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# FirstPAGE Web Client V9.00

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# Version Information

# Edits

Version	Date	Author	Description
V9.00	April/2012	D. Labute	Initial Document

# **Customer Service**

#### Support Contracts

You may purchase a support contract for any of our products. Support is free for product trials and for the first 30 days of product ownership.

To view the SeQent support options, go to our web site (www.SeQent.com). To contact SeQent's Customer Support department please use the following methods.

#### Urgent Issues:

Normal Business Hours (Weekdays 9AM-5PM EST):

- 1. Dial: +1.519.652.0401
- 2. Select: Option 1

If there is no answer then please leave a voice mail message with your contact information and your call will be returned promptly.

After Hours (Weekdays 5PM-9AM EST and Weekends):

- 1. Dial: +1.519.652.0401
- 2. Select: Option 1
- 3. Listen to the on-call phone number provided
- 4. Call the indicated after hours number

If there is no answer then please leave a voice mail message with your contact information and your call will be returned promptly.

#### Non-Urgent Issues / Questions

Normal Business Hours (Weekdays 9AM-5PM EST):

- 1. E-Mail: Support@SeQent.Com
- 2. Include the following information:
  - Contact Information
  - Product Name
  - Version
  - Description of the problem being experienced

#### Location

#### **Corporate Office**

4500 Blakie Road, Suite 137 London, Ontario Canada N6L 1G5 Phone : +1.519.652.0401 Fax : +1.519.652.9275 Email: info@SeQent.com

# .1. Product Overview

SeQent's *First*PAGE is a high volume message processing engine that can be coupled with any combination of *First*PAGE auxiliary products to have messages dispatched from any application. It is easy to use in an operational setting and includes a full suite of flexible administration tools, all accessible remotely.

The *First*PAGE messaging engine is a standardized interface between personal communication devices and applications sending messages through either an internal paging service and/or external service providers. *FirstPAGE Server* maintains a database of all destinations, the addressing information of the device and the associated service provider connection information. This database can be shared with any application allowing messages to be dispatched from any part of the organization.



#### **Key Features:**

- Simple, efficient installation wizards make for easy installation
- Supports personal messaging groups (i.e. distribution lists)
- o User-friendly maintenance of Destinations and Distribution Lists
- o Unlimited messaging groups and destinations
- Detailed transaction logging
- $\circ~$  User based security, ensuring users can only modify Destinations and Distribution Lists that are assigned to them.

# How it Works

*FirstPAGE Web Client* provides its clients with the ability to allow users to send text pages to configured destinations and distribution lists directly from the FirstPAGE Web Client interface.

In addition, users can self-administer their own set of messaging destinations and personal messaging groups via a centralized web based interface to FirstPAGE Server.

Multiple FirstPAGE Servers can be configured in the application, allowing for cross-site paging. Separate security can be defined on each server ensuring users only have access to what they should have access to



# Prerequisites

Before beginning the installation, it is important to determine the hardware and software requirements necessary for FirstPAGE Web Client to run efficiently. Review the following prerequisite list before the software is installed.

Licensing	General: Per server
	<b>One of:</b> Microsoft Win2K3 (SP1+) Microsoft WinXP (SP1a+) Microsoft Win2K8 Microsoft Win2K8R2
System Requirements	Display: 800x600 Disk Space: 200MB RAM: 128MB
	Applications:
	FirstPAGE Server v9.00 or higher Microsoft Internet Information Services (IIS) v6.0 or higher Microsoft .NET Framework 2.0 Microsoft SQL Server 2008 or higher (Optional)
Drivers	TCP/IP MDAC V2.7 (SP1+)

# Installing the Application

# Windows 2003 & IIS 6.0

Before installing *FirstPAGE Web Client*, the following information must be considered:

• You must have an installed and configured copy of FirstPAGE Server running on a computer which is accessible from the computer you plan to install FirstPAGE Web Client on.

### Installing and Configuring IIS

To Install Microsoft Internet Information Services:

- 1. Launch "Add or Remove Programs" from the Control Panel.
- 2. Click the "Add/Remove Windows Components" button on the left side of the window.
- 3. Check "Application Server" and click on the "Details..." button.
- 4. Check the following items:
  - a. Application Server Console
  - b. ASP.NET
  - c. Enable Network COM+ access
  - d. Enable network DTC access
  - e. Internet Information Services (IIS)
- 5. Select "Internet Information Services (IIS) and click the "Details..." button.
- 6. Check the following items:
  - a. Common Files
  - b. Internet Information Services Manager
  - c. World Wide Web Service
- 7. Select "World Wide Web Service" and click the "Details..." button.
- 8. Check the following items:
  - a. World Wide Web Service
- 9. Click OK on all three windows to return to the Windows Components Wizard and click "Next" to perform the installation.
- 10. When the installation has completed, click "Finish" and close Add or Remove Programs.

### Installing FirstPAGE Web Client

To Install FirstPAGE Web Client:

1. Run FirstPAGE Web Client SETUP.EXE. Click Next.



2. You will be prompted for the installation destination directory.

WebClient - B9.00.04 Destination	X
Select Destination Directory Please select the directory where WebClient files are to be installed.	
"Free Disk Space After Install" is based on your current selection of fi negative number indicates that there is not enough disk space to insta the specified drive.	les to install. A Il the application to
C:\Inetpub\wwwroot\FirstPAGE\WebClient	B <u>r</u> owse
Free Disk Space After Install:	4778759 k
Current Free Disk Space:	4812072 k
< <u>B</u> ack	<u>C</u> ancel

3. Click *Finish* to complete the installation. The computer must be restarted before the *FirstPAGE Web Client* can be configured or operated.

