

# GateLink10 Installation Guide 10.0.10.x

PUD4259R2-0 Version 1.1

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#### **Document Overview**

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This guide describes how to install GateLink onto a server. It is meant to be used by IT personnel who have either direct or remote access to the server where GateLink will be installed. When you are finished with the steps presented in this guide, GateLink will be ready for configuration by box office personnel.

This guide was written under the conditions listed below. If the conditions on your server are different, the images may not be accurate and step orders may vary slightly. However, the overall process will remain the same..

- GateLink is being installed onto the same machine as the SQL database.
- · Default installation locations are used.
- The server is running Windows Server 2012.
- The server is using Microsoft SQL Server 2012.
- The server is using Microsoft SQL Server Management Studio 2012.

**IMPORTANT** You must have administrator privileges on your machine to complete the installation.

#### Support

For installation support, contact Alvarado Entertainment Support:

Email: <a href="mailto:support@alvaradomfg.com">support@alvaradomfg.com</a>

Phone: 909-591-8431

### **Before You Begin**

#### **Server Requirements**

- Operating System: Alvarado recommends Windows Server 2012 or higher.
- Minimum CPU: 64-bit 2.0 GHz dual-core
- Minimum RAM: 16 GB
- Disk Space: Alvarado recommends 40 GB or more.

#### **Software Prerequisites**

IMPORTANT

Install and configure **all** the following software items on your machine **before** starting the installation process.

The following software must be installed on your computer before you begin the installation process.

- .NET Framework 4.0 (or higher)
- Current version of C++ Redistributable
- Microsoft Web Deploy (See Appendix 3 on page 53 if you are using Web Deploy 3.5 or higher.)
- IIS Roles (installed by default on Windows and Windows Server operating systems)
- Microsoft ODBC Driver 11 for SQL Server

NOTE

If the SQL database will live on a different machine than the GateLink services computer, the ODBC driver must be installed on both machines.

#### **Required Files**

The following files will be used during the installation process. Have them available on your server before beginning the installation process.

- SQL Server installation files or installation disk
- SQL Server Management Studio installation files (if using an express version of Microsoft SQL)
- *GLinkInstall\_10\_0\_10\_X.exe* File provided by Alvarado.
- *GLinkSite\_10\_0\_10\_X.zip* File provided by Alvarado.

#### **Install IIS Roles**

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- 1. Click Start and click Server Manager.
- 2. Click Manage and select Add Roles and Features.



- 3. Click **Next** to go to the *Installation Type* page.
- 4. Select Role-based or feature-based installation and click Next to go to the Server Selection page.
- 5. Make an appropriate choice on the *Server Selection* page based on your server's setup and click **Next** to go to the *Server Roles* page.

NOTE

For most installations, you can leave **Select a server from the server pool** selected, highlight your server in the *Server Pool* list, and click **Next**.

6. Check the box for **Web Server (IIS)** and click **Next**. Click **Add Features** when prompted to add required management tools.



- 7. Click Next until you get to the Role Services page. Check the boxes for the following options.
- Web Server

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- Common HTTP Features
  - ✓ Default Document
  - ✓ Directory Browsing
  - ✓ HTTP Errors
  - ✓ Static Content
- $\circ~$  Health and Diagnostics
  - ✓ Http Logging
  - ✓ Request Monitor
- Performance
  - ✓ Static Content Compression
- Security
  - ✓ Request Filtering
- Application Development
  - ✓ .NET Extensibility
  - ✓ ASP.NET (always install at least version 4.5)
  - ✓ ISAPI Extensions
  - ✓ ISAPI Filters
- Management Tools
  - ✓ IIS Management Console
  - ✓ Management Service
- 8. Click Next.

9. Click Install. Close the Server Manager when the installation is complete.



Follow the steps below to verify IIS is working properly.

1. Open a web browser.

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- 2. Type http://localhost into the address bar and press Enter.
- 3. Verify the browser displays the IIS screen, shown below.



NOTE

#### Install the GateLink SQL Instance

1. Run the SQL installer.

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2. Click Installation and click New SQL Server stand-alone installation or add features to an existing installation.



- 3. The application will test your system. Click **OK** when it's finished or, if necessary, follow the installer's recommended steps to resolve any issues and run the installer again.
- 4. Accept defaults and click **Next** until you reach the Feature Selection page. Ensure the following boxes are checked.
  - ✓ Database Engine Services
  - ✓ Client Tools Connectivity
  - ✓ Management Tools Basic
  - ✓ Management Tools Complete

- 5. Click Next until you reach the Instance Configuration page and make the following changes.
  - a. Enter GATELINK10 for Named instance and press Tab.
  - B. Verify GATELINK10 is also entered for Instance ID.

Specify the name and instanc	e ID for the instance of S0	QL Server. Instance ID	becomes part of th	ne installation path.	
Setup Support Rules	O Default instance				
Installation Type	Named instance:	GATELINK10			
Product Key					
icense Lerms					
etup Kole	Instance <u>I</u> D:	GATELINK10			
stallation Rules	Instance root director	y: C:\Program Files\I	Microsoft SQL Serv	er\	
lisk Space Requirements	COL Con	C) Deserves Files) A	Kanan ( CO) Cana	AMECOLI 1 CATELINI	K10
Disk Space Requirements erver Configuration Database Engine Configuration	SQL Server directory: Installed instances:	C:\Program Files\N	Aicrosoft SQL Serve	er\MSSQL11.GATELIN	К10
Disk Space Requirements Server Configuration Natabase Engine Configuration rror Reporting	SQL Server directory: Installed instances: Instance Name	C:\Program Files\M	Aicrosoft SQL Serve	er\MSSQL11.GATELIN	K10 Version
isk Space Requirements erver Configuration batabase Engine Configuration rror Reporting nstallation Configuration Rules	SQL Server directory: Installed instances: Instance Name MSSQLSERVER	C:\Program Files\N Instance ID MSSQL11.MSSQLS	/licrosoft SQL Serve Features SQLEngine	er\MSSQL11.GATELIN Edition Developer	Version 11.0.2100.60
Iisk Space Requirements erver Configuration Iatabase Engine Configuration rror Reporting sstallation Configuration Rules eady to Install	SQL Server directory: Installed instances: Instance Name MSSQLSERVER <shared compone<="" td=""><td>C:\Program Files\N Instance ID MSSQL11.MSSQLS</td><td>Aicrosoft SQL Serve Features SQLEngine SSMS, Conn</td><td>Edition Developer</td><td>K10 Version 11.0.2100.60 11.0.2100.60</td></shared>	C:\Program Files\N Instance ID MSSQL11.MSSQLS	Aicrosoft SQL Serve Features SQLEngine SSMS, Conn	Edition Developer	K10 Version 11.0.2100.60 11.0.2100.60

- 6. Click Next until you reach the Database Engine Configuration page and make the following changes.
  - a. Select **Mixed Mode**, enter a password for the *sa* account to use. Use your local password policies to create a password for this field.
  - b. Click Add Current User to make the login you're currently using on the server an administrator.
  - c. You can also click **Add** to specify a user as an administrator if you don't want to make the current login an administrator.

