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# IIS Configuration and Web Service Setup

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# **DataCollection Web Services Installation**

## Installing Internet Information Services (IIS)

To install Internet Information Services (IIS), follow the steps below:

1. Start > Control Panel > Programs and Features

Control Panel Home	Uninstall or change a program		
View installed updates	To uniontally a second solar the form the list and then aligh their	stall Channel as Banaia	
Turn Windows features on or	Organize		
off			
Install a program from the			
network	Name	Publisher	
	T-Zip 9.20 (x64 edition)	Igor Pavlov	
	Adobe Flash Player 11 ActiveX	Adobe Systems Incorporated	
	🖊 Adobe Flash Player 14 Plugin	Adobe Systems Incorporated	
	Agile.NET 6.1.0	SecureTeam Software Ltd.	
	🐲 AMD Catalyst Install Manager	Advanced Micro Devices, Inc.	
	AnyMeeting Plug-in	AnyMeeting, Inc.	
	Astaro SSL VPN Client 1.7		
	CamStudio		
	CamStudio 2.7.2	CamStudio Open Source	
	CamStudio Lossless Codec v1.5	CamStudio	
	CamStudio OSS Desktop Recorder	CamStudio Open Source Dev Te	
	CamStudio version 2.7	CamStudio Open Source	
	CardControl 2.0.9.0	SalesPad, LLC.	
	Cisco Systems VPN Client 5.0.07.0290	Cisco Systems, Inc.	
	🔾 Citrix Online Launcher	Citrix	
	👯 CodeSmith Generator 6.5.3.14838	CodeSmith Tools, LLC	
	Crystal Reports Basic for Visual Studio 2008	Business Objects	
	Crystal Reports Basic Runtime for Visual Studio 2008 (x64)	Business Objects	
	CutePDF Writer 2.8		
	DataCollection 4.0.0.13	SalesPad, LLC.	
	DataCollection Console 3.1	SalesPad, LLC.	
	DataCollection Desktop 3.1	SalesPad, LLC.	
	DataCollection Service	SalesPad, LLC.	

- 2. Click Turn Windows features on or off. The Windows Features window will appear.
- Make sure all features under Internet Information Services and Microsoft .NET Framework are selected.



4. Click **OK** to install selected Windows components, including IIS.

 To access IIS, click the Windows Start button. The Start menu/screen appears. Start typing internet information services manager in the search field and click the Internet Information Services (IIS) Manager once it appears.

Internet Information Services (IIS) M.         Image: Contract of the services of th	anager	
Eile View Help Connections SINISA-PC (SP\sinisam) Application Pools Sites	SINISA-PC Home Silver Aspectation Completion Machine Key Pages and Settings Strings Setsion State SMTP E-mail B Asp Authentic Compression Default Asp Authentic Compression Default Asp Default Set Default	Actions         Manage Server         Restart         Image Server         View Application Pools         View Application Pools         View Sites         Deploy         Export Server Package         Import Server or Site Package         Change - NET Framework Version         Image Help         Online Help
Ready	Features View 💦 Content View	 ۹ <u>۱</u> ::

### Windows Server 2012 Configuration

The following items are the minimum required items for DataCollection Web Service to run and install properly on Windows Server 2012. To change these settings, open the Server Manager > Roles and verify Web Server (IIS) is installed. View the following details and ensure all of the following items are selected on the server.

B	Add Roles and Features Wizard
Before you begin Before You Begin Installation Type Server Selection Server Roles Features Confirmation Results	Add Roles and Features Wizard  DESTINATION SERVER Bumblebee  This wizard helps you install roles, role services, or features. You determine which roles, role services, or features to install based on the computing needs of your organization, such as sharing documents, or hosting a website.  To remove roles, role services, or features: Start the Remove Roles and Features Wizard Before you continue, verify that the following tasks have been completed:  The Administrator account has a strong password Network settings, such as static IP addresses, are configured The most current security updates from Windows Update are installed If you must verify that any of the preceding prerequisites have been completed, close the wizard, complete the steps, and then run the wizard again.
	To continue, click Next.          Skip this page by default         < Previous