#### Configuring IIS for FirstPAGE Web Client

To Configure IIS for use with FirstPAGE Web Client:

- 1. Open a command prompt.
- Execute the following command to enable IIS to host a .NET 2.0 application.
   a. C:\Windows\microsoft.net\framework\v2.0.50727\aspnet\_regiis -i
- 3. Execute the following command to enable the IIS Windows Authentication Provider.
  - a. cscript C:\Windows\ServicePackFiles\i386\adsutil.vbs set w3svc/NTAuthenticationProviders "NTLM"
- 4. To confirm that this command executed properly, run the following command.
  - a. cscript C:\Windows\ServicePackFiles\i386\adsutil.vbs get w3svc/NTAuthenticationProviders

- b. This command should return : NTAuthenticationProviders : (STRING) "NTLM"
- 5. Close the command prompt and open Computer Management from Start  $\rightarrow$  Control Panel  $\rightarrow$  Administrative Tools  $\rightarrow$  Computer Management
- 6. Select "Services and Applications"



8. Select "Application Pools"

🖶 Computer Management				
Bile Action View Window Help				B_×
	II.			
Computer Management (Local) System Tools Performance Logs and Alerts Device Manager Computer Manager Performance Logs and Alerts Device Manager Storage Removable Storage Disk Defragmenter Disk Management Services and Applications Telephony Services WMI Control Disk Management Disk Management Disk Management Disk Management Disk Management Million Services WMI Control Million Services WMI Control Million Services WMI Control Million Services Web Stes Web Stes Web Service Extensions	Description DefaultAppPool FPWEBADMINISTRATOR	State Running Running	Status	

 Right click in the right pane and select New → Application Pool. Enter the following information and click "OK"

Add New Application	on Pool	
Application pool ID:	FPWEBCLIENT	
Application pool setti	ngs	
⊙ Use <u>d</u> efault setti	ings for new application pool	
🔘 Use existing <u>a</u> pp	lication pool as template	
Application pool	name: DefaultAppPool	
OK	Cancel <u>H</u> elp	

- 10. Right click on the new application pool and select Properties. The Recycling, Performance and Health tabs can be left using their default values. Ensure the properties are set up as follows:
  - a. On the Identity tab select the Configurable option and enter the username which will be granted access to the FirstPAGE Server shares on the remote FirstPAGE Servers. This will require that the IIS server be in the same domain as the FirstPAGE Servers or trusted by those servers domains. This username will be used by the IIS Server for the FirstPAGE Web Client application and all network access performed by IIS will be under this authentication.

FPWEBCLIENT Properties
Recycling Performance Health Identity
Application pool identity         Select a security account for this application pool:         O Predefined
⊙ <u>C</u> onfigurable
NCTI\Administrator
Password:
OK Cancel Apply Help

b. In order for IIS to successfully authenticate this user, the user must be added to the IIS\_WPG user group. This can be done from Administrative Tools → Computer Management → System Tools → Local Users and Groups → Groups.

Additionally, security policies must be granted on the domain controller for the user utilized by the application pool. From Administrative Tools  $\rightarrow$  Domain Security Policies  $\rightarrow$  User Rights Assignment, add the user to the following policies:

- i. Adjust memory quotas for a process
- ii. Replace a process level token
- iii. Login as a service
- 11. Click the "Web Sites" folder in the IIS Administration Interface.



12. Right click the "Web Sites" folder and select New  $\rightarrow$  Website.

- 13. Ensure the Web Site properties are set as follows: a. Web Site Screen

	ecurity	HTTP Heade	rs Ci	ustom Errors	ASP.NET
Web Site	Perform	ince ISAPI I	Filters H	lome Directory	Document
-Web site ide	ntification				
De <u>s</u> cription	:	FirstPAGE Web C	lient		
<u>I</u> P address:	:	(All Unassigned)			Advanced
<u>I</u> CP port:		82	SS <u>L</u> port:		
Connections	;				
Connection	timeout:	120			
		120	seconds		
🗹 Enable I	HTTP <u>K</u> eep	Alives	seconas		
Enable I	HTTP <u>K</u> eep	Alives	seconds		
Enable I	HTTP <u>K</u> eep ogging -	Alives	seconds		
Enable I Enable I Acti <u>v</u> e Io	HTTP <u>K</u> eep ogging g format:	Alives	seconds		
Enable I Enable I Acti <u>v</u> e lo W3C Ex	HTTP Keep ogging g format: tended Loo	Alives File Format	seconds	Properties	
Enable I Enable I Acti <u>v</u> e Io W3C Ex	HTTP <u>K</u> eep ogging – g format: tended Loo	Alives	seconds	Properties	
Enable I Enable I Acti <u>v</u> e Io W3C Ex	HTTP <u>K</u> eep ogging g format: tended Loo	Alives File Format	seconds	Properties	
✓ Enable I ✓ Enable I Active Io W3C Ex	HTTP <u>K</u> eep ogging – g format: tended Loo	File Format	seconds	Properties	

WEB SITE TAB		
Change settings in the following fields, and use defaults for all others:		
Description	A text description, providing a human readable name for this website.	
TCP Port	The TCP port number that this website will run on. The suggested port number for FirstPAGE Web Client is port 82.	