#### NOTE

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Remember the *sa account* password you create in this step. You will need to use it again in future steps.

- 7. Click Next until you reach the Ready to Install page and click Install.
- 8. Click Close when the installation completes

#### Verify SQL Configuration

- 1. Run the SQL Server Configuration Manager.
- 2. Click **SQL Server Services** in the left pane.
- 3. Verify SQL Server (GATELINK10) is Running. If it is not, right-click SQL Server (GATELINK10) and select Start.

<b>a</b>	Sql Server Configura	tion Manager		_ 0	x
<u>File</u> <u>Action</u> <u>View</u> <u>Help</u>					
SQL Server Configuration Manager (Local)	Name	State	Start Mode	Log On As	Process
SQL Server Services	SQL Server (MSSQLSERVER)	Running		NT Service\MSSQL	1448
SQL Server Network Configuration (32bit)	3 SQL Server Browser	Stopped	Other (Boot, Syste	NT AUTHORITY\LO	0
▶ 클 SQL Native Client 11.0 Configuration (32) ▲ ①, SQL Server Network Configuration □ Protocols for MSQLSERVER □ Protocols for GATELINK10 ▶ 클, SQL Native Client 11.0 Configuration	SQL Server Agent (MSSQLSERVER)	Stopped	Manual	NT Service\SQLSER	0
< III >	<	ш			>

- 4. Click the arrow next to SQL Server Network Configuration to expand the list.
- 5. Click Protocols for GATELINK10.
- 6. Verify **TCP/IP** is Enabled. If it is not, right-click **TCP/IP** and select Enabled.

<b>a</b>	Sql	Server Configurati	on Manager	 	x
File     Action     ⊻iew     Help       ( → →)     ( →)     ( →)     [ →)       ( →)     ( →)     ( →)     [ →)       ( →)     ( →)     ( →)     [ →)       ( →)     ( →)     ( →)     [ →)	Protocol Name	Status			
SQL Server Services     J SQL Server Services     SQL Server Network Configuration (32bit)     SQL Server Intervork Configuration     SQL Server Network Configuration     Protocols for MSSQLSERVER     Protocols for GATELINK10     SQL Native Client 11.0 Configuration	<ul> <li>Shared Memory</li> <li>Named Pipes</li> <li>TCP/IP</li> </ul>	Enabled Disabled Enabled			
< <u> </u>					

- 7. Click SQL Server Services in the left pane.
- 8. Right-click SQL Server (GATELINK10) and select Restart.
- 9. Close the SQL Server Configuration Manager.

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#### Install GateLink Services

- 1. Create the directory C:\Temp if it does not already exist.
- 2. Place both the *GLinkInstall\_10\_0\_10\_X.exe and GLinkSite\_10\_0\_10\_X.zip* files in the *C:\Temp* folder.
- 3. Double-click **GLinkInstall\_10\_0\_10\_X.exe**.
- 4. Click Next.
- 5. Click **Next** to install GateLink to the default location (*C:\Program Files\Gate10*). If you want to change the installation path, click **Browse**, select a new location, and click **Next**.

GLink1	10 - InstallAware Wizard
GLink10 Setup	
Choose the application folder. The chosen folder will contain files belonging to this product. Some files may be installed in other location on your system.	Product install path: [Mitrogram FreeVolumial] Disk space requirements: Available: 31,845 MB Required: 32,487 KB Remaining: 31,814 MB
InstallAware	< Previous Next > Cancel

6. Click **Next**. The window will close after GateLink finishes installing.

7. Open Services.

- 8. Right-click the GLink Validation service and select Properties.
- 9. Click the arrow for Startup type and select Automatic (Delayed Start).

(	GLink V	alidation Properties (Local Computer)
General	Log On	Recovery Dependencies
Service	name:	GLinkValidation
Display	name:	GLink Validation
Descrip	tion:	GLink Online Validation
Path to "C:\Pro	executabl gram Files	le: :\GLink10\GLinkValidServ.exe''
Startup	type:	Automatic (Delayed Start)
Service	status:	Automatic (Delayed Start) Automatic Manual Disabled Kunning
5	Start	Stop Pause Resume
You car from her Start pa	n specify t re. arameters:	he start parameters that apply when you start the service
		OK Cancel Apply

- 10. Click **OK**.
- 11. Close Services.

#### Install the GateLink Website

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- 1. Extract the **GLinkSite10\_0\_10\_X.zip** file and place the extracted folder into the *C:Temp* folder.
- 2. In the *IIS Manager*, double-click the **Sites** to expand the list and select **Default Web Site**.

Services (IIS) N	Manager
	Sites      Default Web Site
<u>F</u> ile <u>V</u> iew <u>H</u> elp	
Connections	Default Web Site H
▲ AMC-ENG-105 (ALVARADO\c	Filter: - 🔐 🖸 o
⊿ · i Sites	ASP.NET
Default Web Site	
	.NET .NET .NET Erro Authorizat Compilation Pages
	Session State SMTP E-mail
	IIS

3. Click **Import Application** in the *Actions* pane.

	Edit Permissions
	Edit Site Bindings Basic Settings
Connection Machine Key Pages and Strings Controls	View Applications View Virtual Directories
	Manage Web Site
	Restart
	Stop
🍯 🗐 🍺	Browse Web Site Browse *:80 (http)
ISAPI Filters Logging MIME Types	Advanced Settings
	Configure Limits
	Deploy 🔿
	Export Application
	Online Help

NOTE

If the Deploy section does not appear, and you are using Web Deploy 3.5 or above, see <u>Appendix 3</u> on page 53.

? X

Browse...

Click Browse, select the GateLinkWeb.zip file, click Open, and click Next. 4.



5. Accept the default selections on the Select the Contents of the Package screen and click Next.

Import Application Package			?	x
Select the Contents of the Package				
Package contains:				
✓     Web Application (D:\Tycon\G10\GLinkWeb_10_0_9_1\obj\Releas       ✓     ✓	Path	D:\Tycon\(	G10\GI	inkV
		Advanced	Setting	<b>js</b>
Previous Next	F	inish	Cancel	

- 6. In three *Connection String* fields, change *Data Source=(local)* to **Data Source=<Database IP address>**\ **GATELINK10**. In the example below, the database is hosted on server 192.168.10.19.
  - a. If you created a different named instance in step 5 on page 10, enter that instead of "GATELINK10".
  - b. If you are using the default SQL instance, you only need to enter the server's IP address.

	plication Package Information
nter information tha	t is required to install this package:
Application Path	
Full site path where	you want to install your application (for example, Default Web Site/Application).
Default Web Site/	GLinkWeb
Connection String GateDBSecConnect	tion Connection String used in web.config by the application to access the database.
	58.10.19\GATELINK10; nitial Catalog=Gate10;Uid=GLinkWebUser;Pwd=alvarado
Data Source=192.16	
Data Source=192.10 Connection String ReportLibrary.My.N access the database	AySettings.GateReportsConnection Connection String used in web.config by the application to

7. Verify the installation completes successfully and click **Finish**.

- 8. Double-click Default Web Site to expand the list and select GLinkWeb.
- 9. Right-click GLinkWeb and select Edit Permissions.



