BoardServer Module Service's** call queue. The **RightFAX BoardServer Module Service** will place the call, transmit the fax, then, if you have enabled **CALL GROUPING** (by checking the box), will check the call queue for another fax going to the same number. If it sees that another fax is scheduled to go to that same number, it keeps the line open and transmits the second fax. This saves you the time required to dial the number and connect the line.

See also [Max Group](#).

Call_Grouping (TR114 only)

Max Group

Description:

In conjunction with [Allow Grouping](#), this lets you set the **MAXIMUM** number of **PAGES** that RightFAX will send to one phone number before hanging up and sending another set of faxes. Choose a number between 1 and 256. Default value is 50.

TTI Information

Fax ID

Description:

The **FAX ID** is the ID transmitted to a remote fax machine. Whenever someone sends or receives a fax to or from the fax server, they will see this ID on their fax machine. Usually, this is a company name or the general fax phone number.

See also [Allow TTI Line](#), [TTI Country](#) and [TTI Format](#).

TTI Information

Allow TTI Line

Description:

The TTI Line is an informational line that can be added to the top of every page of a fax which contains the Fax ID of the sending machine, the date and time of the transmission, and a page number and count. Fax machines normally add this line, but RightFAX can be instructed *not* to add the line, by not checking this box. We recommend that you add the line because it gives the receiver a total page count and allows the receiver to put the pages into proper order.

See also [TTI Format](#), [TTI Country](#) and [Fax ID](#).

TTI Information

Format

Description:

Changes the **FORMAT** of the date listed on the TTI line of the fax cover sheet. Possible values for the date are mm/dd/yy, and dd/mm/yyyy.

See also [TTI Country](#), [Allow TTI Line](#) and [Fax ID](#).

DID Settings

Type

Description:

For Direct Inward Dial (DID) capable fax cards, you can specify the **TYPE** of DID service (WINK or IMMEDIATE). This value is determined by your phone company when your DID service is installed. If you are not sure what values to use, contact your phone company for more information.

See also [DID Settings NumDigits](#).

DID Settings

NumDigits

Description:

For Direct Inward Dial (DID) capable fax cards, you can specify the **NUMBER OF DIGITS** (usually 3 or 4) sent before the call, and the method by which the digits are sent. This value is determined by your phone company when your DID service is installed. If you are not sure what values to use, contact your phone company for more information.

See also [DID Settings Type](#).

DMA

Description:

For the fax cards you can specify the size of the **DMA** (Direct Memory Access) buffer used to transfer data to and from the fax card. You should leave this at the default setting (512) unless you experience calls which drop directly after the training phase and have eliminated an interrupt conflict as the cause and then you can try setting it to 'None'. At this time, some AST and NEC machines and some Pentium systems with bus speeds of 8MHz or greater, are known to have **DMA** transfer problems

Country

Description:

This parameter is used to set various low level parameters. Select the **COUNTRY** in which you are located. If you do not see your country listed, choose U.S.A. for the default settings.

Restriction Codes

Example:

Restriction

This dialog allows you to set Restrictions on dialing strings. You can set the restriction to TRANSLATE the dialing string, NEVER SEND the fax, or use a specific CHANNEL