Directory Decarity	HTTP Headers	Custom Errors	ASP.N
Web Site 👘 Perform	ance ISAPI Filters	Home Directo	ry Docum
The content for this re	source should come from		
۲	A <u>d</u> irectory located on this	s computer	
$\bigcirc$	A <u>s</u> hare located on anothe	er computer	
0	A redirection to a <u>U</u> RL		
Local path:	:\Inetpub\wwwroot\First	PAGE\WebCli	Browse
Script source acces	s 🔽 Log	j ⊻isits	
Read	🗹 Ind	lex this resource	
Write			
Application settings			
Application name:	FirstPAGE Web CLient		R <u>e</u> move
Starting point:	<firstpage client<="" td="" web=""><td>&gt;</td><td></td></firstpage>	>	
	Scripto and Executable		Configuration
Execute permissions:	- suddes and executable	s 💌	
Execute permissions:			Lipload
Execute <u>p</u> ermissions: Applicatio <u>n</u> pool:	FPWEBCLIENT	▼	onjoad
Execute <u>p</u> ermissions: Applicatio <u>n</u> pool:	FPWEBCLIENT	✓	onioad

Номе Directory Тав			
Change settings in the following fields, and use defaults for all others:			
Local Path	The path on the local machine to the folder where the FirstPAGE Web Client application was installed. The default install location is C:\inetpub\wwwroot\FirstPAGE\WebClient.		
Application Name	The internal name of the application that will be reported to IIS. The suggested value for this field is "FirstPAGE Web Client".		
Application Pool	The IIS application pool that this website will run under. This should be set to the application pool created in steps 8-10.		

Diroccory.	Security HTTP Hea	aders	Custom Errors	ASP.NET			
Web Site	Performance ISA	PI Filters	Home Directory	Document			
Enable	Enable default content page						
	Default.aspx		Add				
	Move <u>U</u> p	Mo <u>v</u> e D	own				
Enable	e d <u>o</u> cument footer						
Apper	id an HTML formatted foot <sup>,</sup> returns.	er to every d	ocument your web				
Apper server	id an HTML formatted foot r returns.	er to every d	Erowse				
Apper server	id an HTML formatted foot returns.	er to every d	Erowse				
Apper server	id an HTML formatted foot returns.	er to every d	Browse				
Apper servei	id an HTML formatted foot	er to every d	Browse				

DOCUMENTS TAB	
Change settings	in the following fields, and use defaults for all others:
Default	Use the "Add" button to add "Default.aspx" to this list, and
Documents List	remove all other listed entries.

d. Click the "Edit..." button in the "Authentication and access control" section of the Directory Security tab.

FirstPAGE Web Client	Properties	? 🛛
Web Site Performa Directory Security	nce ISAPI Filters Home Directory HTTP Headers Custom Errors	Documents ASP.NET
Authentication and according Enable and according Enable and authentication	ess control onymous access and edit the tion methods for this resource.	
IP address and domain Grant or d IP address	name restrictions eny access to this resource using ses or Internet domain names. Ed <u>i</u> t	
Secure communications Require se enable clie resource is	ecure communications and ont certificates when this s accessed. <u>View Certifi</u> E <u>di</u> t	ficate cate
	OK Cancel Apply	Help

e.

FirstPAGE Web Administrator Properties 🔹 💽 🔀					
Web Site         Performance         ISAPI Filters         Home Directory         Documents           Directory Security         HTTP Headers         Custom Errors         ASP.NET					
Authentication	Authentication Methods				
- IP address an	User name: IUSR_VM1W2K3SENOTSET Browse				
Secure commu Secure commu e r	Authenticated access For the following authentication methods, user name and password are required when:         - anonymous access is disabled, or         - access is restricted using NTFS access control lists         Integrated Windows authentication         Digest authentication for Windows domain servers         Bagic authentication (password is sent in clear text)         .NET Passport authentication				
	Realm: NCTI.COM Select				
	OK Cancel <u>H</u> elp				

AUTHENTICATION METHODS				
Change settings in the following fields, and use defaults for all others:				
Enable	Disable this check box.			
anonymous				
access				
Integrated	Enable this check box.			
Windows				
authentication				

norwor web odent Properties	
Web Site Performance IS	API Filters Home Directory Documer
Directory Security HTTP He	eaders Custom Errors ASP.NE
ASP.net	•
ASP.NET version:	2.0.50727
Virtual path:	FirstPAGE Web Client
File location:	C:\Inetpub\wwwroot\FirstPAGE\WebClient\v
File creation date:	4/20/2012 11:37:06 AM
File creation date: File last modified:	4/20/2012 11:37:06 AM 4/16/2012 7:33:48 PM
File creation date: File last modified: Edit <u>G</u> lobal Configuration	4/20/2012 11:37:06 AM 4/16/2012 7:33:48 PM Edit Configuration

ASP.NET TAB				
Change settings in the following fields, and use defaults for all others:				
ASP.NET version	Change this field to 2.0.50727.			

14. Once all of these changes are made, right click on the top level node of IIS, choose All Tasks, and click "Save Configuration to Disk". Once the configuration has been saved, right click on the top level node of IIS, choose All Tasks, and click "Restart IIS".



# Windows 2008 & IIS 7.0

Before installing *FirstPAGE Web Client*, the following information must be considered:

You must have an installed and configured copy of FirstPAGE Server 0 running on a computer which is accessible from the computer you plan to install FirstPAGE Web Client on.

### Installing and Configuring IIS

To Install Microsoft Internet Information Services:

- 1. Launch "Server Manager" from Control Panel  $\rightarrow$  Administrative Tools.
- Click the "Roles" node on the left side of the window.
   Click "Add Roles" on the right side of the window.

