# ernitec

# **Ernitec Technical Notice**

System x NodeManager Win 7 Fix

## How to use NodeManager with Windows 7

Download our latest version of nobemanager from the ernitec support site using this link: http://files.ernitec.com/70\_Matrix\_Systems/System\_X/Software

Extract and copy the complete contents of this file to your desk top.



Open the file and right click on the set up file shown below and select properties.

| Organize   Include in library | Share with • Burn | New foider           | 川•□       | 0 |
|-------------------------------|-------------------|----------------------|-----------|---|
| Name                          | Date modified     | Type                 | Size      |   |
| Exsamples                     | 31/07/2014 11:42  | File folder          |           |   |
| 1 S64C512                     | 31/07/2014 11:43  | File folder          |           |   |
| 🍨 ar500enu                    | 15/05/2001 15:41  | Application          | 8,614 KB  |   |
| Autorun                       | 09/05/2001 13:10  | Setup Information    | 1 KB      |   |
| 🗃 data1                       | 24/11/2005 07:59  | WinRAR archive       | 1,918 KB  |   |
| 🗋 data1.hdr                   | 24/11/2005 07:59  | HDR File             | 37 KB     |   |
| 🗃 data2                       | 24/11/2005 07:59  | WinRAR archive       | 59,317 KB |   |
| ] ikerneLex_                  | 26/06/2003 20:43  | EX_File              | 337 KB    |   |
| 🗋 layout.bin                  | 24/11/2005 07:59  | BIN File             | 1 KB      |   |
| 🛅 nmx                         | 17/05/2001 15:16  | Icon                 | 1 KB      |   |
| 🙇 nmx57x53                    | 09/05/2001 13:10  | Bitmap image         | 9 KB      |   |
| 5 Setup                       | 04/12/2003 08:20  | Bitmap image         | 1,983 KB  |   |
| Setup                         | 05/09/2001 04:23  | Application          | 55 KB     |   |
| Setup                         | 24/11/2005 07:58  | Configuration setti. | 1 KB      |   |
| setup.inx                     | 26/10/2005 13:35  | INX File             | 149 KB    |   |

Go to the compatibility tab, select Windows XP service pack 2 and tick the check box, then tick run as and adminstrator and apply.



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Then install the program as you normally would by double clicking set up file.



Click next and yes to the license agreement



Click next to the location





Click finish to complete the set up for NodeManager on your windows 7 PC



The NodeManager program will now appear on your desk top.



During the installation of NodeManager the manuals for your System X products were added to you PC. To find the manuals simply look in the Ernitec folder in your program files



How to install the new USB Lon + box. When you receive your new USB Lon plus box use the Gesytec CD to install the driver for the USB Lon box. In the browser select products

|  | Comtoo   |  |  |
|--|--|--|--|
|  | Gesytec 🔛  | Easylon  |  |
|  | Drivers & De   | ocumentation   |  |
|  | On this CD-ROM you will find a<br>Easylon  | g an Easylon Interface.<br>all documentation and drivers for<br>Interfaces<br>and operating system |  |
|  | You can find<br>important information<br>concerning this CD, drivers and installation here |  |  |
|  | Products   | Operating system   |  |
|  | click <u>here to install</u> /<br>The latest versi   | ed Adobe Reader Installed<br><u>Adobe Reader from CD</u> .<br>on you will find at<br>se READER     |  |
|  | If there are any question, please of   | ontact us per mail: info@gesytec.de.   |  |
|  |  | oftware updates or other software  |  |

Then from the products list select Easylon USB Interface+



Once the drivers have been installed go to the system manager and select device manager. Right click on the Gesytec LVU11-1-1-Mip0 and select properties.



### Select the Advanced tab

| Gesytec LVU11-1-1-Mip0 Properties   |                                 |  |  |  |  |  |  |
|---|---------------------------------|--|--|--|--|--|--|
| General Advanced Driver Details Power Management  |                                 |  |  |  |  |  |  |
| The following properties are available for this network adapter. Click the<br>property you want to change on the left, and then select its value on the<br>right. |                                 |  |  |  |  |  |  |
| Property:   | Value:                          |  |  |  |  |  |  |
| Adapter Name  | 0                               |  |  |  |  |  |  |
| Debug Flag<br>No of Parallel Transactions   | <ul> <li>Not Present</li> </ul> |  |  |  |  |  |  |
|   |                                 |  |  |  |  |  |  |
|   |                                 |  |  |  |  |  |  |
|   |                                 |  |  |  |  |  |  |
|   |                                 |  |  |  |  |  |  |
|   |                                 |  |  |  |  |  |  |
|   |                                 |  |  |  |  |  |  |

