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The comPPage PageConnect Server Software works in conjunction with the comPPage PageConnect Client software, and Microsoft Explorer[™] web browser. In addition, it has connectivity to multiply paging transmitters attached to your local area network. Allowing paging from any computer on a LAN using Client software or your local web browser. PageConnect Server and comPPage Client software are 32-bit applications and will run on Windows[™] 98, Windows 2000, Nt and XP Pro using IP addressing for identification. PageConnect Server software performs the paging server function. Prior to installing the PageConnect Client Software, be sure PageConnect Server Software is installed and running.

REQUIREMENTS

<u>IBM compatible Operating Systems</u> MS-Window™ 98, ME, 2000, NT and XP Pro

INSTALLATION

- 1. Insert disk into CD-ROM.
- 2. The CD will auto start.
- 3. Select Install comPPage PageConnect Server Software
- 4. After installation you will be required to register the software for the program to operate correctly. Follow the steps below.
 - a. Click on the [**Register comPPage PageConnect Server**] The generate request key screen will appear. Click on the [**Generate Request Key**] to receive the code.

Register comPPage PageConnect Server	comPPage PageConnect Server Request Key
Registration This is a registered copy of comPPage PageConnect Server, with an unlimited term license. Registration Key	Please copy the following Request Key into an e-mail message addressed to sales@comppage.com, or click the Start E-Mail Client button to start your local e-mail client. Once the software license is purchased, a Registration Key will be e-mailed back to you. 23kq2^f\$
0k Generate Request Key	Start E-Mail Client

- b. Follow the instructions and Email the code to sales@comppage.com.
- c. After receiving the code, comPPage will return the **Registration Key.**
- d. Enter the registration key in the correct field and click the **[OK]** button.

Register comPPage PageConnect Server
Registration This is a registered copy of comPPage PageConnect Server, with an unlimited term license.
Registration Key 22g4+DQG+5CT83kq2^f\$
<u>O</u> k Generate Request Key

SETUP

On-Site Paging

Scope Protocol

- 1. Select [CONFIGURE], check Global Options [Log Transactions].
- 2. Select [On-Site Paging].
- 3. Select [**Scope**] control protocol
- 4. Select [Pager RF Data Rate].
- 5. Select [Communications Port] and its parameters.
- 6. Click [OK].

COMP2 – Motorola Protocol

- 1. Select [CONFIGURE], check Global Options [Log Transactions].
- 2. Select [On-Site Paging].
- 3. Select [COMP2] control protocol
- 4. Select [Pager RF Data Rate].
- 5. Select [Communications Port] and its parameters.
- 6. Click [OK].

TAP V1.8 Motorola Protocol

- 1. Select [CONFIGURE], check Global Options [Log Transactions].
- 2. Select [On-Site Paging].
- 3. Select [**TAP**] control protocol
- 4. Select [Pager RF Data Rate].
- 5. Select [Communications Port] and its parameters.
- 6. Click [OK].

Configure (Options				
General (Dn-Site Paging	Paging Services	Mail Server	Schedule	Multi-Cast
Co	ontrol Protocol:	Scope 👻			
Pager	RF Data Rate:	Scope TAP COMP2 COMP1			
	- Local Paging	Control			
	<u>C</u> om Port:	СОМ1 🔽			
	Baud:	9600 👻			
	C C	Even, 7, 1 None, 8, 1	ļ	Test	
			эк		

C	onfig	ure Reci	pients						
Г		Turce	Comico	Beek	DIN	Nama	Driaritu	Dessured	1
		туре	Service	BUUK		Name	Filony	Fassword	ок
		Text	Un Site	1	0100008	Head Nurse	N		
	ABC	Text	On Site	1	0100016	Ward Nurse	N		
	IABC	Text	On Site	1	0100024	Shift Nurse	N		
	ABC	Text	On Site	1	0100032	Wing Nurse	N		Add
	ABC	Text	On Site	1	0100040	Nurse Assistant	N		
	ABC	Text	On Site	1	0100048	Pager 6	N		
	REC	Text	E-Mail	1	abc@usa.com	Director of Services	Y		Delete
									Services
									l
									Test
1									

Recipients - Setup

Scope Protocol

- 1. Select recipient from the menu on the main screen.
- 2. Select [Add].
- 3. Select [Text, Numeric or Tone]. This selection will depend on the type of pagers.
- 4. Select [**On-Site**] service.
- 5. Select [**Book**], this is a selection for the Address Book that will be used by comPPage PageConnect Client Software.
- 6. Enter the **SEVEN** (7) digit cap code for the pager.
- 7. After the cap code, enter the desired beep type A, B, or C. If no beep type is entered the system will automatically add beep type D. ie... 0100008B. Logical Pager #1.
- 8. Enter the [**Name**] of the pager. Should be the function of the pager or name of the person assigned this pager.
- 9. Enter the **Y** or **N** for Priority. If **Y** for Yes then when more than one pager is selected, the pager with Y will be transmitted first.
- 10. If Password protection is desired, enter a Numeric or Alphanumeric 1 to 5 characters. When the pager selected that has password protection the user will be required to enter the password before the page is transmitted.
- 11. Select a pager by clicking on the pager Icon at the far left, Click on the bottom button on far right labeled TEST. This will send a test page, confirming the system is installed correctly.