- 10. Click the **Security** tab and click the **Edit** button.
- 11. Select the Users ([Host Name]\Users) item from the list and check the Allow box for Full Control.

Group or user names:	Object name:	C: Vnetpub \wwwroot \GLInk W	eb
SYSTEM	Group or user n	ames:	
Administrators (DEV-05\Administrators)	Administrat	tors (DEV-05\Administrators)	
& Users (DEV-05\Users)	Users (DE	V-05\Users)	
A IIS IUSRS (DEV/05/IIS IUSRS)		(DEV-05\IIS_IUSRS)	
	& TrustedIns	taller	
To change permissions, click Edit. Edit	😹 DefaultApp	Pool	
		ш	>
Permissions for Users Allow Deny			
Full control	~	Add	Remove
Modify	Parmissions for	Lloom All	Door
Read & execute 🗸 🛛		Users Ai	ow Deny
List folder contents 🗸	Full control	~	
Read 🗸	Modify	<b>▼</b>	
Write	Read & exect	ute	
For special permissions or advanced settings	List folder con	ntents	
click Advanced.	Read	$\checkmark$	
OK Cancel Apply		OK Cano	cel Apph

- 12. Click **OK**. You will return to the GLinkWeb Properties box.
- 13. Click OK.

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14. Check the **Replace all child object permissions with inheritable permissions from this object** box and click **Apply**.

o view o Object na	redit details for a permission entry, sel me: C:\inetpub\www.root\GateKee	ect the entry and ther per	n click Edit.		
Type	Name	Permission	Inherited From	Apply To	•
Allow	Users (AMC-ENG-105\Users)	Full control	<not inherited=""></not>	This folder, subfold	
Allow	IIS IUSRS (AMC-ENG-105\IIS I	Read & execute	C:\inetpub\wwwr	This folder, subfold	
Allow	TrustedInstaller	Full control	C:\inetpub\	This folder, subfold	1
Allow	SYSTEM	Full control	C:\inetpub\	This folder, subfold	1
Allow	Administrators (AMC-ENG-105\A	Full control	C:\inetpub\	This folder, subfold	i
•	· · ·	m			
Add	Edit     Edit       e inheritable permissions from this object       e all child object permissions with inheri       permission entries	emove t's parent table permissions from	this object		

15. When a *Windows Security* box appears, click **Yes** to continue.

Windows	Security
	This will replace explicitly defined permissions on all descendants of this object with inheritable permissions from GateKeeper. Do you wish to continue?
	<u>Y</u> es <u>N</u> o

16. Exit IIS Manager.

Verify .NET Roles

- 1. Open the Internet Information Services (IIS) Manager.
- 2. Click the arrow next to your server's name to expand the list.



- 3. Click Application Pools.
- 4. Double-click DefaultAppPool.

Ele View Help Connectors 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	Application This page lets you view and Application pools are associa application pools are associa application pools are associa application pools are associa- application pools are associa- associa- associa- associa- associa- associa- assoc	POOIS manage the list of application ated with worker processes, oo listion among different applica- stated v2.0 Started v2.0 Started v2.0 Started v4.0 Started v4.0 Started v4.0 Started v4.0	pools on the server. Intain one or more ations. Toup by: Managed PipeL. Identiti Integrated Applic Classic Applic Classic Applic Classic Applic Integrated Applic Integrated Applic Integrated Applic	Actions Actions Actions Add Application Pool Set Application Pool Tasks Start Start Start Basic Settings Recycle Recycle Resame Remove View Applications Help
	<	ш	>	

5. Verify the .NET CLR version is at least 4.0.

Edit Application Pool ? ×
Name:
DefaultAppPool
.NET CLR version:
.NET CLR Version v4.0.30319 🗸
Managed pipeline mode:
Integrated V
Start application pool immediately
OK Cancel

- 6. Click **OK** to close the *Edit Application Pool* box.
- 7. Click the arrow next to **Sites** to expand the list.
- 8. Click the arrow next to **Default Web Site** to expand the list.
- 9. Click GLinkWeb.

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10. Click **Basic Settings** in the right pane.

File View Help		
Connections Surf Page Surf Page Surf Page Connection	/GLinkWeb Home         Filer       Image: Construction of the second	Actions Explore Edit Permissions Verv Virtual Directories Manage Application Browse Application Browse Application Deptoy Export Application Export Application Help

11. Verify Application pool is set to **DefaultAppPool**.

	Edit Application	? X
Site name: Default Web S Path: /	lite	
Alias:	Application pool:	
GLinkWeb	DefaultAppPool	Select
%SystemUnve%\inetpub\wv Pass-through authentication Connect as Test Se Foable Preload	ttings	
	ОК	Cancel

12. Click **OK**.

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13. Close the Internet Information Services (IIS) Manager.

#### **Restore Default GateLink Database**

- 1. Open SQL Server Management Studio.
- 2. Enter your credentials and click Connect. You set up SQL login credentials in step 6 on page 10.

NOTE

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If you created a named instance for your GateLink database, your *Server name* will take the form **Host Name\Instance Name**. For example, if the GateLink server is called DEV-05 and the GateLink instance is called GATELINK10, the *Server name* is **DEV-05\GATELINK10**.

If you are using the default instance for GateLink instead of a named instance, the *Server name* will be the same as the **Host Name**.

3. Right-click the **Databases** folder and select **Restore Database**. This will open the *Restore Database* window.



4. Click Device and click the Browse button. This will open the Select backup devices window.

<b>%</b>	Restore Database -
🐼 No backupset selected	to be restored.
Select a page General Files Options	Script ~ Lightelp Source O Database: Database: Destination Database: Restore to: Restore plan Backup sets to restore:
	Restore Name Component Type Server Database Position First LSN Last LSN Checkpoint LSN Full L

5. Click Add.

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6. Click the C:\Program Files\GLink10\Data folder, select the **gate10.bak** file, and click **OK**. The gate10.bak file will display in the Backup media box.

U Locate I	Backup File - DEV-05\GATELINK10
Backup file location: C:\Program	Files/GLink10/Data
	GLinkAgent ini bak GLinkMan ini bak GLinkVilid ini bak GLinkValid ini bak TMLogo ini bak ≡
File <u>n</u> ame: gate 10.bak	Backup Files("bak;".tm) V

NOTE

This is the default location for the gate10.bak file. If you installed the files to a different location in the **Install GateLink Services** section on page 12, navigate to that file location instead.