<b>a</b>	Add Roles and Features Wizard		_ <b>D</b> X
Select server roles	;		DESTINATION SERVER Bumblebee
Before You Begin	Select one or more roles to install on the selected server.		
Installation Type	Roles		Description
Installation Type Server Selection Server Roles Features Confirmation Results	Image: Server (IIS) (Installed)         Image: Server (IIS) (Installed)         Image: Server (Installe		Description Web Server (IIS) provides a reliable, manageable, and scalable Web application infrastructure.
	<ul> <li>Centralized SSL Certificate Support</li> <li>Client Certificate Mapping Authentication</li> <li>Digest Authentication</li> <li>IIS Client Certificate Mapping Authentication</li> <li>IP and Domain Restrictions</li> <li>URL Authorization</li> <li>Windows Authentication</li> <li>Application Development (Installed)</li> <li>.NET Extensibility 3.5 (Installed)</li> <li>Application Initialization (Installed)</li> <li>Application Initialization (Installed)</li> <li>ASP (Installed)</li> </ul>	< Previous	: Next > Install Cancel



2	Add Roles and Features Wizard		_ <b>_</b> X
Select features			DESTINATION SERVER Bumblebee
Select features Before You Begin Installation Type Server Selection Server Roles Features Confirmation Results	Select one or more features to install on the selected server.  Features	a a a a a a a a a a a a a a a a a a a	Description NET Framework 3.5 combines the power of the .NET Framework 2.0 APIs with new technologies for building applications that offer appealing user interfaces, protect your customers' personal identity information, enable seamless and secure communication, and provide the ability to model a range of business processes.
		×	
		< Previous	Next > Install Cancel

After you have selected all necessary roles and features, click the **Next** button to confirm your selection. Click the **Install** button to install selected roles and features on your server.

# Installing DataCollection Web Service

To install DataCollection Service on your computer/server follow these steps:

- 1. Find the DataCollection Service installer file and double click it.
- 2. The DataCollection Service wizard will appear. Click the **Next** button to continue.



3. Accept the licensing agreement and click **Next** to continue.

DataCollection Service Setup	×
End-User License Agreement Please read the following license agreement carefully	34567B
Software End User License Agreement	<u>^</u>
PLEASE READ THIS SOFTWARE LICENSE AGREEMENT CAREFULLY BEFORE DOWNLOADING OR USING THE SOFTWARE. BY CLICKING ON THE "I AGREE" BUTTON, OPENING THE PACKAGE, DOWNLOADING THE PRODUCT, OR USING THE EQUIPMENT THAT	
CONTAINS THIS PRODUCT, YOU ARE CONSENTING TO BE BOUND BY	Ŧ
Print Back Next Cance	el

 Next page in the wizard allows you to change the directory to which DataCollection service will be installed. SalesPad recommends accepting the default directory. Click Next to accept your changes and continue.

📸 DataCollection Service Setup	x
Destination Folder Click Next to install to the default folder or click Change to choose another.	
Install DataCollection Service to:	
C:\inetpub\wwwroot\DataCollectionService\ Change	
Back Next Cancel	]

5. The Web.Config Setup page allows customization of the web.config file (default location is C:\inetpub\wwwroot\DataCollectionService\web.config). Enter the name or IP address of the SQL Server that hosts the GP database in the database server field. Enter the name of the database in the database name field. Service name by default is DataCollection Service, but you may change it if you wish. Service Login is used for logging purposes and can be left as is.

😸 Web.Config Setup	<b>x</b>
Web.Config Setup Setup the connection string and service information in the Web.Config file.	12345678
Database server name or IP (LOCAL) Database name	
TWO Service Name	
SalesPad	
Back	Cancel
Back Next	Cancel

6. The IIS Setup page allows customization of the website that will run the

DataCollection Service.