🛃 Server Manager						
Eile Action View Help						
🗇 🔿 🚺 🖬 🛛						
Server Manager (VM4W2K8R28)  Roles Features Diagnostics Roles Configuration Roles Configuration Roles Configuration Roles Configuration Confi	Roles					
	View the health of the roles ins	called on your server and add or remove roles and features.				
	Roles Summary		Roles Summary Help			
	Roles: 2 of 17 installed     File Services		Add Roles			
	Web Server (IIS)					
	• File Services		File Services Help			
	Provides technologies that help you man	age storage, enable file replication, manage shared folders, ensure fast file searching, and enable access for UNIX client con	puters			
	Role Status		Go to File Services			
	Messages: None					
	System Services: All Running					
	Events: None in the last 24 hour	s				
	Role Services: 1 installed		Add Role Services			
	Role Service	Status	B Kellove Kole bervices			
	📥 File Server	Installed				
	Distributed File System	Not installed				
	DF5 Namespaces	Not installed				
	DF5 Replication	Not installed				
	Services for Network File System	Not installed				
	Windows Search Service	Not installed				
	Windows Server 2003 File Service	s Not installed				
	A Last Refresh: Today at 1:14 PM Config	ire refresh	<u> </u>			
1	Jet carrier out and a comp					

4. Check the following items:

Add Role Services		×
Select Role Service	ces	
Role Services Confirmation Progress Results	Select the role services to install for Web Server (IIS): Role services:	Description: Web Server provides support for HTML Web sites and optional support for ASP.NET, ASP, and Web server extensions. You can use the Web Server to host an internal or external Web site or to provide an environment for developers to create Web-based applications.
	< <u>P</u> revious	Next > Install Cancel

- a. Web Server
  - i. Common HTTP Features
    - 1. Static Content
    - 2. Default Document
    - 3. Directory Browsing
    - 4. HTTP Errors
    - 5. HTTP Redirection
  - ii. Application Development
    - 1. ASP.NET
    - 2. .NET Extensibility
       3. ISAPI Extensions

    - 4. ISAPI Filters
    - 5. Server Side Includes
  - iii. Health and Diagnostics
    - 1. HTTP Logging
    - 2. Logging Tools
    - 3. Request Monitor
    - 4. Tracing
    - 5. Custom Logging
    - 6. ODBC Logging
  - iv. Security

    - Basic Authentication
       Windows Authentication
       Request Filtering
  - v. Management Tools

- 1. IIS Management Console
- 2. IIS Management Scripts and Tools
- 3. IIS 6 Management Compatibility (All options)
- vi. IIS Hostable Web Core
- 5. Click "Next" to perform the installation.
- 6. When the installation has completed, click "Finish".

### Installing FirstPAGE Web Client

To Install FirstPAGE Web Client:

1. Run FirstPAGE Web Client SETUP.EXE. Click Next.

FirstPAGE - WebClient - B9.00.04 Installation 🛛 🛛 🗙
Welcome! This installation program now will install:
FirstPAGE - WebClient
Press the Continue button to start the installation. You can press the Cancel button now if you do not want to perform the installation at this time.
Next> Cancel

2. You will be prompted for the installation destination directory.



3. Click *Finish* to complete the installation. The computer must be restarted before the *FirstPAGE Web Client* can be configured or operated.

## Configuring IIS for FirstPAGE Web Client

To Configure IIS for use with FirstPAGE Web Client:

- 1. Open a command prompt.
- Execute the following command to enable IIS to host a .NET 2.0 application.
   a. C:\Windows\microsoft.net\framework\v2.0.50727\aspnet\_regiis -i
- 3. Execute the following command to enable the IIS Windows Authentication Provider.
  - a. cscript C:\inetpub\AdminScripts\adsutil.vbs set w3svc/NTAuthenticationProviders "NTLM"
- 4. To confirm that this command executed properly, run the following command.
  - a. cscript C:\ inetpub\AdminScripts \adsutil.vbs get
    - $w3svc/NTAuthentication {\it Providers}$
  - b. This command should return : NTAuthenticationProviders : (STRING) "NTLM"
- Close the command prompt and open Internet Information Services (IIS) Manager from Start → Control Panel → Administrative Tools → Internet Information Services (IIS) Manager
- 6. Expand the current server in the Tree View.



7. Select "Application Pools"

Internet Information Servi	ces (115) Manager						/
() VM4W2K8F     () VM4W2K8F     ()	R28 🕨 Application Pools						
<u>F</u> ile <u>V</u> iew <u>H</u> elp							
Eile View Help Connections Start Page VM4W2K8R28 (VM4W2K8 Start Page Start Page Star	Applicati This page lets you view isolation among differen Filter: Name A Classic .NET App Classic .NET App PopeaukAppPod PPWEBADMINIST	on Pools and manage the list of applic it applications. The Magnetic status Status Status Stated V2.0 Started V2.0 Started V2.0	ation pools on the ser w <u>A</u> ll Group by: No Managed Pipeli Classic Integrated Integrated	ver. Application pools ) Grouping Identity Administrator Administrator Administrator	are associated with worker p Applications 0 1 1 1	vrocesses, contain one or more applic	ations, and provide
	Features View	ontent View					
Ready							

8. Right click in the right pane and select Add Application Pool. Enter the following information and click "OK"

Add Application Pool	? ×
Name:	
.NET <u>F</u> ramework version:	
.NET Framework v2.0.50727	•
Managed pipeline mode: Integrated	
Start application pool immediately	
OK Cano	el

ADD APPLICATION POOL		
Change settings in the following fields, and use defaults for all others:		
Name	The name of the application pool that FirstPAGE Web Client will run on. This value should be set to "FPWEBADMINISTRATOR".	
.NET Framework Version	The version of the .NET framework that this application pool will use. V2.0.50727 must be used for FirstPAGE Web Client.	