Sort Pager Listing

The user has the ability to sort pager information in ascending or descending order, on any field. Once the pager information has been entered the user simply left mouse button clicks on the name of the field they wish to sort. If the **PIN field** is selected, the pagers will be sorted in numeric order. If the **name field** is selected and a staff members name has been entered, the names will be placed in alphabetic order. Once the sort is complete, it will be saved. The Client can sort the pagers information on the individual station again. However, the sort on the client station will not be saved.

Conf	igure Re	cipients					
	Туре	Service	Book	Address	Name	Priority Password	
ABC	Text	On Site	1	400	Floor Nurse		UK
ARC	Text	On Site	1	200	Nurses Assistant	N	
ARC	Text	On Site	1	100	Supervisor	N	
							Add
							Delete
							Camina
							Services
							1
							Test

Motorola COMP2 Protocol

- 1. Select recipient from the menu on the main screen.
- 2. Select [Add].
- 3. Select [Text, Numeric or Tone]. This selection will depend on the type of pagers.
- 4. Select [**On-Site**] service.
- 5. Select [**Book**], this is a selection that will be used by comPPage Enterprise Client Software.
- 6. Enter the **THREE (3)** digits of the Logical Pager number. Ie... 400 Logical Pager #400.
- 7. Enter the [**Name**] of the pager. Should be the function of the pager or name of the person assigned this pager.
- 8. Select a pager by clicking on the pager Icon at the far left, Click on the bottom button on far right labeled TEST. This will send a test page, confirming the system is installed correctly.

Motorola TAP V1.8 Protocol

- 1. Select recipient from the menu on the main screen.
- 2. Select [Add].
- 3. Select [Text, Numeric or Tone]. This selection will depend on the type of pagers.
- 4. Select [**On-Site**] service.
- 5. Select [**Book**], this is a selection that will be used by comPPage Enterprise Client software.
- 6. Enter the **THREE** (3) digits of the Logical Pager number. Ie... 400 Logical Pager #400.
- 7. Enter the [**Name**] of the pager. Should be the function of the pager or name of the person assigned this pager.
- 8. Select a pager by clicking on the pager Icon at the far left, Click on the bottom button on far right labeled TEST. This will send a test page, confirming the system is installed correctly.

Confi	gure Re	cipients					
	-						
	Туре	Service	Book	Address	Name	Priority	Password
ABC	Text	On Site	1	400	Floor Nurse	Y	
	Text	On Site	1	200	Nurses Assistant	Ν	
	Text	On Site	1	100	Supervisor	Ν	
	E-Mail	E-Mail	1	john@what.com	Maintenance	N	

E-MAIL PAGING

- 1. Select recipient from the menu on the main screen.
- 2. Select [Add].
- 3. Select [EMAIL].
- 4. EMAIL will appear in the box under service.
- 5. Select [**Book**], this is a selection that will be used by comPPage PageConnect Client software.
- 6. Enter an email address. Ie.. abc@usa.com
- 7. Enter the [**Name**] of the pager. Should be the function of the pager or name of the person assigned this pager.
- 8. Select a pager by clicking on the pager Icon at the far left, Click on the bottom button on far right labeled TEST. This will send a test page, confirming the system is installed correctly.

Mail Server Configuration

- 1. Select Configure, Mail Server.
- 2. Enter required information.
- 3. Select OK.

Configure Options				
General On-Site Paging	Paging Services	Mail Server	Schedule Mult	i-Cast
SMTP Host:	mail.usa.net			1
From Name:	comPPage, Inc.			
From Address:	wlc@comppage.com			
Subject:	comPPage PageCon	nect Server		
	🔲 Msg in Subject	Line 🕅	Priority Status	
Authentication: Leave blank if not required	User ID:	Passwo	rd:	1
	Test Mail Server	Idle		
	0	ĸ		

Off-Site Paging

This function of the software requires an active internet connection. Your paging provider must support internet paging.