- DataCollection Service is the default website name, but this can be changed if desired (note that the folder name from step 4 will NOT change with the website name and will have to be updated manually).
- 2. Default website port is 5501 and should only be changed if another application is using it.
- DataCollection Service uses custom application pool identity by default, although this can be changed manually later on. The credentials should have Windows and SQL Server administrator rights.
  - 1. App Pool Username Windows username with administrator privileges
  - 2. App Pool Password Windows username password
  - 3. App Pool Domain Windows domain to which app pool username belongs to

🔡 IIS Setup		
IIS Setup Setup the IIS Website.		12345678
Website Name DataCollection Service Website Port		
5501 App Pool UserName		
john.doe App Pool Password		
App Pool Domain default.lan		
	Back Ne	xt Cancel

 Click Next and the installation wizard will install the DataCollection Service. Click Finish to exit the installer.



# DataCollection Web Service Installation Check

**Note:** This section is optional. You may complete the installation of the DataCollection Service without running the installation check in this section. SalesPad advises referring to this section only for troubleshooting purposes.

To perform a DC service check:

 Using your Internet web browser navigate to http://localhost:5501/, replacing localhost with the IP address of the computer/server that is hosting the DC service. If you changed the port number during the installation, replace 5501 with the modified port number. You should be greeted with the MobileCommunicationService page and you may safely conclude that Internet Information Services (IIS) is working properly and that DataCollection Service is responding successfully to authentication requests.

(<) (2) http://localhost:5501/	P + ≥ C Ø MobileCommunicationSer ×	
MobileCommunicationService Service		
You have created a service.		
To test this service, you will need to create a client and use it to call the service. Yo	You can do this using the svcutil.exe tool from the command line with the following syntax:	
<pre>svcutil.exe http://localhost:5501/DataCollectionWebServi</pre>	rice.svc?wsdl	
You can also access the service description as a single file:		
http://localhost:5501/DataCollectionWebService.svc?sing1	(leWsdl	
This will generate a configuration file and a code file that contains the client class.	Add the two files to your client application and use the generated client class to call the Service. For exam	ple:

 Another way to check if DC service is set up and running is straight from the IIS Manager. Open up Internet Information Service (IIS) Manager, right click DataCollection Service website (name may be different depending on previous setup), Manage Web Site > Browse. This option will open up a web browser and automatically go to http://localhost:5501/. You should see the MobileCommunicationService page if the request has been successful.

😋 Internet Information Serv	ices (IIS) Manager	
	-PC	riceMultibin 🕨
File View Help		
Connections		
2		
▲ · · · · · · · · · · · · · · · · · · ·	n)	Filter: 🗣 🔐 Go 👻
Application Pools		ASP.NET
DataCollection           Image: Web Signal           Image: Web Signal	n Service	🐴 🐇 🔝
DataCollection	ServiceMultihin	.NET .NET .NET Error
A	Explore Edit Dermissions	re
2	Add Application Add Virtual Directory Edit Bindings	ASP Authentic Compression
	Manage Web Site	▶ ᡷ Restart
<b>4</b> 2	Refresh	▶ Start
×	Remove	Stop
6	Install Application From Gallery	Browse
	Deploy	Advanced Settings
	Rename	
	Switch to Content View	

#### **DataCollection Web Services Configuration**

#### Modifying Database Connection String

DataCollection Service installer will configure the DC service for you, including which SQL Server and database to use. However, sometimes it is necessary to change these values later on. Two reasons you may want to modify the web.config file are:

- You need to change the SQL Server or the database to which DC service is connecting.
- You do not wish to use custom application pool identity and would rather specify username and password directly.

# Changing SQL Server and Database

Modifying the web.config file is easy! Follow these steps:

 In the virtual folder where DC service was installed (default is C:\inetpub\wwwroot\DataCollectionService), locate the web.config file.



Right click on it and select the Edit option, then select an editor such as Notepad to edit the file. Make sure you do not select the option to always use this program to open this file type.