☒ Allow Restrictions to occur

Restriction number: RESTRICT 1

Restriction type: TRANSLATE

Dialing String to Match: 9,1602

Translate Dialing String to: 9

Channel to Send on: CHANNEL 1

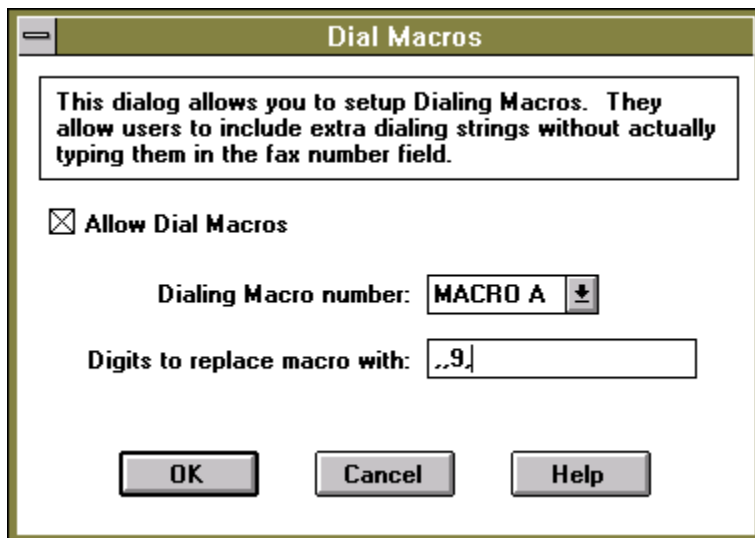
OK Cancel Help

Description:

When **Allow Restrictions to Occur** is checked, the Administrator can setup various **RESTRICTIONS** on fax numbers. RightFAX can perform certain actions when it sees a specified string of numbers. Three actions are available: **translate**, **never send**, and **specific channel**. **Translate** causes undesired phone prefixes to be translated into a desired number. In the example above, we tell RightFAX to translate any number beginning with the (602) area code into a local number (to dial in-city numbers, for example.) **Never send** tells RightFAX to abandon the call when it encounters the specified string. **Channel** tells RightFAX to use a specific channel when

Dial Macros

Example:



Dial Macros

This dialog allows you to setup Dialing Macros. They allow users to include extra dialing strings without actually typing them in the fax number field.

☒ **Allow Dial Macros**

Dialing Macro number: **MACRO A** ▾

Digits to replace macro with: **.,9,**

OK **Cancel** **Help**

Description:

When **Allow Dial Macros** is checked, the Administrator can setup various **DIAL MACROS** for fax numbers. **DIAL MACROS** allow users to include extra dialing strings without actually typing them in the fax number field. In the example, if a user entered "A321-7461" into the fax number field, RightFAX would actually dial ".,9,321-7461". Letters A through H can be used for different dialing macros

TTI Information

Quick Headers Format

Description:

Macros can be specified which expand into information specific to the fax being sent. The following macros may be used:

- ~1 To-Name field (59 characters max)
- ~2 Shortened To-Name (23 characters max)
- ~3 To-Contact Number field (31 characters max)
- ~4 To-Company field (59 characters max)
- ~5 Shortened To-Company field (23 characters max)
- ~6 BillInfo #1 (15 characters max)
- ~7 BillInfo #2 (15 characters max)

See also [Allow TTI Line](#), [TTI Format](#), [Fax ID](#), and [Quick Header](#).

TTI Information

Allow QuickHeaders

Description:

Normally, the TTI Line put on the top of all pages is a single line on which the date, time, page number, total pages, and Fax ID are placed. If this box is checked, **QUICKHEADERS** are enabled and a second line is attached. The second line, called the **QUICKHEADER**, is customizable with the [QuickHdrFmt](#) parameter. If **QUICKHEADERS** are enabled, they apply to all sent faxes and to all phone lines.

See also [Allow TTI Line](#), [TTI Format](#), and [FAX_ID](#).

ECM

Description:

You can specify whether you wish to use CCITT Error Correction Mode faxing. By checking this box, **ECM** will be enabled. Error correction can improve fax quality on a noisy phone line, but can also increase the time it takes to send the fax.

Capability

Description:

You can specify whether each channel will be Answer-Only (**Answer**), Send-Only (**Dial**), or Both Send and Receive (**Both**). Any DID (Direct Inward Dial) channel must be specified as Answer-Only (**Answer**) due to the nature of DID phone circuits.

DTMF Settings

DTMF

Description:

DTMF Routing is a method for routing faxes directly to an individual by having the caller enter a routing code on their phone. To enable **DTMF** Routing you must check the **DTMF** Box. When checked ON, this will allow you to set various parameters needed for **DTMF** Routing.