7. Click **OK**. The fields in the Restore Database window will automatically populate with new information.

<b>%</b>		Rest	ore Databa	ase - Gate1	0				>
🛈 Ready									
Select a page	Script -	Help							
General Files Options	Source -								
	O Da	tabase:							~
	● De	vice:	C:\Progr	am Files\GLin	k10\Dat	ta\gate10.b	oak		
		Database:	Gate10						~
	Destinati	ion							
	Datab	ase:	Gate10						~
	Resto	re to:	The last	backup taken	(Thurso	lay, May 1	2, 2016 1:32:	12 PM	Timeline
	Restore p	olan							
	Backup	sets to restore:							
	Restore	Name		Component	Туре	Server	Database	Position	First LSN
		Gate10-Full Data	base Backup	Database	Full	SERVER	Gate10	1	10632900000009600
Connection DEV-05\GATELINK10 [DEV-05\Administrator] View connection properties									
Progress									
Ø Done								[	Verify Backup Media
							ОК	Canc	el Help

8. Click OK.

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9. Management Studio will notify you when the database has been successfully restored. Click **OK** to close the box.

**Configure Users** 

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1. In the Object Explorer, go to the Databases/Gate10/Security/Users folder.



- 2. Right-click GLinkWebUser and select Delete.
- 3. Click **OK** when the *Delete Object* window appears.

4. In the Object Explorer, go to the Security/Logins folder. (NOT the Databases/Gate10/Security folder.)



5. Right-click the Logins folder and select New Login.

- 6. Make the following changes to the *Login New* page:
  - a. Enter GLinkWebUser for the Login name.
  - b. Select SQL Server authentication.
  - c. Enter alvarado for the Password and Confirm password fields.
  - d. Uncheck the Enforce password policy box.
  - e. Select Gate10 from the Default database list.

đ	Login -	New		- 🗆 X
Select a page Providential	🔄 Script 👻 📑 Help			
III Server Roles III User Mapping IIII Securables IIII Status	Login name: O Windows authentication © SQL Server authentication Password: Confirm password:	GLinkWebUser		Search
	Specify old password Old password: Enforce password policy Enforce password expirat User must change passw Mapped to certificate	vition word at next login		~
	Mapped to asymmetric key     Map to Conductial			✓
Connection				Add
Server: DEV-05\GATELINK10 Connection: DEV-05\Administrator	Mapped Credentials	Credential	Provider	
Progress				Remove
Ready	Default database: Default language:	Gate10 <default></default>		
			ОК	Cancel

- 7. Click Server Roles under Select a page.
- 8. Verify that **public** is the <u>only</u> box that is checked.
- 9. Click **OK**.

- 10. In the Object Explorer, go back to the Databases/Gate10/Security/Users folder.
- 11. Right-click the **Users** folder and select **New User**.



- 12. Type **GLinkWebUse**r for the User name.
- 13. Click Browse for Login name to open the Select Login window.
- 14. Click Browse to open the Browse for Objects window.
- 15. Check the [GLinkWebUser] box and click OK.
- 16. Click **OK** to close the *Select Login* window.
- 17. Click **Owned Schemas** under *Select a page* and check the **db\_owner** box.
- 18. Click Membership under Select a page and check the db\_owner box.
- 19. Click **OK**.

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20. Close the SQL Server Management Studio.

#### Configure GATE.txt

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- 1. Go to the C:\Program Files\GLink10 folder.
- 2. Double-click the GATE.txt file to edit it.
  - a. Provider should be ODBC Driver 11 for SQL Server.
  - b. Data Source should be the **Host Name\Instance Name** where the database is located. In the example image below, the host name is "DEV-05" and the instance name is "GATELINK10". You can use the server's static IP address in place of its name if desired.
  - c. Initial Catalog should be Gate10.
  - d. User ID is GLinkWebUser.
  - e. *Password* is **alvarado** by default, but if you entered a different password in step 6.c on page 27, enter that password here instead.

GATE.txt - Notepad	 x
File Edit Format View Help	
Provide=ODBC Driver 11 for SQL Server; Data Source=DEV-05\GATELINK10; Initial Catalog=Gate10; User ID=GLinkWebUser; Password=alvarado;	<
An and a second s	 

3. **Save** the file and close it.

NOTE

If you get an error when trying to save the GATE.txt file, copy the file to your desktop, edit it, and then paste it back into the *C*:\*Program Files*\*GLink10* folder.

# **Create Import and Export Folders**

- 1. Use Windows explorer and go to the server's **C**:\ drive.
- 2. Create two folders: one for importing data and one for exporting data. Alvarado recommends calling them **IMPORT** and **EXPORT**.

#### **Configure the GLink Service Manager**

- 1. Go to the C:\Program Files\GLink10 folder.
- 2. Right-click GLinkServManager.exe and select Run as administrator.
- 3. Click the **Setup** tab.

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- 4. Edit the information on the Setup tab as required.
  - a. Verify Database points to the *GATE.txt file* you edited in the <u>Configure GATE.txt</u> section above. It should read **FILE NAME=C:\Program Files\GLink10\GATE.txt** by default.
  - b. Direct the Import *Data Path* to the import folder you created in the Create Import and Export Folders section above.
  - c. Set the Directory Scan Interval (seconds) to 5.
  - d. Direct the *Export Data Path* to the export folder you created in the <u>Create Import and Export</u> <u>Folders</u> section above.
  - e. Set the Export Interval (minutes) to 1.

General Sel	up.					
Database	FILE NAME=C:\Program	m Files\GLink10\GATE.txt		🛃 Save		
Import Da Path	port Data Path C:\IMPORT					
	Director	y Scan Interval (seconds)	5 🛟			
Export Da	ta					
Path	C:\EXPORT					
	Ex	port Interval (minutes)	1			
		Maximum File Size (KB)	0 🗘			
		Export to Host Folders				
<b>M</b> A	dvanced Setup	?{] Test Database	Connection			

5. Click Save.

- 6. Click Advanced Setup.
- 7. Make the following changes on the General tab.
  - a. Check the **Reset Counters at Reset Time** box.
  - b. Change the *Counter's Reset Time* as required.