Add LON1 to the Adapter Name Value then click OK

| Gesytec LVU11-1-1-Mip0 Properties   |                 |  |  |  |  |  |
|---|-----------------|--|--|--|--|--|
| General Advanced Driver Details P   | ower Management |  |  |  |  |  |
| The following properties are available for this network adapter. Click the<br>property you want to change on the left, and then select its value on the<br>right. |                 |  |  |  |  |  |
| Property:   | Value:          |  |  |  |  |  |
| Adapter Name<br>Debug Flag  | C LON1          |  |  |  |  |  |
| No of Parallel Transactions   | O Not Present   |  |  |  |  |  |
|   |                 |  |  |  |  |  |
|   |                 |  |  |  |  |  |
|   |                 |  |  |  |  |  |
|   |                 |  |  |  |  |  |
|   |                 |  |  |  |  |  |
|   |                 |  |  |  |  |  |
|   |                 |  |  |  |  |  |
|   |                 |  |  |  |  |  |
|   |                 |  |  |  |  |  |
|   |                 |  |  |  |  |  |
|   | OK Cancel       |  |  |  |  |  |
|   | UK Cancel       |  |  |  |  |  |

This changes the interface name which can now be seen by NodeManager



When you run the NodeManager you must make sure that the Domain for the LonTalk Adapter is the same as the network domain properties.



Select this tab and make sure this reads AA and AB as below.

| n plr<br>Aute | letwork | options          |    | X | 1 |
|---------------|---------|------------------|----|---|---|
| Con           | Add nor | de on servicepin | V  |   |   |
| Upg           | naano   |                  | 1. |   |   |
| late          | Domain  | s 🗛              | AB |   |   |
| No            |         | 1                |    |   |   |
| Lon           |         | Cancel           | OK | 1 |   |
| <b></b>       |         |                  |    | - |   |
| Router        | s       |                  |    |   |   |

Then double click on the LonTalk Adapter and check this is in the same domain range.



#### Add AB into this section.

| Node Propertie                       | es for LonTalk Adapter |
|--------------------------------------|------------------------|
| Attributes Sta                       | atus                   |
| E<br>Ie Name                         | LonTelk Adapter        |
| li Template                          | -Unknown-              |
| Id String                            | EASYLON                |
| Read only<br>Address<br>Domain<br>AA | Disabled Subnet Node   |
|                                      | OK Cancel Apply        |
| C                                    |                        |

Ernitec Tempovej 37-41 2750 Ballerup Denmark www.ernitec.com Once you have added AB in into the blank section click OK.

| Node Properties                      | s for LonTalk Adapter           |   |
|--------------------------------------|---------------------------------|---|
| Attributes Stat                      | itus                            | ] |
| Name                                 | LonTalk Adapter                 |   |
| Template                             | -Unknown-                       | 1 |
| ld String                            | EASYLON                         |   |
| Read only<br>Address<br>Domain<br>AA | Disabled     Subnet Node     In |   |
| AB                                   | 1 126                           |   |
| Neuron Id                            | 80.00.00.1E.8E.68               |   |
|                                      | OK Cancel Apply                 |   |

Your System X can now be programed as normal though your windows 7 PC, if you have any questions relating to this document please contact Ernitec technical support via <a href="mailto:support@Ernitec.com">support@Ernitec.com</a>

| System plugins       Languages         B-Automatic Binder Ernitec System X       Sites         B-Upgrade Ernitec System X       Sites         B-Upgrade Ernitec System X       Address         Device       Sites         B-No Templates/Nodes/Plugins | Control Panel Home       View basic information about your computer         Image: Device Manager       Windows edition         Image: Remote settings       Windows 7 Professional         Copyright © 2009 Microsoft Corporation. All rights reserved.       Service Pack 1         Image: CAProgram Files (x86)\Ernitec\Languages\Ernitec win7 test 2_9.mdb - [Configuration Ernitec System X]       Image: Remote System X]         Image: Database View Nodes Configuration Properties Window Help       Image: Remote System X]   |  |   |  |  |  |  |  |
|--|---|--|---|--|--|--|--|--|
|  | Automatic Binder Ernitec System     Gonfiguration Ernitec System     Gonfiguration Ernitec System X     Gonfiguration Ernitec E |  | Keyboard<br>Matrix<br>Cameras<br>Monitors<br>Macros<br>Sequences<br>Alarms<br>oad | Camera I<br>Camera 1<br>Camera 2<br>Camera 3<br>Camera 3<br>Camera 4<br>Camera 5<br>Camera 5<br>Camera 6<br>Camera 7<br>Camera 7<br>Camera 8<br>Camera 9<br>Camera 10<br>Camera 11<br>Camera 11<br>Camera 12<br>Camera 13<br>Camera 14<br>Camera 15<br>Camera 16 | Camera text displayed on monitor<br>Edit all<br>Camera 1<br>Camera 2<br>Camera 2<br>Camera 3<br>Camera 4<br>Camera 4<br>Camera 5<br>Camera 6<br>Camera 7<br>Camera 8<br>Camera 8<br>Camera 9<br>Camera 10<br>Camera 11<br>Camera 12<br>Camera 13<br>Camera 14<br>Camera 15 | Logical Address Addres | Device<br>Cam PTZ<br>Cam PTZ |  |

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