



ProcessLogix R500.1 SP1 and R510.0 OPC Update 1

Introduction

This document describes the following:

- contents of this update
- installation of this update
- problem resolved in this update

IMPORTANT

- This update should only be installed on R500.1 SP1 or R510.0 Servers.
 - Prior installation of R500.1 SP1 or R510.0 is required for installation of OPC Update 1.
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Contents of Update

This update contains the following software:

- OPC Server software update

Installation

Before You Begin

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

- OPCUpdate1.exe

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

- Windows® 2000 Service Pack 3 or 4
- Internet Explorer© v6.0 or 6.0 SP1
- ProcessLogix R500.1 SP1 or R510.0

Server Installation

You must complete this procedure on all Servers in your ProcessLogix system. If you have a redundant Server pair, 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.
3. With the Full Mode version of the dialog box active, click the **Database Unloaded** option.
4. Click **Yes** to confirm the action and wait for the Server to change its state.
5. Close the ProcessLogix Server dialog box.
6. Using Windows Explorer, browse to the directory where the update was downloaded, and double-click **OPCUpdate1.exe**.
7. Click **Setup**.
8. At the Installation Complete window, click **OK**.
9. Restart the PC.
10. Logon to the system as ps_user.

If you have a non-redundant Server, the Update is complete.
If you have a redundant Server pair, continue with Step 11.

11. On **SERVERA**, click **Start** ⇒ **Programs** ⇒ **ProcessLogix Server** ⇒ **Station**.
12. Click **View** ⇒ **System Status** ⇒ **Server Redundancy**.
13. Once the Backup Server LED changes from Stopped (red) to Running (green), click the **Oper** field in the lower-right corner of the display.
14. Enter >mngr< in the Station Logon dialog box and click **OK**.
15. Click **Synchronize**.

16. At the Synchronize databases (y/n) prompt, enter >y< and press <Enter>.

Depending on your configuration, this may take some time to complete.

17. Once the Synchronization Complete prompt appears, verify that the display shows simulated Green LED indications for the following states:

LED(s)	State(s)
Primary Server	Running
Backup Server	Synchronized Running
Link Status	Link 0 (LNK00) - OK Active link Link 1 (LNK01) - OK (Only applies if you are using a dual LAN)

18. Click **Manual Failover**.
19. At the Failover to Backup (y/n) prompt, type >y< in the entry field above the display and press <Enter>.
20. Click **Station** ⇒ **Exit**.
21. Click **Yes** to exit Station.
22. Repeat steps 1-21 on **SERVERA**.
23. After completing steps 1-21 on both **SERVERA** and **SERVERB**, verify that **SERVERA** is now Primary and synchronize the Servers.

Problem Resolved

ISR 49341 - Intermittent OPC Server failure.

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