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| Elituv Design Inc. |
| Message Notification System Guide |
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| gpryce  4/1/2013 |

# Introduction

This application uses a SSIS Package to send messages to different customers for different purposes.

# Installation

## Prerequisites

This system has been designed to run on the Windows platform and has been tested on Windows Server 2003. It utilizes SQL Server 2008 R2 Integration Services and will not work on lower versions of Integration Services.

## Installation Steps

Installing the systems has two parts:

1. Creating the Database
2. Installing the SSIS package

## Creating The Database

1. In the package folder you will see a file called **JMMB\_CustomerNotification\_1.0.0.0.sql**. Run it against the MSSQL instance you wish to host the database. *Note: It by default will create a database called JMMB\_CustomerNotification. If a database is already there by that name, you can change the script to create another database.*

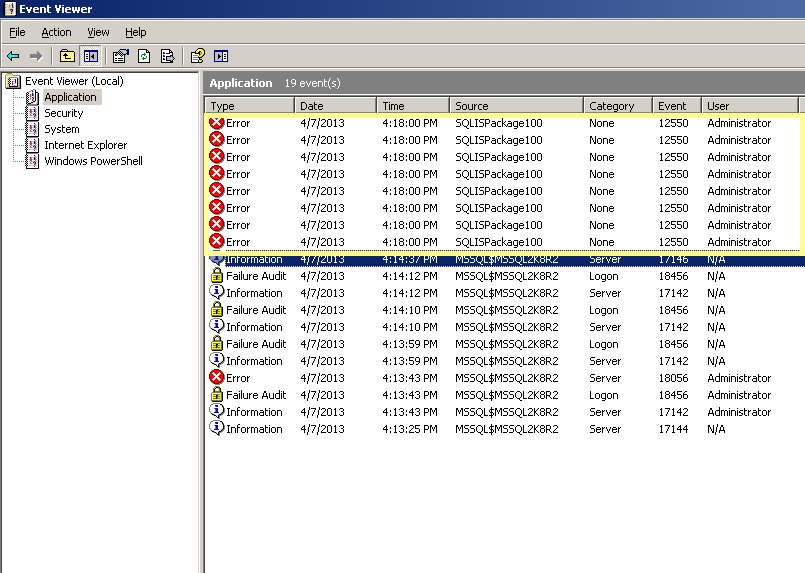
## Installing The SSIS Package

1. Navigate to the package folder and double click on the **JMMBCustomerNotification.SSISDeploymentManifest** file. This should start the installation wizard.
2. Under the **Deployment SSIS Packages** page, select **SQL Server deployment**.
3. Under the **Specify Target SQL Server** page, select the SQL Server Integration Services Instance and set the **Package path** to **/** or a path more convenient.
4. Note the folder which is specified for the installation path for the files.
5. Under **Configure Packages** you can change these configuration:
   1. **Package.Connections[LocalHost.JMMB\_Notification].Properties[ConnectionString] –** This is the connection string to the **JMMB\_CustomerNotification** database.
   2. **Package.Connections[SMSService].Properties[ServerURL] –** This is the URL of the service for SMS delivery.
   3. **Package.Connections[EmailService].Properties[ServerURL] –** This is the URL of the service for Email delivery.
6. Finish the installation.

# Troubleshooting

There is something that you can do to diagnose and fix error.

## Event Log

When errors happen in the package, it is logged to the event. The source is SQLISPackage100.

It normally logs more than one event log because the failure is recorded different failure points. In this situation the package had a problem connecting to the database as seen in the message section of the event.