NOTE

0

Resetting the counters only clears the entry and exit counts on the GateLink website's *Home* screen. It <u>does not</u> affect the data stored in the database.

dvanced	Setup					>
General	Ticket Validation	Validation Messages	Log Files	TCP Debug		
Res	et Counters On Sta	artUp				
✓ Res	et Counters at Res	et Time				
✓ Use	Host Time for Offl	ine Transactions				
					በፈ•በበ ልእ	4
		Counter's Rese	et Time (h:	mm AMPM)	04.00 /	VI
			TCP/IP F	Port Number	30100	÷

- 8. Click the **Ticket Validation** tab and make the following changes.
  - a. Verify the Add Ticket box is checked.
  - b. Adjust the *Red Light Time (ms)* as desired. This sets how long access devices remain on the "Invalid Ticket" screen when they scan an invalid ticket. Alvarado recommends setting this to **2000**.
  - c. Adjust the *Green Light Time (ms)* as desired. This sets how long access devices remain on the "Valid Ticket" screen when they scan a valid ticket. Alvarado recommends setting this to **8000** if your venue uses devices with locking turnstile arms or **3000** if it does not.

dvanced	Setup				×
General	Ticket Validation	Validation Messages	Log Files	TCP Debug	
Add	Ticket			Default Event Locati	on
Sta	rt "Fresh" Entry/Exi	t Events			
Use	Validation Masks	only in offline mode			
Che	cksum Validation f	or Not Found Tickets			
Tes	t Checksum OR Va	lidation Mask (*)			
Fan	nily Pass				
			Red	Light Time(ms) 200	0 🗘
			Green	Light Time(ms) 300	0 \$
(*) Ch	ecksum AND Valida	ation Mask required whe	en unchec	ked	
				Save 🗙 Can	cel

- 9. Click Save. This will close the Advanced Setup window.
- 10. On the GLink Service Manager window, click the Test Database Connection button.



11. Verify the test connection is successful and click **OK**.

NOTE

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If the test connection is <u>not</u> successful, check the path in the *Database* field on the **General** tab and the information in the **GATE.txt** file. If you are still unable to connect to your database, contact Alvarado for support.

12. Close the GLink Service Manager.

# **Restart the Server**

Restart your server to continue.

# **Restart GLink Services**

 $\bigcirc$ 

- 1. Open Services.
- 2. Click the following services and then click **Restart**.
  - a. GLink Import
  - b. GLink Service Agent
  - c. GLink Validation

File Action View Help					
	IÞ				
Services (Local) Services (Local)					
GLink Import	Name	Description	Status	Startup Type	Log
	Section Discovery Provide	The FDPHO		Manual	Loc
Stop the service	Sunction Discovery Resourc	Publishes th		Manual	Loc
Pause the service	GLink Import	GLink Data I	Running	Automatic	Loc
Restart the service	GLink Service Agent	GLink Servic	Running	Automatic	Loc
	GLink TM Export	GLink TM E	Running	Automatic	Loc
Description:	GLink TM Import	GLink TM I	Running	Automatic	Loc
GLink Data Import	GLink Validation	GLink Onlin	Running	Automatic	Loc
	Group Policy Client	The service	Running	Automatic (T	Loc
	🔅 Health Key and Certificate	Provides X.5		Manual	Loc
	🔅 Human Interface Device Ser	Activates an		Manual (Trig	Loc
	🔅 Hyper-V Data Exchange Ser	Provides a		Manual (Trig	Loc
	Apper-V Guest Service Inter	Provides an		Manual (Trig	Loc
	Hyper-V Guest Shutdown S	Provides a		Manual (Trig	Loc
	Apper-V Heartbeat Service	Monitors th		Manual (Trig	Loc
	Apper-V Remote Desktop Vi	Provides a p		Manual (Trig	Loc
	Apper-V Time Synchronizat	Synchronize		Manual (Trig	Loc
	Ryper-V Volume Shadow C	Coordinates		Manual (Trig	Loc
	G Ignite PI Server	Performanc	Running	Automatic	Loc
	KE and AuthIP IPsec Keying	The IKEEXT	Running	Automatic (T	Loc
	S Interactive Services Detection	Enables use		Manual	Loc
	🔅 Internet Connection Sharin	Provides ne		Disabled	Loc
	< l	ш			>

3. Close the Services window.

## Note about Custom Interfaces

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You may need to install additional applications so your ticketing provider can interface successfully with GateLink. Contact your ticketing provider representative for more information.

You can install the custom interface applications now or you can proceed directly to verifying proper GateLink installation.

# Verify Correct Installation

## From the Server

 $\bigcirc$ 

Perform these steps directly from the GateLink server.

- 1. Open a web browser.
- 2. Type localhost/GLinkWeb into the address bar and press Enter.
- 3. Verify the GateLink login screen appears.

<ul> <li>         ・         ・         ・</li></ul>			<u>-</u> □ ×
ØALVARADO			
	Login		
(In Catal ink	Login ID		
GaleLINK	Password	Remember Me	
		Login	
Copyright © 2017 Alvarado Mfg. Co., Inc.			Ų
<			>

4. Enter **admin** for the *Login ID* and **alvarado** for *Password* and click **Login**. Verify the *Home screen* shows "No data found!".

(そ)  (愛 http://192.168.10.19/GLinkWeb/Ho クマ  ()  (愛 GLink × )	_ □ ×
GateLink	ØAL
Home Event Calendar Data Management Reports Charts Administration	Welcome admin 🙆 Logo
No data found!	Entry Counts     Validation Counts
	<ul> <li>Display Summary</li> <li>Display Details</li> </ul>
	All Facilities
Copyright © 2017 Alvarado Mg. Co., Inc.	

## From a Networked Computer

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Perform these steps on a computer that can connect to the GateLink server.

- 1. Open a web browser.
- If you kept the default website address during the <u>Install the GateLink Website</u> section on page 13, type <Host>/GLinkWeb into the address bar and press Enter. Replace <Host> with the server name or IP address of your server.
- 3. Verify the GateLink login screen appears.

🗧 🕀 🎯 http://localhost/GLinkWeb/Accour 🖉 🗸 🖒 🦉 GLink Login 🛛 🗙			- □ × ☆ ☆ ©
0.000			
ØALVARADO	Login		
Gatel ink	Login ID Password		
Gutterin		Remember Me      Login	
Copyright © 2017 Alvando Mfg. Co., Inc.			

4. Enter **admin** for the *Login ID* and **alvarado** for *Password* and click **Login**. Verify the *Home screen* shows "No data found!".

ج ج) الله الماية//192.168.10.19/GLinkWeb/Ho 오 - ک 🖉 GLink ×	_ <b>□ ×</b> ⋒ ☆ ®
() GateLink	Øal
Home Event Calendar Data <u>M</u> anagement <u>Reports <u>C</u>harts <u>A</u>dministration</u>	Welcome admin 🙆 Logo
No data found!	© Entry Counts ◯ Validation Counts
	<ul> <li>Display Summary</li> <li>Display Details</li> </ul>
	All Facilities
Copyright © 2017 Alvarado Míg. Co., Inc.	<b>&gt;</b>

## Appendix 1 – Error Messages and Troubleshooting

## Cannot connect to database in GateLink Service Manager



- The GLink Service Manager is not pointed to the GATE.txt file.
  - ✓ Verify the path in the Database field of the GLink Service Manager is correct. See page <u>31</u>.
- The information in the GATE.txt file is not correct.
  - ✓ Check the information in the GATE.txt file. See page 29.
- The ODCB Driver 11 for SQL Server is not installed.
  - ✓ Download the driver from the Microsoft website and install it.