🚅 C:1	\inet;	pub\www.root\DataCollectionService\Web.Config - Notepad++ [Administrator]			
File	Edit	Search View Encoding Language Settings Macro Run Plugins Window ?			
0	91	2 9 ° ° 2 4 * 9 1 2 7 4 4 9 1 2 4 3 3 5 1 5 1 1 1 2 2 4 1 2 5 1 1 2 7 1			
🗎 W	Web Config				
1		<pre>&lt;1xml version="1.0" encoding="UTF-8"2&gt;</pre>			
2	2 Configuration>				
3	þ	<configsections></configsections>			
4		<section name="log4net" type="System.Configuration.IgnoreSectionfiandler"></section>			
5	ŀ	<pre></pre>			
6	Þ	<appsettings></appsettings>			
7		Kadd key="connectionString" value="server=(LOCAL);database=TWO;trusted_connection=true;Application Name=DataCollection Service.ggg"/>			
8		<add key="ngername" value="SalesPad"></add>			
9	-				
10	þ	<loginet></loginet>			
11	þ	<appender name="FileAppender" type="log4net.Appender.FileAppender"></appender>			
12		<file value="c:\temp\log-file.txt"></file>			
13		<appendtofile value="true"></appendtofile>			
14		<lockingmodel type="log4net.Appender.FileAppender+MinimalLook"></lockingmodel>			
15	þ	<layout type="log4net.Layout.PatternLayout"></layout>			
16		<conversionpattern value="%date %logger %message%newline"></conversionpattern>			
17		<pre><!--<conversionPattern value="%date [%thread] %-5level %logger [%property{NDC}] = %message%newline" /-->&gt;</pre>			
18	-				
19	-				
20	¢	<root></root>			
21		<level value="DEBUG"></level>			
22		<appender-ref ref="FileAppender"/ >			
23	-				
24					

- 2. Find the connection string section and replace the default server and database with values specific to your GP company.
- 3. Save your changes and close.

# Changing App Pool Identity

If you do NOT wish to use custom application pool identity that was set up by the installer:

- In the virtual folder where DC service was installed, locate the web.config file. Right click on it and select the Edit option, then select an editor such as Notepad to edit the file. Make sure you do not select the option to always use this program to open this file type.
- 2. Find the connection string section and set trusted\_connection option to False.
- Add user and password options right after the trusted\_connection and specify username and password that are used to log in to the SQL Server. Note that these credentials are NOT username and password set in DataCollection, but rather SQL Server login credentials.
- 4. Save your changes and close.
- 5. Open the Internet Information Services (IIS) Manager and select Application Pools on the left-hand side.

Connections	Application Pool	S e the list of appli	ration pools on	the server. Applicat	tion pools are associated with worke	r processes, contain one or more application	s, and provide isol
Jord Sites     DataCollection Service	Filter:	so - Show A	II Group by:	No Grouping	•		
Default Web Site	Name	Status	.NET Fram	Managed Pipel	Identity	Applications	
	ASP.NET 1.1	Started	v1.1	Classic	ApplicationPoolIdentity	0	
	ASP.NET v4.0	Started	v2.0	Integrated	ApplicationPoolIdentity	1	
	ASP.NET v4.0 Classic	Started	v4.0	Classic	ApplicationPoolIdentity	0	
	ASP.NET V4.0 Integrated	Started	v4.0	Integrated	ApplicationPoolIdentity	2	
	Classic .NET AppPool	Started	v4.0	Classic	ApplicationPoolIdentity	0	
	DataCollection Service	Started	v4.0	Integrated	sp.lan\sinisam	1	
	DefaultAppPool	Started	v2.0	Integrated	ApplicationPoolIdentity	2	

