

Just Add Drivers Config Tool version 5.0.0	_0×
Welcome to the Just Add Power configu	ration suite. Please select one of the options below
Setup a new System	Select this option to setup a new system and configure all the attached J+P devices
Expand existing System	Select this option to modify the configuration of an exitsing system. This could involve adjusting the switch configuration and/or configuring 1 or more J+P devices
Test System	Select this option to test an already configured system
Configure a Device	Select this option to configure a single J+P device connected on the local LAN (or direct from this PC). This enables you to configure a single device for inclusion into the system without having to run through a complete switch configuration.
Firmware Update Only	Select this option to update the firmware on all J+P devices. These can either be attached to a configured switch, or directly on the local network
	Company Details

# JADCONFIG

# MANUAL

### 2020-01-27

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Standalone

### Introduction

JADConfig is a Windows-only software that works with select models of Cisco and Luxul switches to setup VLAN Switching for 2G and 3G Just Add Power HD over IP systems.

VLAN Switching describes an audio/video matrix switching system that uses VLANs in a **Managed Ethernet** switch to separate video signals. Each port on the switch that has a Transmitter connected to it is configured with a **unique VLAN**. The **VLAN membership** of a port with a Receiver connected to it determines the video signal that is going to that Receiver. To perform source-switching, the **VLAN membership** of the Receiver port on the switch is changed.

JADConfig is capable of performing multiple functions for configuring or servicing a Just Add Power system:

- Setup a New System
- <u>Expand Existing System</u> (future functionality)
- Test System
  - o <u>Test Switching</u>
  - o Detect Switch Model
  - o <u>Test Static Route</u>
  - o Read Switch Config
- <u>Configure a Device</u>
- Firmware Update

## Download & Install

Newest version of JADConfig and associated drivers are always available at support.justaddpower.com

- Download the setup file
- Install JADConfig
- Windows ONLY program
  - o Apple hardware running Windows OS may experience issues. Please use a native Windows PC.
- Program automatically updates when new version is available.

# Supported Switches

Make	Model	<b>Driver Supported</b>	Stackable	<b>POE Ports</b>	Max Devices
	AMS-1208P	<b>V</b>		7	9
	AMS-1816P	<b>V</b>		15	17
	AMS-2616P	<b>&gt;</b>		16	25
	AMS-2624P	<b>V</b>		23	25
Luxul	AMS-4424P	Ý	10Gb	368*	368*
	XMS-1208P	Ŷ		7	9
	XMS-2624P	<b>V</b>		23	25
	XMS-5248P	<b>V</b>		47	49
	XMS-7048P	>	<ul> <li>10Gb</li> </ul>	752*	784*
	SG300	Ý		47	51
	SG350	$\checkmark$		47	51
Cisco	SG500	<b>V</b>	SGb	376*	392*
CISCO	SG500X	*	10Gb	376*	376*
	SG550X	*	10Gb	376*	376*

\*Stackable switches can function alone, or in a group to increase system size

# Setup a New System

#### Part 1 – Physical Connections

Connect the PC and the switch

- 1. If no network is involved, select **Next without** router/network and jump to **Step 11**.
- 2. Connect the PC to the network.
- 3. Connect the network to port 1 of the switch.
- 4. Connect the PC to the console port of the switch.
- 5. Select Next with router/network.



- 6. Select the **Network adapter**.
- 7. Select the **COM port**.
- 8. Select the switch Manufacturer.
- 9. The **Switch username** and **Switch password** will auto-fill. If the values are different than default, enter the current username and password.
- 10. Select **Next** and jump to Part 2.



- 11. Connect the PC wired network to port 1 of the switch.
- 12. Connect the PC to the console port of the switch.
- 13. Choose the **Network adapter** connected to the switch.
- 14. Enter the **Switch network address**. This is the IP assigned to the switch.
- 15. Enter the **Network subnet mask** to match the network the switch will be installed in, or to match the control system.
- 16. Enter the **Network default gateway** to match the network the switch will be installed in, or to match the control system.
- 17. Select Next.