#### Website Errors

#### HTTP Error 500.21 – Internal Server Error



- The proper .NET roles are not installed or are improperly configured.
  - See the <u>Verify .NET Roles</u> section on page 19.
- Reset .NET.
  - Click Start.
  - Type Run and press Enter.
  - Type C:\Windows\Microsoft.NET\Framework\v4.0.30319\aspnet\_regiis.exe –i and press Enter.
- Reinstall .NET
  - Reinstall .NET according to Microsoft's instructions. See <u>https://msdn.microsoft.com/en-us/</u> <u>library/5a4x27ek(v=vs.100).aspx</u>.

# Server Error in '/GLinkWeb' Application: Cannot open database "Gate" requested by the login...



- The web.config file is not pointed at the correct database.
  - Go to the Modify the web.config File on page ?? and use it to verify that the correct database information is entered.
- GLinkWebUser is not set up as a Login for the SQL instance.
  - Go to the <u>Configure Users</u> section on page 25 and verify GLinkWebUser is correctly set up as a Login. Start with step 4.
- GLinkWebUser is not set up as a **User** for the database.
  - Go to the <u>Configure Users</u> section on page 25 and verify GLinkWebUser is correctly set up as a database user account. Start with step 10.
- The GLinkWebUser database account needs to be reset.
  - Delete the GLinkWebUser database account (not the Login account).
  - Go to the <u>Configure Users</u> section on page 25 and add GLinkWebUser as a database user account. Start with step 10.
- You entered a different password for the GLinkWebUser instance login than alvarado.
  - Enter the password you created for the GLinkWebUser server Login in step 6.c on page 27.
  - Change the password for the GLinkWebUser instance login to alvarado.

# Server Error in '/GLinkWeb' Application: A network-related or instance-specific error occurred while establishing a connection to SQL server...

Server Error in '/GLinkWeb' Application. Cannot open database "Gate" requested by the login. The login failed. Login failed for user 'GLinkWebUser'. Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code. Exception Details: System.Data.SqlClient.SqlException: Cannot open database "Gate" requested by the login. The login failed. Login failed for user 'GLinkWebUser'. Source Error: An unhandled exception was generated during the execution of the current web request. Information regarding the origin and location of the exception can be identified using the exception stack trace Stack Trace: [SqlException (0x80131904): Cannot open database "Gate" requested by the login. The login failed. Login failed for user 'GLinkWebUser'.] System.Data.ProviderBase.DbConnectionPool.TryGetConnection(DbConnection owningObject, UInt32 waitForMultipleObjectsTimeou System.Data.ProviderBase.DbConnectionFactory.TryGetConnection(DbConnection owningObject, TaskCompletionSource'1 retry, DbCon System.Data.ProviderBase.DbConnectionFactory.TryGetConnection(DbConnection owningConnection, TaskCompletionSource'1 retry, DbCon System.Data.ProviderBase.DbConnectionInternal.TryOpenConnectionInternal(DbConnection outerConnection, DbConnectionFactory)

- The web.config file is not pointed at the correct data source.
  - Go to the <u>Modify the web.config</u> File on page **??** and use it to verify that the correct data source information is entered in all <u>three</u> locations.

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# HTTP Error 403.4 – Forbidden: The page you are trying to access is secured with Secure Sockets Layer (SSL)

ITTP Error 403	3.4 - Forbidden	nun Cockets Laura		
ne page you are	trying to access is secured with Sec	Lure Suckets Layer		
Most likely cau	ses:			
<ul> <li>Secure Sock</li> <li>The page re</li> </ul>	tets Layer (SSL) is enabled for the URL requeste quest was made over HTTP, but the server requ	d. ires the request from a se	cure channel that uses HTTPS.	
inc page to				
Things you can	try			
rinings you can	ay.			
. Browne to th	a LIDL over a cocura channel by using the "http	or" profix instand of "http	•	
<ul> <li>Browse to to</li> <li>If the Web s</li> </ul>	he URL over a secure channel by using the "http ite does not have an SSL certificate or should n	s:" prefix instead of "http ot require HTTPS, disable	the setting.	
<ul> <li>Browse to t</li> <li>If the Web s</li> <li>Verify the S</li> <li>Verify the c</li> </ul>	he URL over a secure channel by using the "http itle does not have an SSL certificate or should n SL Settings in IIS Manager by connecting to the onfiguration/system.webserver/security/access®	s:" prefix instead of "http ot require HTTPS, disable server, site, application o psslFlags attribute at the	". the setting. r page and opening the SSL Settings feature. erver, site, application, or page level.	
<ul> <li>Browse to t</li> <li>If the Web s</li> <li>Verify the S</li> <li>Verify the co</li> </ul>	he URL over a secure channel by using the "http like does not have an SSL certificate or should n SL Settings in IIS Manager by connecting to the onfiguration/system.webserver/security/access@	s:" prefix instead of "http ot require HTTPS, disable server, site, application o psslFlags attribute at the s	". the setting. r page and opening the SSL Settings feature. erver, site, application, or page level.	
Browse to t     If the Web :     Verify the S     Verify the c  Detailed Error	he URL over a secure channel by using the "http its does not have an SSL certificate or should a SL Settings in IIS Manager by connecting to the nnfiguration/system.webserver/security/access@ Information:	s:" prefix instead of "http ot require HTTPS, disable server, site, application o \$sslFlags attribute at the s	r page and opening the SSL Settings feature. r page and opening the SSL Settings feature. erver, site, application, or page level.	
Browse to t     If the Web :     Verify the S     Verify the c  Detailed Error Module	te URL over a secure channel by using the "http it does not have an SSL ertificate or should an SL Settings in IIS Nanager by connecting to the nufiguration system. webserver/security/access Information: IIS Web Core	s:" prefix instead of "http ot require HTTPS, disable server, site application o \$sslFlags attribute at the s Requested URL	r page and opening the SSL Settings feature. r page and opening the SSL Settings feature. erver, site, application, or page level. http://localhost:80/glink10_0_9_1	
Browse to t     If the Web:     Verify the S     Verify the c  Detailed Error Module Notification	te URL over a secure channel by using the "http is does not have an SSL extification or should an SL Settings in IIS Manager by connecting to the anfiguration system.webserver/security/access@ Information: IIS Web Core BeginRequest	s:" prefix instead of "http ot require HTPS, disable server, site, application o bsslFlags attribute at the Requested URL Physical Path	<ul> <li>r page and opening the SSL Settings feature.</li> <li>erver, site, application, or page level.</li> <li>http://localhost:80/glink10_0_9_1</li> <li>C:\inetpub\uwwroot\glink10_0_9_1</li> </ul>	
Browse to t     If the Web     Verify the S     Verify the C  Detailed Error  Module Notification Handler	te URL over a secure channel by using the "http it does not have an SSL certificate or should an SL Settings in IIS Nanager by connecting to the influention by scient. webserver/security/access Information: IIS Web Core BeginRequest ExtensionlessUfflandler-Integrated-4.0	s:" prefix instead of "http ot require HTPS, disable server, site, application o bsslFlags attribute at the Requested URL Physical Path Logon Method	r page and opening the SSL Settings feature. erver, site, application, or page level. http://focalhost:80/glink10_0_9_1 C:\\netpub\\www.ordstiglink10_0_9_1 Not yet determined	
Browse to t     If the Web     Verify the S     Verify the c  Detailed Error Module Notification Handler Error Code	the URL over a secure channel by using the "http: its dees not have an SSL extification or should an SL Settings in IIS Nanager by connecting to the miniguration/system.webserver/security/access Information: IIS Web Core BeginRequest ExtensionlessUMHandler-Integrated-4.0 0x80070005	s:" prefix instead of "http: or require HTTPS, disable server, site, application o bssiFlags attribute at the s Requested URL Physical Path Logon Method Logon User	<pre></pre>	