SETUP

- 1. Select [CONFIGURE], select [Paging Service].
- 2. Select [Add], <u>SNPP</u> will appear in the field {type}.
- 3. In the [Service] field enter what the connection will be called.
- 4. In the [**Host**] field, enter the host value of the provider. Ie.USA Mobility 147.187.10.22
- 5. In the Msg. Length field enter [80].
- 6. Repeat steps 2-5 for each off-site paging service.
- 7. Test SNPP host with proper PIN value.
- 8. Select [OK].

Configure Options		Q	SNPP Gateway Test Message
General On-Site Paging Pag	ing Services Mail Server Host: 147.187.10.22 Max. Msg. Length: 80	Add Delete Test	Enter a test PIN: 7111553806
	ОК		

9. Assign the wide area service to one or more recipients, then Test. You may need 10 digit address values for the wide area service.

Confi	gure Re	cipients						Q
	Туре	Service	Book	Address	Name	Priority	Password	
ABC	Text	On Site	1	101120	n CNA 1 Santa Fe Trail	N		UK
ARC	Text	On Site	1	102120	n CNA Extra	N		
ARC	Text	On Site	1	103120	n CNA 1 Sunflower Lane	N		
	Text	USA Mobility	1	7111553806	n Restorative Aide	N		Add
ABC	Text	On Site	1	105120	n CNA 2 Santa Fe Trail	N		
$\overline{\mathbf{v}}$	E-Mail	E-Mail	1	curtis.rock@gmail.c	Curtis_email	N		
								Services
								Test

Schedule

Scheduling future pages from the server must be completed by the network administrator. Adding or deleting a schedule from the server can not be performed from a workstation client.

- 1. Select **Configure** from the main screen.
- 2. Click on the **Schedule tab**.
- 3. Click on Add.
- 4. In the message window, enter the message to be sent.
- 5. Select the Recipient or Group from the drop down recipient list.
- 6. Set the date by clicking on the calendar and set the time the page will be sent by moving the hand of the clock.
 - a. Hour click and hold right mouse button.
 - b. Minutes Click and hold left mouse button.
- 7. Click OK.

ecip	ient		M	lessage	,			D	ate/Time
100	Nurse		M	Ir. Jone	s Need	ls Pain	Medica	tion 07	7/27/2007 10:00 AN
	Sche	dule							
			Fri. 2	27 Jul.	2007			1	1:00 AM
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	AM	12 PM
	1	2	3	4	5	6	7	11	
	8	9	10	11	12	13	14	10,	<u></u> 2
	15	16	17	18	19	20	21		N .
	22	23	24	25	26	27	28	9 #	3 # 3
	29	30	31					8 .	[#] 4
								7	= <u>=</u> 5
	•		•		•		۶.		6
	Back	۲r	Back I	Mo F	wd Mo	F	wd Yr	Rt Click H	rs, Left Click Mins
	Se at I	t as Da this Tim	ily Ren ne, Bec	ninder, jinning	Occurri on this	ing Eve Start D	ery Day)ate		•
	Messa	age						Floor Nurse	
	Depar	tment N	deetin	9				Nurses Assis Supervisor Maintenance	ant

Configure Predefined Custom Messages

- 1. Select [CONFIGURE], [PREDEFINED MESSAGES].
- 2. Select [ADD].
- 3. Enter predefined message in top window.
- 4. Select [ADD], stores message in bottom window.
- 5. Continue 1-4 until all messages have been added.
- 6. Select [**OK**].

Configure Options		
General On-Site Paging	Paging Services Mail Server Sc	hedule Multi-
Logging	Predefined Groups/Messages	HTML Ser
Log Transactions	Predefined Recipient Groups Predefined Messages	🔲 Run HTI
Predefined Message Editi	ng	
Predefined Messages Call Home. Come to the front office. Contact the security gua You have a visitor in the	rd	<u>A</u> dd De <u>l</u> ete <u>R</u> eplace
	ОК	

Configure Predefined Recipients Groups

- 1. Select [CONFIGURE], [PREDEFINED RECIPIENTS GROUPS].
- 2. Select [ADD].
- 3. Enter Name of Group in Description column.
- 4. Select Pager name you want in the group from the second column..
- 5. When completed select [OK].

eneral	On-Site Paging	Paging Services	Mail Server	Schedule	Multi-Cast
Loggi	ng og Transactions	Predefined G	roups/Messag ecipient Groups		ML Server
ager G	roups				
Groups	r	All Pagers		Pagers	In Group
Descripti	on	Description	1	Des	cription
Main Gro	սթ	Floor Nurse	8 mm - 2	Floo	or Nurse
		🛄 Nurses Ass	sistant	Nur	ses Assistant
			314-52		
		Maintenan	ce		

Multi-Cast

The Multi-Cast feature of the comPPage PageConnect Server software will allow the user to send pages to not only the transmitter attached to the serial port of the server, but other unit(s) attached to the Local Area Network. This is **not a simul-cast**. The data will be sent **sequentially** to each **IP address**. You will need a **Ethernet to Serial adapter** for connecting the paging transmitter to the network.