9. Select the new application pool and select the action "Set Application Pool Defaults" from the right pane.

O 3 M4W2K8F	128   Application Pools	😐 🖂 👔 I 🕑 👻
Eile ⊻iew <u>H</u> elp		
Ele View Help Connections Connections Start Page Start Page Start	Application Pools     Application Pools     Application Pools     The page lets you view and manage the list of application pools on the server. Application pools are associated with worker processes, contain one or more applications, and provide     sociation among different applications.     Set the de     Set th	Actions Actions Add Application Pool Set Application Pool Defaults Austraction for all application pools. Start Configuration for all application pools. Start Configuration for all application pools. Start Star
۹	Features View	

If you are using a 64-bit OS, change the "Enable 32-Bit Applications" option to True.
 Select the "Browse "..."" button beside the identity field:

-	<u>Y</u>
∃ (General)	
NET Framework Version	v2.0
Managed Pipeline Mode	Integrated
Oueue Length	1000
Start Automatically	True
E CPU	
Limit	0
Limit Action	NoAction
Limit Interval (minutes)	5
Processor Affinity Enabled	False
Processor Affinity Mask	4294967295
Process Model	
Identity	LocalService
Idle Time-out (minutes)	20
Load User Profile	False
Maximum Worker Processes	1
Ping Enabled	True
Ping Maximum Response Time (second	90
Ping Period (seconds)	30
Shutdown Time Limit (seconds)	90
	90
Startup Time Limit (seconds)	20
Startup Time Limit (seconds) Process Orphaning	
Startup Time Limit (seconds) Process Orphaning Enabled	False

12. Select the "Custom account" option and enter a domain user to be used for share access permissions for the Application directory and database shares on remote FirstPAGE Servers. Enter the username which will be granted access to the FirstPAGE Server shares on the remote FirstPAGE Servers. This will require that the IIS server be in the same domain as the FirstPAGE Servers or trusted by those servers domains. This username will be used by the IIS Server for the FP WebAdministrator application and all network access performed by IIS will be under this authentication.

In order for IIS to successfully authenticate this user, the user must be added to the IIS\_WPG user group.

Additionally, security policies must be granted on the domain controller for the user utilized by the application pool. From Administrative Tools  $\rightarrow$  Domain Security Policies  $\rightarrow$  User Rights Assignent, add the user to the following policies:

- a. Adjust memory quotas for a process
- b. Replace a process level token
- c. Login as a service

Application Pool Identity		?
Built-in account:		
LocalService	•	
C Custom account:		
		Set
,		
	ОК	Cancel
iet Credentials	? ×	
User name:		
administrator		
Password:		
•••••		
Confirm password:		
•••••		
ОК	Cancel	

- 13. Click "OK" to return to the main IIS administration screen.
- 14. Click the "Sites" folder in the IIS administration interface.

15. Right click "Sites" folder and select "Add Website"
---

laa web sice	1 A
Site name: Application pool: DefaultAppPool	Select
Content Directory Physical path: Pass-through authentication Connect as Test Settings	
Binding          Image: IP address: Port:         http       All Unassigned         Host name:         Example: www.contoso.com or marketing.contoso.com	
Start Web site immediately	Cancel

- 16. Enter the Site name as "FPWEBCLIENT"
- 17. Select the "FPWEBCLIENT" Application pool.
- 18. Browse the "Physical path" to select the directory where FirstPAGE Web Client was installed.
- 19. Set the Port to a number of your choice. The recommended port number for FirstPAGE Web Client is port 82.
- 20. Enter the "Host name" as appropriate.
- 21. Click OK to create the website
- 22. Select the top level node of IIS and double click "Authentication" in the right pane.
- 23. Right click "Windows Authentication" and choose "Enable".24. Once all of these changes are made, select the top level node of IIS and choose "Restart" from the right pane.



# Setting up the Application

Before you can begin using *FirstPAGE Web Client*, you must add at least one Server to the administrator. Once the Server is added, various settings that control the interface to the Server must be configured. The steps required include:

- 1. Adding a Server
- 2. Adding a Destination
- 3. Adding Distribution Lists

### Configuring Key Components - Server

### Adding a Server

*FirstPAGE Web Client* allows multiple servers to be added and maintained from your *FirstPAGE Web Client*.

New Server Steps

 After installing and restarting your computer, open the web browser of your choice and navigate to http://iisserver:(Website Properties Port Number)/Default.aspx?adminuser=1 (eg http://lab14:82/ Default.aspx?adminuser=1)

Firefox <b>*</b>			
FirstPAGE Web Client +			
vm1w2k3se3:82/admin/main.aspx	∰ ⊽ C <sup>4</sup>	🚽 - Google 🛛 🔎	▲ ■
FirstPAGE Web Client		Real-Time Decision	n t
🖆 New   🖶 Save   🗙 Delete   Home   About			
FirstPAGE Servers Details			
Server			
Description:			
Host Name:			
Port:	✓ Default server		
×			



2. Select the *FirstPAGE Servers* icon in the tree view. Click the *New* button in the right hand pane. The right hand pane will change to show the *Details* tab. The *Details* tab defines the connection from the *FirstPAGE Server* to the *FirstPAGE Web Client* allowing it to maintain a server.

Firefox					
<pre></pre>	&sid=0&tab=1		☆ ≂ C	! <mark>}</mark> - Google	۶ 🔒 🛃
FirstPAGE Web Clie	nt			Se	ecision Solutions
🚈 New   🖶 Save   🗙 Delete   Home	About				
GFirstPAGE Servers	Details				
	Description: Host Name:				
	Port:	ult server			

DETAILS TAB	
Server	
Description	Any text the administrator wishes to refer to the server as. This field is optional
Host Name	A TCP/IP resolvable name which must be in your DNS server or local host file and can be reached from the Administrator workstation
Port	The port number that FirstPAGE Server is running at on the specified machine. The default port number for FirstPAGE Server is 8003.
Default Server	Set this server as the default server that is used when the application starts up.

3. After completing the details tab, click on the *Save* button in the toolbar to add the server to the tree view.

FirstPAGE Web Client				
Vm1w2k3se3:82/admin/main.aspx?vt=16	ISIG=Ucctab=1		∑ V C Sogle	
FirstPAGE Web Clien	t		See C	ent sion Solutions
🊈 New   🖶 Save   🗙 Delete   Home   Ab	oout			
SFirstPAGE Servers	Details			
	Server			
	Description:	Dan's FPS		
	Host Name:	vm1w2k3se3		
	Port:	V Default server		
<b>₽</b> • ×				

# .4. Using FirstPAGE Web Client

# Using FirstPAGE Web Client Tree View

The FirstPAGE Web Client user interface is conveniently displayed in a tree view. The Server, when expanded, shows folders for Destinations and Distribution Lists. They enable the user to add information about the destinations and will serve as shortcuts to already configured Destinations and Distribution Lists, allowing the user to quickly locate this information.