6. Select DataCollection Service app pool from the list on the right, right-click, and select Advanced Settings

ile View Help							
nnections SINISA-PC (SP\sinisam) Application Pools Sites Description	This page lets you	cation Pools view and manage the li • 🏔 Go • 1	ist of applica	tion pools on Group by:	the server. Applicat No Grouping	ion pools are associated with worke	r processes, contain one c
DataCollection Service     Default Web Site	Name	^	Status	.NET Fram	Managed Pipel	Identity	Applications
	ASP.NET 1.4 ASP.NET 1.40 ASP.NET 1.40 ASP.NET 1.40 Classic.NET 4.1 DataCollection DefaultAr DefaultAr	Classic Integrated ppPool Service Add Application Pool Start Start Stop Recycle Basic Settings	Started Started Started Started Started  Defaults	v1.1 v2.0 v4.0 v4.0 v4.0 v4.0 v4.0	Classic Integrated Classic Integrated Classic Integrated Integrated	ApplicationPoolIdentify ApplicationPoolIdentify ApplicationPoolIdentify ApplicationPoolIdentify ApplicationPoolIdentify splan\unixam ApplicationPoolIdentify	0 1 0 2 0 1 2
	×	Recycling Advanced Settings Rename Remove					
	0	View Applications Help					

 Advanced Settings window will open. Select the Identity option under the Process Model heading and click the ellipsis (...) button on the right.

General       v4.0         NET Framework Version       v4.0         Enable 22: 46 Applications       True         Managed Pipeline Mode       Integrated         Name       Data Collection Service         Queue Length       1000         Start Automatically       True         CPU       Init         Limit Interval (minutes)       0         Processor Affinity Enabled       False         Processor Affinity Enabled       False         Processor Affinity Tabled       False         Processor Affinity Enabled       False         Processor Affinity Enabled       False         Processor Affinity Mask       94967205         Ide Time-out (minutes)       20         Load User Profile       True         Maximum Response Time (seconds)       90         Ping Sendel (seconds)       90         Ping Sendel (seconds)       90         Shutdown Time Limit (seconds)       90         Shutdown Time Limit (seconds)       90         Process Orphaning       Integrate Protection         Executable       Integrate Protection         "Service Unavailable" Response Type       HttpLevel         Enabled       True         R	gs		? 🗙
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	ork Version ttimeVersion] Configures the application pool to loa	d a specific version of the .NET Framework. Selecting "No Managed Code" will cause all ASP.NET requests to	fail.

8. "Application Pool Identity" window will open. Select the **Built-in account** radio button and select ApplicationPoolIdentity option from the dropdown.

Application Pool Identity	? 💌
<u> <u> B</u>uilt-in account: </u>	
ApplicationPoolIdentity	•
© <u>C</u> ustom account:	
sp.lan\sinisam	<u>S</u> et
ОК	Cancel

 Click OK to accept your changes and click OK again to close the Advanced Settings window. Restart the app pool by right-clicking on it, selecting Stop, then selecting Start.

# **Creating Multiple Companies**

DataCollection Service installer will install and configure one DC service connecting to one GP company database. Running the installer again will give you an option to repair or uninstall the existing DC service, but you will NOT be able to install another instance of it.

Adding a second GP company database to DC service has to be done manually:

 In the IIS root folder (default is C:\inetpub\wwwroot), select the DataCollectionService folder, right-click and select Copy. Right-click again anywhere in the wwwroot folder



and click Paste. A copy of the DataCollectionService will be created.

At this time it is a good idea to rename the folder to something more meaningful, such as DataCollectionServiceMultibin, DataCollectionService2, or DataCollectionServiceTest.