- 1. Select **Configure**, click on the **Multi-Cast** tab.
- 2. Select Wide Area Multi-Cast by clicking the box.
- 3. Click on **Configure Device Servers.**
- 4. Click on Add.
- 5. Enter All required information. IP Address, and Port.
- 6. Enter Reference (optional), Select Protocol.
- 7. Click End.
- 8. Repeat step 4-7 for additional units.



Direct Configuration Connection

Configure Options	rvices Mail Server Schedule Multi-Cast	
Wide Area Multi-Cast Paging System	Address Reference Protocol TAP Address Reference Protocol TAP IP Address I68 - 192 - 2 - 20 Reference Fifth Floor Protocol TAP Add End	IP Port: 3001 Server Count: 1 Click list field to Edit or Test Add Delete Test Egit

		CONTRACTOR OF THE OWNER AND A DESCRIPTION OF	
		Ethernet to RS-232 Converter	32
F	E	Model ES1A	RS-2
L.	lernet	B.B electronics	
		5VDC	
		Reset	

HTML Paging

When the feature **HTML Server** is activated the user can create a page from any computer on the network. Simply open the Web Browser and enter the **IP address** of the computer that the comPPage PageConnect Server software is running. The IP address can be found on the Server software at the Top Left of the server main screen. When the paging page appears the user will be requested to enter a **USER NAME** and **PASSWORD**, this is an option that is set by your network administrator. The password and user id is set in the **Server Configuration file**. The network administrator can edit this file. Once the user ID and password has been entered, all **Pagers, Paging Groups** and **Pre-Set messages** will be displayed.

edule Multi-Cast	
HTML Server	
Run HTML Server	
	Password Screen
	comPPage PageConnect Client
O ca and	Please log in
Search	User ID
	Password
	edule Multi-Cast

Network Client HTML Browser Screen

comPPage PageConnect Client

Select one or more pagers, edit a message, then press SEND

Pagers	Message to Send	
Pager name here Pager 1 Group Call Group Call 2 Pager 5 Pager 6	Come to the front desk	Send
1.050 com	Predefined Messages Time Date	Clear
	Come to the front desk 🛛 Time Date	
Groups		
Main Main 2	Load Group	

View Log

- 1. Select [CONFIGURE].
- 2. Select [VIEW LOG FILE].
- 3. Each 24 hour period a new log file is automatically started. Select the Log you wish to view or print. Select Open.

TECHNICAL INFORMATION

Scope Protocol

Numeric Pagers Example serial message string transmitted from the host to the transceiver:-

N0012300A1234567890<CR>

Alphanumeric Pagers Example serial message string: A0012300A This is a message <CR>

Comp 2 or People Finder Protocol

Example Numeric serial message string transmitted from the host to the transceiver 1234A<CR>1234567890U[-] <CR>

Example Alphanumeric serial message string:-1234A<CR> This is a message <CR>

Motorola TAP V1.8 Protocol

CALLERRECEIVING STATION<CR> every 1 second unit.....ID=<ESC>PG1<CR>
<STX>1<CR>TEST<CR><ETX>190<CR>
("TEST" is the message)
("190" is the Checksum)ESC>[p<CR>
Processing-Please Wait<CR><ACK><CR>

+++,,,,,,,,ATHO<CR> Carrier Drop

Example Checksum:

The following table shows an example of a complete block containing a correct checksum which is :<STX>123<CR>ABC<CR><ETX>17;<CR>

You can use comPPage PageConnect Server as a paging message delivery system for other software applications. comPPage PageConnect Server software monitors for the existence of a file called xxxxx.dat. comPPage PageConnect Server normally monitors for xxxxx.dat in the c:\program files\comPPage PageConnect Server\Input subdirectory.

To communicate to comPPage PageConnect Server, another application would create a file ending in .DAT as a text file. Write one or more records, then close the file.

The xxxxx.dat record format is: **DESCRIPTION,MESSAGE**

Where DESCRIPTION is an ASCII string that matches either a pager or group description record in the comPPage PageConnect Server recipients data file.

If the pager is named Bill Jones in the recipients file, enter a line, such as: **Bill Jones,test message to bill's pager**

The DESCRIPTION field is not case sensitive. YOU can use upper or lower case characters. The DESCRIPTION field can cause messaging to either individual pagers or entire groups of pagers. To communicate to a group of pagers, simply define a pager group in the RECIPIENTS file then enter the pager group description in the DESCRIPTION field of the xxxxx.dat.