The *Distribution Lists* folder also contains a *Destinations* folder which contains the destinations included under each particular list.

There are many features that make using FirstPAGE Web Client easier and more effective that include:

- o Sending messages to destinations or distribution lists
- Viewing the Details of Tree View Items
- Creating Personal Destinations
- Creating Personal Distribution Lists
- Creating Recurrence Items
- Creating Common Messages
- Paging to a different FirstPAGE Server
- Setting up a personal signature

### Sending Messages

1. To send a message in FirstPAGE Web Client, click on the "New Message" button in the toolbar. This will open the New Message Window.



2. <u>Click the "To" button to launch the destination selection window.</u>

Wessage - Mozilla Firefox	
vm1w2k3se3:82/message/message.aspx?init=1	☆
루 Send   🤍 Address Book   🦨 Check Names   🌱 Spelling   🚈 Common	Messages
То:	
Signature	
Honor Schedule     Auto Spell Check	
₩ <b>-</b> ×	

- 3. Choose the type of messaging destination to view via the dropbox at the top of the window.
- 4. Select the destinations you wish to page by clicking their name in the left hand pane, and then clicking the "Add" button to move them to the right pane.

5. When you are finished choosing destinations, click the "Save" button to return to the New Message screen.

Select Names - Mozilla Firefo	x C
vm1w2k3se3:82/message,	/addressbook.aspx?init=1&to=
Public Destinations Available Recipients A_AFTERNOONONLY A_MORNINGONLY A_NIGHTSONLY BAD_EMAIL BURNS,SCOTT	Message Recipients
BURNS,SCOTT_PHONE DUNBAR,JAY DUNBAR,JAY_EMAIL LABUTE,DAN_PHONE MSACCESS1_1 MSACCESS1_2 MSACCESS1_3 MSACCESS1_3 MSACCESS1_4 MSACCESS1_5	Add> < Remove
MBACCES52_1	Save Cancel

6. Type the message you wish to send in the message field at the bottom of the window.

7. When you are ready to send the message, press the "Send" button in the toolbar.

🕘 Message - Mozilla Firefox 💷 💷	×
vm1w2k3se3:82/message/message.aspx?reload=1	☆
ᄛ Send   🤍 Address Book   🌬 Check Names   🌳 Spelling   🕍 Common Messages	
To: LABUTE,DAN;	
Signature	
Honor Schedule	
This is a best measure from SimtDACE Web Client	
	<b>☆ ⊠</b> ⊷

NEW MESSAGE WIN	DOW
Buttons	
Send	Sends the text entered in the message field to the destinations specified in the To field.
Address Book	Opens a new window containing a list of all paging destinations on the current server.
Check Names	Checks the contents of the To field to ensure all destination names are valid.
Spelling	Opens a new window to perform a spell check of any text in the message field.
Common Messages	Opens a new window allowing the user to select from the list of configured Common Messages to insert into the message field.
То	Opens a new window allowing the user to select the destinations or distribution lists to send the message to.
Signature	If checked, the user's personal signature will be appended to the message before sending.
Honor Schedule	If checked, FirstPAGE Web Client will check the schedules of all destinations and distribution lists in the To box to ensure that they would normally receive pages for the current time period. If a destination is outside of its schedule, they will not receive pages if this box is checked.
Auto Spell Check	If checked, the spell checker will automatically be launched prior to sending the message.

### Viewing the Details of Tree View Items

Select the item you wish to alter. The information regarding it will show up on the right hand side of the screen.

### **Creating Personal Destinations**

Personal Destinations are similar to regular FirstPAGE Destinations, but are only visible to you

- 1. Click on the Destinations folder in the left hand Tree View.
- 2. Click the "New" button in the toolbar.

Firefox <b>*</b>				
FirstPAGE Web Client - Dan's FPS	+	C New Opdated   1		
vm1w2k3se3:82/admin/main.asp>	vt=2&sid=22&tab=1</td <td></td> <td>☆ マ C Soogle</td> <td>۶ 🏦 💽</td>		☆ マ C Soogle	۶ 🏦 💽
<u>)</u>				
FirstPAGE Web C	lient			e n i
			Real-Time Dec	ision Solutions
🛅 New   🔚 Save   🗙 Delete   🥝 R	tefresh   🔞 New Message   Options   Abo	ut		
🗏 🐝 FirstPAGE Servers	Destinations			
🖃 🕡 Dan's FPS (vm1w2k3se3)				
Destinations	Name	Туре	Network ID	
DistributionLists		ALPHAPAGER	1100	
Recurrence Items		ALPHAPAGER	199	
Common Messages		ALPHAPAGER	1101	
	BAD EMAIL	EMAIL	NOSUCHADDRESS@SEQENT.COM	
	BURNS,SCOTT	EMAIL	SCOTT.BURNS@SEQENT.COM	
	BURNS,SCOTT PHONE	HANDSET	SCOTT.BURNS.PHONE@SEQENT.COM	
	@ DUNBAR, JAY	EMAIL	JAY.DUNBAR@SEQENT.COM	
	DUNBAR, JAY_EMAIL	EMAIL	JAY.DUNBAR@SEQENT.COM	
	() LABUTE, DAN	EMAIL	DAN.LABUTE@SEQENT.com	
	LABUTE, DAN_PHONE	HANDSET	DANIEL.LABUTE@GMAIL.COM	
	MSACCESS1_1	ALPHAPAGER	11	
	MSACCESS1_2	ALPHAPAGER	12	
	MSACCESS1_3	ALPHAPAGER	13	
	MSACCESS1_4	ALPHAPAGER	14	
	MSACCESS1_5	ALPHAPAGER	15	
	MSACCESS2_1	HANDSET	21	
	MSACCESS2_2	HANDSET	22	
	MSACCESS2_3	HANDSET	23	
	MSACCESS2_4	HANDSET	24	
	MSACCESS2_5	HANDSET	25	
avascript:selectNode('2', '22');	NEXTEL1	HANDSET	8169185988	
······		HANDSET	8163791635	

