



ProcessLogix R500.1 Events Update 1 & 2

Introduction

This document describes the following:

- contents of this update
- installation of this update
- problems resolved in this update
- known problems in this update

IMPORTANT

- Because the server databases cannot be synchronized between installing this update on the backup server and failing over from the primary server, there will be a gap in process data. This can be partially offset by archiving history prior to the failover from the primary server.
 - During installation of this software update on the backup server, there will not be access to the primary engineering database (ERDB). It will therefore be impossible to perform Control Builder downloads during this time.
 - During installation of this software update on the primary server the following ProcessLogix Server features will not function:
 - Alarm/event reports
 - Event summary (filtered view)
 - ODBC Driver event table
 - Event archiving
-

Contents of Update

This update contains the following software:

- Event subsystem software update

Installation

This section details the installation of this update.

Before You Begin

Before beginning the installation, you must download the following files to your ProcessLogix Server(s):

- 500.1_Evt_1.exe
- 500.1_Evt_2.exe
- 500.1_Evt_3.exe

The following software components must be installed before you install this update:

- Windows® 2000 Service Pack 2 or 3
- Internet Explorer© v6.0
- ProcessLogix R500.1

Server Installation

You must complete the following procedure on SERVERB first, then repeat the procedure for SERVERA. Be certain that SERVERA is the Primary Server before beginning the installation.

1. Close all running applications.
2. Click **Start** ⇒ **Programs** ⇒ **ProcessLogix Server** ⇒ **Start-Stop ProcessLogix Server** to call up the ProcessLogix Server dialog box.
 - a. With the Full Mode version of the dialog box active, click the **Database Unloaded** option.
 - b. Click **Yes** to confirm the action and wait for the Server to change its state.
 - c. Close the ProcessLogix Server dialog box.
3. Right-click the SQL Server Service Manger icon in the right hand corner of the taskbar and select **Open SQL Server Service Manager**.
4. Select **SQL Server** in the Services drop down list.
5. Click **Stop**.
6. Click **Yes** to confirm stopping the SQL Server service.

7. Click **Yes** to stop all of the dependent services.
8. Click **Start/Continue** to restart the SQL Server service.
9. Close the SQL Server Service Manager.
10. Using Windows Explorer, browse to the directory where the update was downloaded, double-click **500.1_Evt_1.exe**.
11. Click **Setup**.
12. At the Installation Complete window, click **OK**.
13. Click **Start** ⇒ **Programs** ⇒ **ProcessLogix Server** ⇒ **Start-Stop ProcessLogix Server** to call up the ProcessLogix Server dialog box.
 - a. With the Full Mode version of the dialog box active, click the Database Only option.
 - b. Click Yes to confirm the action and wait for the Server to change its state.
 - c. Close the ProcessLogix Server dialog box.
14. Click **Start** ⇒ **Run**.
15. Enter this command:

```
>cmd<
```

and click **OK** to open the DOS window.
16. At the DOS prompt, enter this command:

```
>cd Honeywell\server\sql<
```

and press <Enter>.
17. Enter this command:

```
>moveonline.bat<
```

and press <Enter>.
18. Enter this command:

```
>sysbld -preserve -y<
```

and press <Enter>.

TIP

To confirm that the sysbld has successfully installed the new SQL Server components, open the log file:
C:\Honeywell\server\setup\CreateSQLObjectEMSEvent
s.txt.

The last line of the file should be a "MESSAGE:
Complete" statement. You can ignore any other error
messages in this log.

If the last line of the log is not the message complete as
shown below, then the update has not been installed
successfully. You will need to reboot the machine and
repeat this procedure.

19. Close the command prompt.
20. Click **Start** ⇒ **Programs** ⇒ **ProcessLogix Server** ⇒ **Start-Stop ProcessLogix Server** to call up the ProcessLogix Server dialog box.
 - a. With the Full Mode version of the dialog box active, click the Server Running option.
 - b. Click Yes to confirm the action and wait for the Server to change its state.
 - c. Close the ProcessLogix Server dialog box.
21. Using Windows Explorer, browse to the directory where the update was downloaded, double-click **500.1_Evt_2.exe**.
22. Click **Setup**.
23. At the Installation Complete window, click **OK**.
24. Using Windows Explorer, browse to the directory where the update was downloaded, double-click **500.1_Evt_3.exe**.
25. Click **Setup**.
26. At the Installation Complete window, click **OK**.
27. Restart the PC.
28. Repeat steps 1-21 on SERVERA.
29. After completing steps 1-24 on both SERVERA and SERVERB, verify that SERVERA is now Primary and synchronize the Servers.

Problems Resolved in this Update

This section lists event subsystem problems resolved since R500.1.

Table 1 Problems Resolved in Event Subsystem

ISR	Description
37661	The output from an alarm/event report may have an incorrect date range of events
37970	Operators do not get date ranges on Alarm and Event Reports
38069	Should not delete the old active table even if it has no events in it
38125	You periodically cannot access the SQL event store when Event archiving is not licensed
39247	When upgrading the EMSEvents database isnt preserved
39286	Random loss of synchronization due to SQL server deadlock with Event Archiving Redundancy
39420	Servers can not sync EMS events when link 0 is down and only link 1 is available
39512	No alarm is generated if the event archive task fails to start after server restart
39515	The SQL events synch fails after a failover
39549	Active event table not created when server is stopped before midnight and started again after midnight.
39662	SQL Events database won't synch when the Online Event period is greater than the Event Archiving period
39950	Loss of sync of the events database should not result in loss of sync of the realtime database
39968	If the system tries to use a Bulk Copy method to synchronise servers for Event Archive over Link 1 of a dual link, it will fail
40213	The UserSchemaInfo table is not migrated in a sql events migration
40224	Event Archiving Redundancy fails if the servers have a '-' in their name
40501	The event summary archive views do not work correctly when operator scope of responsibility is applied
41082	After installing a updated EMSTemplate you can not synchronise EMS databases
41085	Synch fails if online databases exists
41136	Event Replication failed latched alarm can persist even if event databases are synchronized
41180	Installsqlobject EMSEvents does not work
41250	Installsqlobject does not recollate existing EMSONline databases
41250	Installsqlobject does not recollate existing EMSONline databases
41350	Only an "Archive Period" worth of events are being kept online rather than the "keep online" period
42541	Events Synchronisation can fail due to pre-existing temp views over non-existent tables

Known Problems in this Update

This section lists known problems in the R500.1 Event subsystem that are not resolved with this update.

Table 2 Known Problems in Event Subsystem

ISR	Description
35884	Appending on the tape using NTBACKUP sometimes does not work
36511	sysbld -initialise doesn't clear the events from SQL
37795	Some events generated at system startup are not in EMSEvent database in SQL
41145	There is no way to manually skip a broken event so that event archiving can continue

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