Secure Sockets Layer (SSL) is enabled in the IIS Manager. To resolve:

- 1. Open the Internet Information Services (IIS) Manager.
- 2. Click the arrow next to your server's name to expand the list.

8]	Internet Information Services (IIS) Manager	_ <b>_</b> X
€ DEV-05 →		<u>∞</u> ⊠ ≙ i@ •
<u>File View H</u> elp		
Connections Connections Start Page DEV-05 (DEV-05\Administrator) DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) Connections DEV-05 (DEV-05\Administrator) DEV-05	DEV-05 Home         Filter: <ul> <li></li></ul>	Actions Manage Server Restart Start Start Stop View Application Pools View Sites Change .NET Framework Version Get New Web Platform Components Help
	IIS Authentic Compression Default Document Browsing Handler Handler HTTP Moppings Respon CGI Restri MIME Types Modules Output Request Server View	
Ready		•i

- 3. Click Sites to expand the list.
- 4. Click Default Web Site to expand the list and click GLinkWeb to select it.
- 5. Double-click the SSL Settings icon.

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6. Select **Ignore** and click **Apply**.

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**Unspecified Application Error** 

Unspecified Application Error. Use your browser to go back to previous page.

- You are trying to connect to the GateLink website from a computer besides the server and there is an issue.
  - Try to connect to the GateLink website from the server directly. It will give you a more detailed error message.

### Appendix 2 – Install GateUtility

GateUtility is an optional web-based application that can be installed with GateLink. GateUtility allows users to distribute files to multiple Alvarado intelligent admission devices simultaneously and change the operating mode on applicable devices.

## Install GateUtility

 $\bigcirc$ 

1. Extract the **GateUtility\_X\_X\_X.zip** file to the C:\Temp folder on your computer. The folder's file path and contents should look like the example below.

🛄   💽 🗓 = I	Gat	eUtility_0_1_7			_	x
File Home Share View	D					~ <b>0</b>
🔄 💿 ▾ ↑ 🚺 ▸ This PC ▸ L	.ocal Disk (C:)  Temp  GateUtility_0_1_7			v ¢	Search GateUtility_0_1_7	Q
🔆 Favorites	Name	Date modified	Туре	Size		
Desktop	GateUtility.deploy.cmd	1/2/2018 1:20 PM	Windows Comma	15 KE	1	
Downloads	GateUtility.deploy-readme.txt	1/2/2018 1:20 PM	Text Document	4 KE		
🕮 Recent places	GateUtility.Parameters.xml	1/2/2018 1:20 PM	XML File	1 KE		
	GateUtility.SetParameters.xml	1/2/2018 1:20 PM	XML File	1 KE		
🖳 This PC	GateUtility.SourceManifest.xml	1/2/2018 1:20 PM	XML File	1 KE	1	
📜 Desktop	GateUtility.zip	1/2/2018 1:20 PM	Compressed (zipp	30,496 KE	:	
Documents						
Downloads						
Music						
E Pictures						
J Videos						
🏭 Local Disk (C:)						
🙀 Network						
6 items						

- 2. Open the Internet Information Services (IIS) Manager.
- 3. Double-click the server name to expand the list.
- 4. Double-click Sites to expand the list.

5. Click Default Web Site to select it.

0



6. Click **Import Application** in the Actions pane.

	Edit Permissions
	Edit Site Bindings Basic Settings
Connection Machine Key Pages and Strings Controls	View Applications View Virtual Directories
	Manage Web Site
	💈 Restart
	Start
	Stop
🍯 🗻 🏂	Browse Web Site Browse *:80 (http)
ISAPI Filters Logging MIME Types	Advanced Settings
	Configure Limits
	Deploy
	Export Application
	Jimport Application
	Help     Online Help

7. Click **Browse**, select the **GateUtility.zip** file in the C:\Temp\GateUtility\_0\_1\_7 folder that you extracted in step 1, click **Open**, and click **Next**.

	Import Application Pac Open	kage ?
⊛ ⊚ ▾ ↑ 퉱 «	Temp → GateUtility_0 → v C	Search GateUtility_0_1_7
Organize 👻 New fo	der	iii 🕶 🔟 🔞
🚺 Downloads	^ Name	Date modified Type
🖳 Recent places	🚮 GateUtility.zip	1/2/2018 1:20 PM Compress
<ul> <li>Inis PC</li> <li>Desktop</li> <li>Documents</li> <li>Downloads</li> <li>Music</li> <li>Pictures</li> <li>Videos</li> <li>Local Disk (C:)</li> <li>Network</li> </ul>	Ξ	
	<ul> <li>✓</li> <li>✓</li> </ul>	>
F	le name: GateUtility.zip	Package files (*.zip)     Open     Cancel

8. Continue clicking **Next** to proceed through the installation setup. When the process is complete, click **Finish** to close the *Import Application Package* window.

Summan	2.4.11		
The package The following Added 53 Dir Added 580 Fi	was installed successfully. g actions were performed: ectories. les.		

9. Double-click the SSL Settings icon.

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10. Ensure the *Require SSL* box is **unchecked**. If you needed to uncheck the box, click **Apply**.



11. Close the Internet Information Services (IIS) Manager.

# Configure GateUtility

 $\bigcirc$ 

- 1. Open Windows File Explorer and navigate to the C:\inetpub\wwwroot folder.
- 2. Right-click the **GateUtility** folder and select **Properties**.

