



## Tech Tip 090012

# Vigil Server IBM 4690 POS Setup Guide

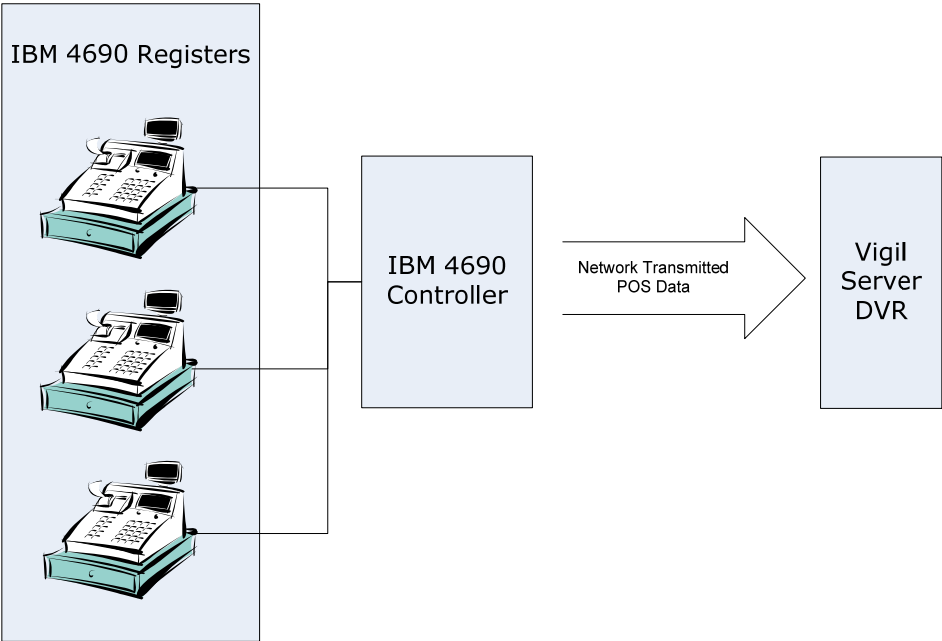
<b>Tech Tip Number:</b>	090012
<b>Date:</b>	May 12, 2009
<b>Product Affected:</b>	Vigil Server version 6.00 and higher
<b>Purpose:</b>	This bulletin provides instructions on how to setup and configure an IBM 4690 POS terminal and Vigil Server system for POS recording in the Vigil Server software.

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# 1 Basic Hardware Configuration Layout

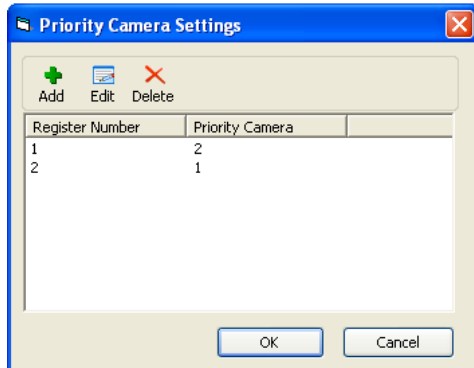
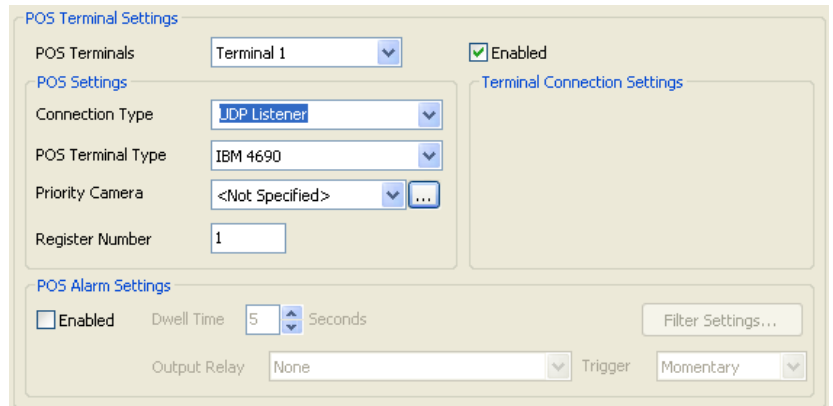
The IBM 4690 POS Terminal sends data to a DVR at the specified IP Address.



## 2 Vigil Server Configuration

1. Log into *Vigil Server* as an administrator and open the *Settings* window
2. Select the *Data* tab
3. Enable POS Terminal 1
4. In the *Connection Type* section, select *UDP Listener*
5. In the *POS Terminal Type* section, select *IBM 4690*
6. In the *Priority Camera* section, click the ... button

 to open the *Priority Camera Settings*. *Priority Cameras* can be configured for each register that is connected to the IBM 4690 Controller



Register Number	Priority Camera
1	2
2	1

7. Click OK to save the settings.

Note: The time on the Vigil Server DVR will automatically sync with the controller after the IBM4690 configuration is completed.

Note: The port used for data communication between the IBM4690 and the Vigil DVR is UDP 5858.

### 3 IBM 4690 Controller Configuration

To configure the IBM 4690 to output data to the DVR, we must configure the file TLOGREPL.CFG with the IP Address of the Vigil DVR that will be recording the POS data and then set up TLOGREPL.386 and ITEMREPL.386 as background applications on the IBM 4690 controller. The following instructions describe this process step by step.

#### Step By Step Instructions

1. Log into IBM 4690 controller as a system administrator
2. At the **System Main Menu**, enter **7** for **Common Mode** and press **Enter**

The following steps describe how to create a folder in C:\ named 3xlogic and copy the files TLOGREPL.386, TLOGREPL.CFG, ITEMREPL.386 from the root of a floppy disk into the folder C:\3xlogic.