L 3 Network adapter	Ethernet - 192.168.0.100 🛛 🗸
<b>14</b> Switch network address	192.168.0.200
15 Network subnet mask	255.255.255.0
16 Network default gateway	192.168.0.1
Back	<b>17</b> Next
	h
Just Add Drivers Config Tool version 5.0.0	
Sust Add Drivers Coning Tool Version 5.0.0	_ ⊔ _
Setup a new system: PC connections	

Setup a new system: Physical connections (No router)

Network

RS232 Cable **12** 

-Console cable from PC to Just Add Power switch

Please make the following physical connection to the switch, enter the required IP details and click next. -A wired network adapter is required

J+P Switch

- 18. Select the **COM port**.
- 19. Select the switch Manufacturer.
- 20. The **Switch username** and **Switch password** will auto-fill. If the values are different than default, enter the current username and password.
- 21. Select Next and move to Part 2.



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#### Part 2 - Stack Setup

Only for stackable switches. If the switch is not stackable, jump to <u>Part 3</u>. Stacking cables between the switches should <u>NOT</u> be connected until told to do so by the software.

- If there is only 1 stackable switch, select Single Switch and jump to Part 3.
- 2. If there are multiple stackable switches, select **Stacked**.
- $\square >$ Setup a new system: Select stacked / unstacked This switch can be configured in two different modes, according to whether it is to operate standalone or as part of a stack of multiple switches. Please select the appropriate mode for your usage Select this option if there is only a single switch in the system. You can still Single Switch expand to multiple switches in the future if needed. Select this option to create a new stack or load an existing one 2 Stacked Back ust Add Drivers Config Tool version 5.0.0 ΟX Setup a new system: Stack configuration Set up a new system incorporating a "stack" of switches, or reconfigure an existing stacked system Create new stack Load existing stack
- 3. If the switches have not yet been joined together into a single stack, select **Create new stack** and jump to **Step 6**.
- If the switches have been joined together into a single stack, select Load existing stack and jump to Step 16.



 Enable the first switch in the stack – referred to as the Master – by selecting Add master switch. Once the Master has been identified it cannot be changed. All other switches can be reorganized later in the process.

Just Add Drivers Config To	ol version 5.0.0 _ 🗍
Setup a new system: C	reate stack
	Connect console cable to the next switch.
	RS232 Cable 6
	Switch 1 (Master)
	Switch 2
Back	Cancel Ok 7





- 6. Confirm that the console cable is connected to the switch that will be the Master.
- 7. Select Ok.

- 8. The program will interrogate the switch and get its current settings.
- 9. Confirm the settings and select **Configure** switch for stack.

- 10. The program will configure the switch as the Master and return to the Create stack page.
- 11. To expand the stack, select Add a switch.





st Add Drivers	Config Tool version !	5.0.0			
Setup a new s	system: Create stacl	k			
onnect console one switch order of	cable to switch that w can be altered once th	ill become slave swi ne stack has been cr	itch 3 reated		
Stack Number	MAC Address	Model	Firmware		
l (Master)	a4-13-4e-23-c0-1d	Luxul AMS4424P	v4.0.8.1		
2	a4-13-4e-1b-46-50	Luxul AMS4424P	v4.0.8.1		
		1 🔿	A del a sociale		
			Add a switch		
		ΤΟ Ι		1 7	

- 12. Move the console connection to the switch that will be added.
- 13. Select **Ok**.

- 14. The program will interrogate the switch and get its current settings.
- 15. Confirm the settings and select **Configure** switch for stack.

- To add additional switches, select Add a switch and repeat steps 13-16.
- 17. To finish adding switches and proceed with the current switches, select **Finished**.

Just Add Drivers Config Tool version	5.0.0	_0×
Setup a new system: Connect sta Connect stacking cables between switc	ack hes and move console cable to unit 1	
Click "Ready" once you have finished o	onnecting the stack.	
	232 Cable Master Switch	
	Slave Switch	Stacking Cable
Back	19	Ready

Just Add Drivers Config Tool version 5.0.0



- 18. Connect the stacking cables between the switches.
- 19. When all stacking cables are connected, select **Ready**.