Note: If DTMF is enabled, the parameters [MinDigits](#), [MaxDigits](#), [BadDigits](#), [ToneWait](#), [Initial Tone](#) and [Initial Speech](#) should be reviewed.

DTMF Settings

Initial Speech

Description:

When DTMF routing is enabled, RightFAX can prompt callers to enter the routing code for the fax with a tone and/or voice prompt. For a voice prompt, specify the complete path of the voice file to be played. Contact RightFAX for information about recording prompts other than the default prompt (PROMPT.IPK) supplied with the system.

See also [DTMF](#), [ToneWait](#), [BadDigits](#), [Initial Tone](#), [MinDigits](#) and [MaxDigits](#).

DTMF Settings

Initial Tone

Description:

When DTMF routing is enabled, RightFAX can prompt callers to enter the routing code for the fax with a tone and/or voice prompt. For a tone prompt, specify both the tone to be played and the duration of the tone *in milliseconds*. For example, to play the 'A' tone for 1 second, enter: A 1000 as the tone parameter. You can use digits **1** through **9**, **A**, **B**, **C**, **D**, ***** and **#**.

See also [DTMF](#), [Initial Speech](#), [ToneWait](#), [BadDigits](#), [MaxDigits](#) and [MinDigits](#).

DTMF Settings

MinDigits

Description:

When DTMF routing is enabled, RightFAX can prompt callers to enter the routing code for the fax with a tone and/or voice prompt. The caller must enter a set of digits, between **MINDIGITS** and [MaxDigits](#). Specifying the minimum number of digits needed is done through the **MINDIGITS** parameter. The parameter must be supplied with a number, greater than 0, but less than or equal to the maximum number of digits the caller must enter to complete the call.

See also [DTMF](#), [Initial Tone](#), [Initial Speech](#), [ToneWait](#) and [BadDigits](#).

DTMF Settings

MaxDigits

Description:

When DTMF routing is enabled, RightFAX can prompt callers to enter the routing code for the fax with a tone and/or voice prompt. The caller must enter a set of digits, between [MinDigits](#) and **MAXDIGITS**. Specifying the maximum number of digits needed is done through the **MAXDIGITS** parameter. The parameter must be supplied with a number, greater than or equal to the minimum number of digits the caller must enter to complete the call.

See also [DTMF](#), [Initial Tone](#), [Initial Speech](#), [ToneWaita](#) and [BadDigits](#).

DTMF Settings

ToneWait

Description:

When DTMF routing is enabled, RightFAX can prompt callers to enter the routing code for the fax with a tone and/or voice prompt. The caller must enter a set of digits, the number must be between [MinDigits](#) and [MaxDigits](#), and the caller has a given amount of time to enter these digits, which is called **TONEWAIT**.

Specify the total amount of time *in milliseconds* to wait after the prompt is played for the caller to enter a routing code. For example, the value 8000 would give callers 8 seconds to enter a routing code.

See also [DTMF](#), [Initial Tone](#), [Initial Speech](#), and [BadDigits](#).

DTMF Settings

BadDigits

Description:

When DTMF routing is enabled, RightFAX can prompt callers to enter the routing code for the fax with a tone and/or voice prompt. The caller must enter a set of digits, the number must be between [MinDigits](#) and [MaxDigits](#), and the caller has a given amount of time to enter these digits, which is called [ToneWait](#).

Specify which routing code should be used if a caller doesn't enter a routing code before the time expires. In the above example, the routing code 9999 will be used if a caller doesn't enter any digits. If you don't use a fixed number of digits, then the caller must end the entry with '#' or '*'.

See also [DTMF](#), [Initial Tone](#) and [Initial Speech](#).

Select Fax Channel to Edit

Description:

Specifies the fax board channel you wish to configure in the RightFAX BoardServer Applet.

NumChannels

Description:

Specifies the number of channels you want your hardware server to use. This number should be no more than the number of channels you have licensed, but you may choose to use fewer channels.

IO Address

Description:

Must match the physical **I/O ADDRESS** set on the fax card. A listing of addresses is in the manual which comes with the fax cards.