Organize 🔻 🔚 Open 🛛 Ir	clude in library   Share with   Burr	New folder		
Favorites	Name	Date modified	Туре	Size
📕 dev	aspnet_client	5/7/2012 10:28 AM	File folder	
📃 Desktop	DataCollection.Websvc	6/16/2014 9:09 AM	File folder	
📕 Downloads	DataCollectionService	9/3/2014 9:20 AM	File folder	
🔚 Recent Places	DataCollectionServiceMultibin	9/3/2014 9:44 AM	File folder	
🖳 Computer	💿 iisstart.htm	5/1/2012 3:12 PM	Chrome HTML Do	1 KB
📤 Google Drive	尾 welcome.png	5/1/2012 3:12 PM	PNG image	181 KB
Videos Computer Local Disk (C:) MOT (G:)				
👝 Removable Disk (H:)				
Network				

2. Open the Internet Information Services (IIS) Manager, right-click on Sites and select Add Web Site



 "Add Web Site" window will open. Enter a site name (application pool will be created automatically) and for physical path select the folder from step 1. Enter a port number (for example, 5502). Click OK to create the website.

Add Web Site	? 💌
Site name:	Application pool:
DataCollectionServiceMultibin Content Directory <a href="mailto:Physical path">Physical path: C:\inetpub\wwwroot\DataCollect Pass-through authentication <a href="mailto:Connect as">C:\inetpub\wwwroot\DataCollect Pass-through authentication</a></a>	ionServiceMultibin
Binding <u>Type:</u> <u>http</u> <u>All Unassi</u> <u>H</u> ost name: <u>Example: www.contoso.com or m</u>	gned ▼ 5502
✓ Start Web site immediately	OK Cancel

4. A new app pool will automatically be created with the website, but it needs to be configured correctly. Select **Application Pools** on the left-hand side, select the newly created app pool on the right, right-click and select Advanced Settings.

Constant from				
Contractions     C	Application Pools This page lets you view and manage the Filter:	Advanced Settings           Ideneral)           .NET Framework Version           Enable 32-Bit Applications	v4.0 True	2
▶	ASP NET 1.1 ASP NET 1.1 ASP NET 1.0 ASP NET 1.0 ASP NET 1.0 Classic ASP NET 1.0 Distance of the service Dista Collection Service Data Collection Service Dista Collection Service Dista Collection Service Dista Collection Service Automatic Service Automatic Service Automatic Service Automatic Service Dista Collection Ser	Managed Pipeline Mode           Name           Queue Length           Start Automatically           CPU           Limit           Limit Action           Limit Action           Dimension           Processor Affinity Mask           Processor Affinity Mask           Braces Model           Identity           Identity	Integrated DataCollectionServiceMultibin 1000 True 0 NoAction 5 False 4294967295 ApplicationPoolIdentity 20 True 1 True 9 0 30 ********************************	on Pool

5. On the "Advanced Settings" window make sure .NET Framework Version is set to 4.0, Enable 32-Bit Applications is set to True, and Identity is set to either ApplicationPoolIdentity or custom identity. Click OK to accept your changes and close the window. 6. Select the DataCollection website under Sites and double-click the Default Document

icon under its section.	
🔄 Internet Information Services (IIS) Manager	
G SINISA-PC → Sites → DataCollect	ctionServiceMultibin 🔸
File View Help	
Connections	DataCollectionServiceMultibin Home
■	Filter:  Go -  Show All Group by: Are
<ul> <li>Sites</li> <li>DataCollection Service</li> <li>Default Web Site</li> <li>DataCollectionServiceMultibin</li> </ul>	ASP.NET .NET .NET .NET Error .NET .NET Profile Authorizat Compilation Pages Globalization
	IS ASP Authentic Compression Default Directory Browsing
	Management Configurat Web Editor Platfor

7. With DataCollection website still selected, click **Add** on the right-hand side.

省 Internet Information Services (IIS) Manager				
SINISA-PC + Sites + DataCollecti	onServiceMultibin 🕨			
File View Help				
Connections			Actions	
2	Default Do	ocument	Add	
SINISA-PC (SP\sinisam)	Use this feature to specify	Use this feature to specify the default file(s) to return when a client		
Application Pools	does not request a specifi	does not request a specific file. Set default documents in order of		
DataCollection Service	phoney.		🕜 Help	
Default Web Site	Name	Entry Type	Online Help	
DataCollectionServiceMultibin	Default.htm	Inherited		
	Default.asp	Inherited		
Add Default Document	2	Inherited		
		Innerited		
Name:		Interited		
DataCollectionWebServ	intenceu			
		_		
	OK Cancel			

- Enter DataCollectionWebService.svc into the text field and click **OK** to add the default document.
- You are done! Test the new DC service by right clicking the website, Manage Web Site > Browse. You should be greeted with a MobileCommunicationService page.