3. Fill in the fields for this destination. Detailed explanations of each field can be found in the table below.

FirstPAGE Web Client - Dan's FPS	+		art.com/Wtjaking cMan Updated: 10- 07 0		
vm1w2k3se3:82/admin/main.asp	vt=38</th <th>deid=0&amp;tab=1</th> <th>☆ ▼</th> <th>C Google</th> <th>۹ 🖻</th>	deid=0&tab=1	☆ ▼	C Google	۹ 🖻
irstPAGE Web C	lien	t		Sec.	Gen Decision Solutions
New   🖶 Save   🗙 Delete   🥝 R	lefresh	To New Mes	ssage   Options   About		
FirstPAGE Servers	-	Details			
Destinations		Destination			
A_AFTERNOONONLY					
A_MORNINGONLY		Name:			
BAD_EMAIL		EMail:			
BURNS,SCOTT		Time Zone:	(GMT-05:00) Eastern Time (US & Canada)	•	
BURNS,SCOTT_PHONE	E	Type:	ALPHAPAGER -		
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LABUTE, DAN_PHONE MSACCESS1_1		Coverage:		-	
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MSACCESS1_3					
MSACCESS1_4		Description			
MSACCESS2_1		Notes:			
MSACCESS2_2					
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x ck the "Save" butt the destination.	ton	in the t	toolbar when you have finished (	entering the	details
× ck the "Save" butt the destination. refox *	con	in the t	toolbar when you have finished e	entering the	details
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4.

DETAILS TAB	
Destination	
Name	The display name for this destination. This value will be the name of the destination in the tree view.
Title	(Optional) Title of the owner of the destination.
Email	(Optional) The email address of the owner of the destination.
Time Zone	The time zone that this destination is located in.
Туре	The physical type of the destination.
Provider	
Provider	The name of the provider that will be used to send messages to this destination. Contact your FirstPAGE Server admin for detail on which provider to use.
Coverage	The subset of the provider that will be used to send messages to this destination.
Network ID	The Network ID to which messages will be sent. In the case of pagers and handsets, this will be a phone number, including area code. In the case of an email destination, this will be an email address.
Description	
Notes	Enter or browse to the <i>Log Path</i> required to access the logs directory on the current FirstPAGE Server. In most cases, if the server is locally installed this path will be a drive letter based directory specification (e.g.: C:\Program Files\FirstPAGE\Server\Logs\). If the server being managed is not the local server then this path will most likely be a UNC path ( \\server\share\directory\), which provides access to the remote servers log directory. (e.g.: \\LAB1\FPServer\logs\).

### Creating Personal Distribution Lists

- 1. Click on the Distribution Lists folder in the left hand Tree View.
- 2. Click the "New" button in the toolbar.



3. Fill in the fields for this distribution list. Detailed explanations of each field can be found in the table below.



4. Click the "Save" button in the toolbar when you have finished entering the details for the distribution list.

Firefox 🔻			
FirstPAGE Web Client - Dan's FPS	+		
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		A	
FirstPAGE Web Clie	nt		ant
AGE WED CIRC			
		Real-Time Deci:	sion Solutions
🚈 New   🖶 Save   🗙 Delete   🥝 Refr	esh   🤞 New Message   Options   About		
E 💕 FirstPAGE Servers	Details		*
🖃 🕡 Dan's FPS (vm1w2k3se3)			
Destinations	Distribution List		
ContributionLists			
ALL	Name: Dan's Team		
MSACCESS	Description:		
MISACCESS1	Destinations		=
MSACCESS2			
NEXTEL	DESTINATIONS		
PRIMARY	Name	Туре	
Recurrence Items		ALPHAPAGER	
Common Messages		ALPHAPAGER	
	A_NIGHTSONLY	ALPHAPAGER	
	BAD_EMAIL	EMAIL	
		HANDSET	
		EMATI	
		EMATI	
		EMAIL	
		HANDSET	
	MSACCESS1 1	ALPHAPAGER	
	MSACCESS1 2	ALPHAPAGER	
	MSACCESS1 3	ALPHAPAGER	
	MSACCESS1_4	ALPHAPAGER	
	MSACCESS1 5	ALPHAPAGER	-
▲ • ×			

DETAILS TAB	
Distribution List	
Name	The display name for this distribution list. This value will be the name of the distribution list in the tree view.
Description	(Optional) A description of the distribution list.
Destinations	
Destinations	The list of destinations which will be part of this distribution list.

### Creating Recurrence Items

- 1. Click on the Distribution Lists folder in the left hand Tree View.
- 2. <u>Click the "New" button in the toolbar.</u>



3. Fill in the To and Message fields on the Message tab, and click the details tab. Fill in the fields on this screen to set the parameters of the recurring message. Detailed explanations of each field can be found in the table below.