**At the command prompt C:> type the following commands, pressing enter after each command:**

3. **MKDIR 3xlogic**
4. **CD 3xlogic**
5. **Copy A:\\*.\*** (This copies all of the files on the floppy disk into the new 3xlogic folder)
6. **dir**
7. These 3 files should be displayed:  
TLOGREPL.386  
TLOGREPL.CFG  
ITEMREPL.386
8. **dredix TLOGREPL.CFG**
9. Use the keyboard arrow keys to move the cursor down and over to the listed IP Address
10. Use the backspace key to remove the listed IP and enter the IP address of the **Vigil DVR**
11. Save by pressing: **CTRL-K, S**
12. Quit by pressing: **CTRL-K, Q**
13. **Type TLOGREPL.CFG**
14. The file TLOGREPL.CFG will be displayed. Verify that the correct IP Address is listed.
15. **exit**

#### Configure tlogrepl.386 as a Background Application:

##### System Main Menu:

16. Enter **4** for **Installation and Update Aids** and press **Enter**
17. Enter **1** for **Change Configuration Data** and press **Enter**
18. Enter **2** for **Controller Configuration** and press **Enter**
19. Y should be selected, press **Enter**
20. 2 should be selected, press **Enter**
21. Control Configuration Master should be selected, press **Enter**
22. Press **TAB**
23. The option beside Master & File Server should be selected, press **Enter**  
Wait while the operation completes
24. Press **TAB** until the cursor is beside **Background Application**
25. Enter **X** and then press **Enter**

##### Background Application Store Controller CC Menu:

For a complete listing of Service Bulletins, please go to <http://www.3xlogic.com>

26. Press **1** for **Define Background Application**, press **Enter**
27. In **Initial Message** type **3xLogic TLog Replicator**, press **Enter**
28. In **Program Name** type **C:\3xlogic\tlogrepl.386**, press **Enter**
29. In **Start When Master** press **Y**, leave other options as is, press **Enter** and then **Enter**
30. At the bottom of the window, in red lettering, there should be a message displayed:  
C:\3xlogic\tlogrepl.386 has been saved

#### **Configure itemrepl.386 as a Background Application:**

##### **System Main Menu:**

31. Enter **4** for **Installation and Update Aids** and press **Enter**
32. Enter **1** for **Change Configuration Data** and press **Enter**
33. Enter **2** for **Controller Configuration** and press **Enter**
34. **Y** should be selected, press **Enter**
35. **2** should be selected, press **Enter**
36. Control Configuration Master should be selected, press **Enter**
37. Press **TAB**
38. The option beside Master & File Server should be selected, press **Enter**  
Wait while the operation completes
39. Press **TAB** until the cursor is beside **Background Application**
40. Enter **X** and then press **Enter**

##### **Background Application Store Controller CC Menu:**

41. Press **1** for **Define Background Application**, press **Enter**
42. In **Initial Message** type **3xLogic TLog Replicator**, press **Enter**
43. In **Program Name** type **C:\3xlogic\itemrepl.386**, press **Enter**
44. In **Start When Master** press **Y**, leave other options as is, press **Enter** and then **Enter**
45. At the bottom of the window, in red lettering, there should be a message displayed:  
C:\3xlogic\itemrepl.386 has been saved
46. Press: **F3 F3 F3 F3** to return to the Configuration Menu

#### **47. Ensure that Vigil Server is configured and running**

##### **Configuration Menu:**

48. Enter **4** for **Activate Configuration**, press **Enter**
49. Enter **2** for **Controller Configuration**, press **Enter**  
**Wait while the operation completes – this may take a few minutes.**
50. The message: *Additional messages available* will be displayed  
Press **F10** to view messages  
To start TLOGREPL without rebooting:
51. Press: **ALT-PrintScreen, b**
52. Use the Page Up and Page Down buttons to find the page with the listing:  
C:\3xlogic\TLOGREPL.386
53. Use the arrow keys to select the entry **C:\3xlogic\TLOGREPL.386**
54. Press **F7** to activate
55. Use the arrow keys to select the entry **C:\3xlogic\ITEMREPL.386**
56. Press **F7** to activate

**Note:** Once ITEMREPL is activated, do not restart the Vigil DVR for at least 10 minutes in order to allow time for the items list to be transferred to the Vigil Server station. If Vigil Server is restarted during the time when ITEMREPL is sending data to the DVR, some items may be displayed with numbers in the *Item* field instead of the correct items. To resolve this issue, deactivate and then reactivate ITEMREPL.386

## **Test That Vigil Server is Receiving Data Properly**

View Live POS data and playback POS data to ensure that the data is being recorded properly.

### **IBM 4690 Vigil Server POS Error Logging**

If any errors are encountered during the transmission of POS data to the Vigil DVR system, they are logged in the following log files. If no errors occur, the log files are not created.

TLogrepl.log – Errors logged during the use of TLogrepl.386, which sends POS data to the Vigil DVR System.

Itemrepl.log – Errors logged during the use of Itemrepl.386, which provides the item lookup list to the Vigil DVR System.

## 4 Contact Information

If you require more information, or if you have any questions or concerns, please contact  
3xLogic Technical Support:

Toll Free (North America): 1-877-3XLOGIC (1-877-395-6442)

Email: [support@3xlogic.com](mailto:support@3xlogic.com)

Online: [www.3xlogic.com](http://www.3xlogic.com)