## Web Service Logging

You may enable logging for web services for troubleshooting purposes. Logging is turned off by default. SalesPad recommends leaving the logging feature set to the default setting unless you are instructed to enable it by SalesPad personnel.

The file tag inside the log4net section of the web.config file determines the path and file that will be used to write all logging output. The default output setting is C:\temp\log-file.txt



To enable logging for DataCollection Service simply open the web.config file in a text editor, such as Notepad, uncomment the two commented out sections in the log4net tag, and save the changes.

# **Configuring the Inventory Manager Service to Use an SSL Certificate**

Users can secure the Inventory Manager service with an SSL Certificate by setting up an "https" type binding for the service in IIS and selecting a certificate. In order for the handheld app to successfully connect to the secured service, users must make a modification to the service's Web.config file. Users can find the Web.config file by right-clicking the mobile service in IIS and choosing **Explore**. Once there, the line "" must be deleted or commented out, and the 3 lines directly below it starting with "" must be uncommented out by deleting the "" at the end.

56	þ	 bindings>
57	þ	<basichttpbinding></basichttpbinding>
58	þ	<pre><binding maxreceivedmessagesize="2147483647" name="CustomBasicAuth"></binding></pre>
59		<security mode="None" / >
60	¢.	<security mode="Transport"></security>
61		<transport clientcredentialtype="None"></transport>
62	-	
63	-	
64	-	
65	F	
66	¢	   

# Configuring IIS To Run 32-bit Applications On 64-bit Windows (IIS 6.0)

**Note from Microsoft**: Windows Server 2003TM, Service Pack 1 enables IIS 6.0 to run 32bit Web applications on 64-bit Windows using the Windows-32-on-Windows-64 (WOW64) compatibility layer. IIS 6.0 using WOW64 is intended to run 32-bit personal productivity applications needed by software developers and administrators, including 32-bit Internet Information Services (IIS) Web applications.

To enable IIS 6.0 to run 32-bit applications on 64-bit Windows:

- 1. Open a Command Prompt and navigate to the %systemdrive%\inetpub\AdminScripts directory.
- Type the following command: cscript.exe adsutil.vbs set W3SVC/AppPools/Enable32BitAppOnWin64 "true"
- 3. Press Enter.

# .NET Compact Framework Installation

DataCollection Mobile requires a constant connection to a wireless network, which will need to be configured and connected prior to installing DataCollection Mobile software. DC Mobile requires at least .NET CF 3.5.

If you currently have the latest version of CF installed on your mobile device, skip down to the DataCollection Mobile Installation (CF version can be checked by tapping the \Windows\cgacutil file).

To install .NET CF 3.5 on your mobile computer:

- 1. Copy the "CAB installer" file to your mobile computer
  - 1. Connect your mobile computer's cradle to your PC.

**Note:** Depending on your version of Microsoft Windows and the brand and model of your mobile computer, you may need to install device drivers to establish communication between your mobile computer and your PC. Most devices have plug-and-play capabilities and will automatically install any device drivers needed. If your mobile computer cannot connect to your PC or you do not own a cradle, please contact your handheld's manufacturer for assistance regarding transferring files to your device. You may also use freeware utilities such as Microsoft ActiveSync, Windows Mobile Device Center, and MyMobiler to manage your connection.

- 2. On your PC, navigate to Start > My Computer.
- 3. Find your portable device under the list for Portable Devices.



- 4. Double click on your portable device and navigate to its root drive.
- 5. Copy and paste the CAB installer file to the root of the drive.