4. Click the "Save" button in the toolbar when you have finished configuring the Recurrence Item.

Firefox 🔻	ma. shanghai 272 gigapianis.co	mi aters's the pick slippers?	- • ×
FirstPAGE Web Client	+ a soft pass seeing shares a	ed dice he pulls out his blanket and of	farms 21 up to the mo
wm1w2k3se3:82/admin/main.aspx?vt	t=9&rid=0&tab=1	לז ⊽ פי) 🚼 ד Google	₽ 🔒 🛃
First AGE Web Clin	ent resh   귱 New Message   Options   About		ent Ecision Solutions
■  SFirstPAGE Servers ■  QDan's FPS (vm1w2k3se3)	Message Details		
Constributions	Send Time		
Recurrence Items	Send: 05:00 PM		
Common Messages	Recurrence Pattern		
	Type:      O Daily      Weekly      Monthl	ly 🔘 Yearly	
	Every 1 day(s)		
	© Weekday		
	Range of Recurrence		
	Start: 4/30/2012		
	No end date		
	End after 1 occurence(s)		
×			ఉపడాచాపా 🔀

<b>RECURRENCE ITEMS</b>	
Message Tab	
То	List of destinations or distribution lists to send this message to.
Message	The message text to send to the specified destinations.
Details Tab	
Send Time	The time of day that the recurring message will be sent at.
<i>Recurrence Pattern</i>	The interval at which the recurring message will be sent.
Range of Recurrence	The range of dates that the recurring message will occur in.

### Creating Common Messages

1. <u>Click on the Distribution Lists folder in the left hand Tree View.</u>



2. Click the "New" button in the toolbar.



## Paging to Destinations on a different FirstPAGE Server

If you have more than one server configured in your FirstPAGE Web Client, you can switch between servers to page destinations on a different FirstPAGE Server. This can be used to achieve cross-site paging.

1. <u>Click on the "Change Server" button in the toolbar.</u>

vm1w2k3se3:82/admin/main.aspx		☆ マ פ 🚼 ד Google	۶ 🕈	
irstPAGE Web Cli	ent	See	Decision Sol	n
New   🖬 Save   🗙 Delete   🔗 Ref	resh   🗟 New Message   <u>Change Server</u>   Options   About			
□ ↓ Dan's FPS (vm1w2k3se3)	Servers			
Contractions      Contractions      Contractions	Description Host		Port	Defau
Recurrence Items	Vm1w2k	k3se3	8003	Yes

2. In the Select Server window, choose the server you wish to connect to from the dropdown list, and click the "Select" button when you are finished.

Select Server - FirstPAGE Web Client - Mozilla						
vm1w2	vm1w2k3se3:82/admin/selectserver.aspx					
Select the	e FirstPAGE server you want to open.					
Server:	Server2 •					
	Select Cancel					
<mark>ABP</mark> + ×		<b>(</b> )				

3. If security is set up on the FirstPAGE Server you are connecting to, you may be prompted for login information. Once you are successfully authenticated, the left hand tree view will change to display the newly selected server.



### Setting Up a Personal Signature

1. Click on the "Options" button in the toolbar.



3. Enable the "Append Signature to Message" option, and type your desired signature in the Signature field.

Options - Mozilla Firefox					
vm1w2k3se	3:82/system/option	s.aspx			
Security	Preferences				
Honor Sch Auto Spel Append S Signature:	nedule I Check ignature to Messa	ge			
Sent from	Dan <u>Labute</u>		th.		
<b>▲BP-</b> ×		Save	Cancel		

4. Click the "Save" button when finished. This signature can now be used when sending paged via FirstPAGE Web Client.

# Glossary

#### Administrator

Typically a GUI application, this component facilitates configuration and monitoring of a server engine. If changes are made to the server configuration the administrator notifies the engine to reload its running configuration either automatically or on user demand. An example of an administrator component is *FirstPAGE Administrator*. This administrator allows you to maintain the *FirstPAGE Server*'s engine configuration.

#### Administrator Kit

An administrator kit contains the product's administration component only. After installing this kit on a workstation you may utilize any of the features of the Administrator component.

#### Client

A client component utilizes the facilities of a standard NETCON server. Typically a GUI application, this component provides a user-friendly interface of the available services offered by the server engine. An example of a client tool would be *First*PAGE Client, which presents the user with a list of known messaging destinations and allows them to send messages to one or more destinations.

#### Coverage

The coverage property of a provider is a name assigned to reflect the geographical area that this connection to the service provider allows you to send message too. Usually for example in the case of dial-up modem connection to service providers a different phone number is provider for each city. The coverage field provides the administrator an easy method of tracking all of the different coverage areas a single provider is supporting.

#### Destination

A *FirstPAGE Server* destination is a name assigned to a messaging location to which text messages may be delivered. Ex. SCOTTS\_PAGER, KENS\_PHONE, JIMS\_EMAIL.

#### **Distribution List**

A *FirstPAGE Server* distribution list is a collection of destinations that can be sent a message with a single transaction. Similar to an e-mail distribution list a client that initiates a transaction with a distribution list will automatically send the same message to all associated destinations.

#### DSN

A DSN, Data Source Name, is the name assigned to an ODBC driver and configuration information that allows an ODBC enabled application to connect to a data source.

#### Network ID

A destination network id is the identifier the messaging network requires to remit a message to an end destination. Similar to a phone number a network id can be any number of numbers, alphabetic characters, or a combination of the two. For TAP connected providers the network id is usually a numeric value. For SMTP connected providers the network id is the devices assigned e-mail address.

#### Provider

A *FirstPAGE Server* provider is a name assigned to the configuration information required to connect to a messaging service provider.

#### Schedule

A *FirstPAGE Server* schedule is a name assigned to a set of weekday configuration rules, which define the times during which a destination may receive messages. A schedule, once defined may then be assigned to a destination over a time period.

#### Server Kit

A server kit typically contains the server engine and administrator components. In some cases a client component is also included with this kit. The server kit is usually installed on a centralized host, and one or more clients or gateways utilize this server. An example of a server kit is *FirstPAGE Server*. This kit contains the *FirstPAGE* engine, administrator and client.