Max Pages this Channel may Send

Description:

Specifies the **MAXIMUM NUMBER OF FAX PAGES** this channel may send, when Capability is set to SEND or BOTH and Call Grouping is disabled. For example, if one channel is authorized to send 999 pages and another channel is authorized to send 50 pages and a fax is ready to be sent. If the first fax channel withh 999 pages is not available, the fax doesn't go out until it is ready. This is used to limit users, who send large faxes, to a select number of channels.

BoardType

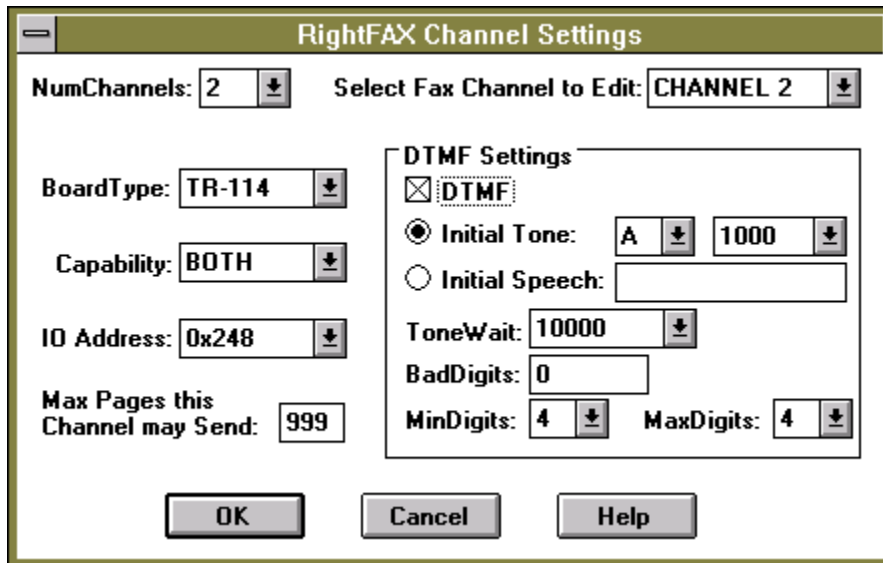
Description:

Tells RightFAX how to talk to the fax card. Choose from **TR-112**, **TR-114** and **TRUFAX**.

Channel Setup

Description:

This button allows you to goto the Channel Configuration Dialog. There you will set the channels Capability, BoardType, IO Addresses and other channel specific settings. For more help on this dialog, select one of the components on the dialog below for a more detailed description of its functions.



The image shows a Windows-style dialog box titled "RightFAX Channel Settings". It contains several configuration options for a fax channel. At the top, there are two dropdown menus: "NumChannels:" set to "2" and "Select Fax Channel to Edit:" set to "CHANNEL 2". Below these, on the left, are four more settings: "BoardType:" set to "TR-114", "Capability:" set to "BOTH", "IO Address:" set to "0x248", and "Max Pages this Channel may Send:" set to "999". On the right side, there is a section titled "DTMF Settings" which is enclosed in a smaller box. Inside this box, the "DTMF" checkbox is checked. Below it, the "Initial Tone:" radio button is selected, with "A" and "1000" as its sub-options. The "Initial Speech:" radio button is unselected. Below these are "ToneWait:" set to "10000", "BadDigits:" set to "0", and "MinDigits:" and "MaxDigits:" both set to "4". At the bottom of the dialog are three buttons: "OK", "Cancel", and "Help".

RightFAX Channel Settings

NumChannels: 2 Select Fax Channel to Edit: CHANNEL 2

BoardType: TR-114

Capability: BOTH

IO Address: 0x248

Max Pages this Channel may Send: 999

DTMF Settings

☒ DTMF

☒ Initial Tone: A 1000

☐ Initial Speech:

ToneWait: 10000

BadDigits: 0

MinDigits: 4 MaxDigits: 4

OK Cancel Help