Name	•	Date modifi	ed	Туре
) aspnet_client	1/20/20		2:19 PM	File folder
GateUtility GL10_0_9_1 GLinkWeb GWatchWeb VV360_SF_Prod VV360_SF_QA VV360_SF_QA VV360_SF_Wcf_P VV360_SF_Wcf_C VV360_SF_Wcf_C	Open Open in new window Share with Restore previous versi Include in library Pin to Start Send to	ons •	7 AM 5 AM 21 AM 02 PM PM AM 0:28 0:28	File folder File folder File folder File folder File folder File folder File folder File folder
iisstart.htm	Cu <u>t</u> <u>C</u> opy Create <u>s</u> hortcut <u>D</u> elete Rena <u>m</u> e <u>Pr</u> operties		D:27	HTM File

- 3. Click the **Security** tab.
- 4. Click **Edit** under the Group or *user names* section.

# Configure GateUtility

 $\bigcirc$ 

- 1. Open Windows File Explorer and navigate to the C:\inetpub\wwwroot folder.
- 2. Right-click the **GateUtility** folder and select **Properties**.

This PC → Local Disk (C:) → inetpub → w	wwroot			
Name		Date modifi	ed	Туре
aspnet_client		1/20/2014 12	2:19 PM	File folder
GateUtility GL10_0_9_1	<u>O</u> pen Op <u>e</u> n in new window	,	7 AM 5 AM	File folder File folder
GUINKWED GWatchWeb VV360_SF_Prod VV360_SF_QA VV360_SF_QA	S <u>h</u> are with Restore previous <u>v</u> ersions <u>I</u> nclude in library <u>P</u> in to Start	ions	02 PM PM AM 0:28	File folder File folder File folder File folder File folder
🔰 VV360_SF_Wcf_C	Se <u>n</u> d to	•	):28	File folder
iis-85.png	Си <u>т</u> <u>С</u> ору		):27 ):27	PNG image HTM File
	Create <u>s</u> hortcut <u>D</u> elete Rena <u>m</u> e	Create <u>s</u> hortcut Delete Rena <u>m</u> e		
	P <u>r</u> operties			

- 3. Click the **Security tab**.
- 4. Click **Edit** under the *Group or user names* section.

5. Select **IIS\_IUSRS** from the list, check **Allow** for *Full Control*, and click **OK**.

General Sharing Security Previous Versions Customize	GateUtility Properties     K     General Sharing Security Previous Versions Customize
Object name: C:\inetpub\www.root\GateUtility Group or user names:	Permissions for GateUtility
Weers (DEV-05\Users)     ^       IIS_IUSRS (DEV-05\US_USRS)     ^       TrustedInstaller     ~       <	Security Object name: C:\inetpub\wwwroot\GateUtility Group or user names: CREATOR OWNER SYSTEM
Permissions for IIS_IUSRS Allow Deny       Full control <ul> <li>Full control</li> <li>Modify</li> <li>Read &amp; execute</li> <li>List folder contents</li> <li>Read</li> <li>Image: Second Second</li></ul>	Administrators (DEV-05\Administrators) Users (DEV-05\Users) IIS_IUSRS (DEV-05\IIS_IUSRS) TrustedInstaller Add Remove
vvrite     Image: Constraint of the setting	Permissions for IIS_IUSRS     Allow     Deny       Full control     Image: Control     Image: Control       Modify     Image: Control     Image: Control       Read & execute     Image: Control     Image: Control
OK Cancel Apply	List folder contents V C
	OK Cancel Apply

6. Click **OK** to close the *GateUtility Properties* window.

- 7. Open the C:\inetpub\wwwroot\GateUtility folder.
- 8. Double-click appsettings.json to edit the file.

NOTE

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If you're installing GateUtility on a Windows operating system, like Windows 10, copy the *appsettings.json* file to your desktop, edit it, and then paste it back into the *C:\inetpub\wwwroot\GateUtility* folder.

9. Configure the DefaultConnection information as required.

The configuration settings in the *appsettings.json* file are **case-sensitive**. When you write "true" or "false", they must be all **lower-case**.

- a. After *Data Source*=, change *SERVER* to your **server's name or IP address**. In the example below, the server's name is AMC-46D6L22-LP.
- b. Change SQLEXPRESS2016 to the SQL instance where your GateLink database is installed. In the example below, GateLink is installed on the GATELINK10 SQL instance.
- c. The server name and instance name must be separated by two backslashes (\\).
- d. Leave Initial Catalog, Uid, and Pwd set to their default values.
- 10. The default login credentials are **admin** for the user name and **alvarado** for the password. If you want to use different login credentials, enter them in the User and *Password* fields. Keep the quotation marks when entering the new login credentials.
- 11. If your devices are connected to an emergency override system, like a fire alarm, and you would like to be able to activate this emergency mode manually, change *ControlEmergency* to **true**. This will enable the Emergency button on the GateUtility device table for applicable devices.

NOTE

12. Handheld devices do not display on the GateUtility device table by default. If you would like handheld devices to display change *ShowAllDevices* to **true**.



13. Save the appsettings.json file and close it.

## **Verify Correct Installation**

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- 1. Open a web browser on your server.
- 2. Type **localhost/gateutility** into the address bar and press **Enter**. The GateUtility login screen should appear.

Gate Utility Plus	
	User name
	Password
	LOGIN
-	
Copyright © 2017 Alvarado Mfg. Co., Inc.	

- 3. Open a web browser on a computer that can reach the server over the network.
- 4. Enter **Server IP>/gateutility** into the address bar and press **Enter**. Verify the GateUtility login screen appears.

## Appendix 3 - Web Deploy 3.5+

If you're using Microsoft Web Deploy version 3.5 or higher, you enable the **IIS Manager UI Module**.

#### **New Installation**

6

Use this section if you are installing Web Deploy onto your computer for the first time.

- 1. Run the installer.
- 2. Click **Next** until you need to choose the setup type.
- 3. Click Custom.



4. Change IIS Manager UI Module to Will be installed on local hard drive and click Next.

5. Click the arrow for **Configure for Non-Administrator Deployments** and select **Will be installed on local hard drive**.



6. Click Next.

- 7. Click Install.
- 8. Click Finish to close the window.

# **Existing Installation**

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- 1. Click Start and click Control Panel.
- 2. Click Programs and Features.
- 3. Select **Microsoft Web Deploy 3.5** in the list of programs and click the **Change** button.

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- 4. Click Next.
- 5. Click Change.

🖶 Microsoft Web Deploy 3.5 Setup
Change, repair, or remove installation Select the operation you wish to perform.
Change Lets you change the way features are installed.
Repair Repairs errors in the most recent installation by fixing missing and corrupt files, shortcuts, and registry entries.
Remove Microsoft Web Deploy 3.5 from your computer.
Back Next Cancel

6. Change IIS Manager UI Module to Will be installed on local hard drive and click Next.



7. Click **Change** and click **Finish** when *Setup* finishes making changes.

# **Revision History**

Revision Creation Date Author		Author	Revision History/Description
1.0	3/18/2019	D Bohannon	Original Document
1.1	1/27/2020	D Bohannon	Updated service installation section.



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