- 2. To install Microsoft .NET CF 3.5, complete the following steps:
  - 1. On your mobile computer, tap the **Start** button then select the Programs option.
  - 2. Find the File Explorer option and double tap on it.
  - 3. Find the CAB file that you copied to this directory.
  - 4. Double tap the CAB file to initiate the setup process.

# **DataCollection Mobile Installation**

To install DataCollection Mobile on your mobile computer please follow the instructions below:

- 1. If you are not upgrading your version of DataCollection Mobile, skip step 2.
- Remove the current version of DataCollection Mobile by completing the following steps:
  - 1. Tap the **Start** button then select the Programs option.
  - 2. Find the Remove Programs option and double tap on it.
  - 3. The "Remove Programs" screen appears. Select SalesPad DataCollection from the list and tap the **Remove** button.

🎊 Settings	<b>#</b> # <b>◄</b> € 9:	39 <b>o</b> b
Remove Programs		
Programs in storage memo	ry:	
Demos 3.25 PPC PowerTools 3.25 PPC SalesPact DataCollection Microsoft .NET CF 2.0 Svc Pack SP_713_02 SyWMS386 PPC03 802 Microsoft .NET CF 1.0 SDKRT_111 PPC Microsoft .NET CF 2.0	n ENU-String 2.11b Drive ENU-String	≡ r ▼
	Rem	iove
Total storage memory ava	ilable: 1	1848k
Adjust memory allocation.		
		-

- 4. Select **Yes** when the confirmation screen appears.
- 5. Tap the **OK** button when the 'Uninstall Complete' screen appears.
- 6. Tap the **OK** button again to exit the Remove Programs screen.
- 7. Tap the **X** button to close the Settings screen and return to the desktop.
- 3. Copy the CAB installer file to your mobile computer.
  - 1. Connect your mobile computer's cradle to your PC.
  - 2. On your PC, navigate to Start > My Computer.
  - 3. Find your portable device under the list for Portable Devices.
  - 4. Double click on your portable device and navigate to its root drive.
  - 5. Copy and paste the CAB installer file to the root of the drive.



4. To install DataCollection Mobile complete the following steps:

- 1. On your mobile computer, tap the **Start** button then select the Programs option
- 2. Find the File Explorer option and double tap on it.
- 3. Find the CAB file you copied previously.
- 4. Double tap the CAB file to initiate the setup process.
- Using File Explorer, navigate to Program Files > DataCollection and double tap on the DataCollection program to launch it.
- The "DataCollection" sign on screen appears. If no web service connections exist you
  will be automatically routed to the setup screen where you can enter your
  connection information.

# **DataCollection Mobile Configuration**

To set up DataCollection Mobile:

1. From the DataCollection sign on screen, tap on the **Settings** button. The **Settings** screen appears.

🐴 DataColle	ction	<mark>,</mark> ∰ T <sub>X</sub> ∉× ok
🛄 Settings		
ConnectionNa GP2013-TWO Enter name of the DataCollection 10.23.1.51:55 Enter server addre http://ServerIP:80 Service type:	me: connection Server: 501/SalesPa ss including por 80	+ ad.DataCollectio
Windows	() IIS	⊖ Custom
ID	Save	Delete
		4.0.0.13
OK		Cancel

- 2. Tap on the + button and enter a connection name.
- 3. In the DataCollection Server text box, enter the IP address of the server running the Data Collection service followed by the port number (default is 5501).
- 4. For service type select either Windows, IIS, or custom:
  - Selecting the Windows radio button tells DC to automatically append the default suffix to the server URL for this connection type. Select this option if you are running DC service from the DC Console.
  - 2. Selecting the **IIS** radio button tells DC not to append a suffix to the server URL for this connection type. Select this option if you are running DC service from

a website hosted on IIS.

- Selecting the **Custom** radio button tells DC not to modify the server URL in any way. Select custom if you have modified the service URL and it now differs from the default one.
- 5. Tap the **Save** button. Tap the **OK** button to exit the Settings screen and return to the sign on screen.