- 20. A timer will start to allow the switches to configure the stack connection. Let the timer to run to completion.
- 21. **DO NOT** select **Skip** unless the stack has already negotiated.

22. Once the timer has completed, select **Next** 



Just Ad	d Drivers Config	Tool version 5.0.0				_0X
Setu	p a new system:	Reorder stack				
Swap	Stack Number	MAC Address	Model	Firmware		
	1 (Master)	a4-13-4e-23-c0-1d	Luxul AMS4424P	v4.0.8.1		
	2	a4-13-4e-1b-46-50	Luxul AMS4424P	-		
			Swap s	witches	00	
	Back				26	Next

- 23. The order of the switches in the stack is displayed.
- 24. If the order needs to be changed, select the two **Stack Numbers** that should be swapped.
- 25. Select **Swap switches** to change the order.

 Once the switches are in the correct order, select Next to finish stack setup and move to <u>Part 3</u>.

#### Part 3 - System Details & Switch Configuration

Enter the size of the system and IP addresses for the switch and Just Add Power devices.

Just Add Drivers Co

- 1. Enter the number of **Transmitters**. If using a stacked system, this can be done for each switch in the stack.
- 2. Enter the number of **Receivers**. If using a stacked system, this can be done for each switch in the stack.
- 3. Enter the **Default transmitter**. This is the Transmitter that will show on all Receivers after setup is complete.
- Enter the Switch IP address. This is the IP that the control system will use to switch sources. If no router/network was chosen, this value was entered in Part 1.
- Select the J+P LAN. This will decide the IP addresses for the Just Add Power devices.
- 6. For **Advanced** options, jump to **Step 10**.

7. Once all details have been entered, select **Next**.

 The program will check that the Switch IP address is available. Once it is confirmed available, all fields will fade for confirmation.
 Select Next to configure the switch and jump

Stack Transmitters Receivers Default transmitter Switch IP address Netmask J +P LAN Advanced	Stack: 1     Stack: 2       - 0 +     - 0 +       - 0 +     - 0 +       Avaliable: 23     Avaliable: 23       - 1     1       192.168.0.4     255.255.255.0       Class A (10.x.xx)     6	· ?
Back Privers Config Tool version 5. I new system: System detai	0 's	
Stack Transmitters Receivers Default transmitter Switch IP address Netmask J+P LAN Advanced	Stack: 1     Stack: 2       5     +       18     +       Avaliable: 0     Avaliable: 8       -     1       192.168.0.4     255.255.0       Class A (10.x.x.x)	· · ? ? 
Back Privers Config Tool version 5. 1 new system: System detai	.0 s: Confirm	7 Next
Stack Transmitters Receivers	Stack: 1 Stack: 2 5 7 18 8 Avaliable: 0 Avaliable: 8	
Defende to the second second	1	

to Part 4.

- 10. If custom IP ranges are needed, select the Advanced checkbox.
- 11. Select Go to advanced.



- 12. Select the **J+P LAN** or set to **Manual** to customize.
- 13. Enter the identity of the **J+P network**.
- 14. Enter the subnet in the J+P netmask.
- 15. Select the Unused port mode.
  - a. **Control VLAN** sets unused ports into VLAN 1.
  - b. **User Defined** will leave unused ports alone.
- 16. Enter the IP of the router in the system as the **Default gateway**.
- 17. Select **Next** to configure the switch and move to **Part 4**.



#### Part 4 – Connect & Configure Devices

Connect Just Add Power devices to the switch so the program can identify them.

- 1. Connect **Transmitters** to **pink ports**. Ports may be left vacant.
- 2. Connect **Receivers** to **green ports**. Ports may be left vacant.
- 3. Yellow ports are for data network devices. Do not connect Transmitters and Receivers to those ports. During setup, it is recommended that nothing be attached to yellow ports except the network to port 1.
- 4. Select Next.

- Confirm that HDMIs are disconnected from all Transmitters. If a Tiling Transmitter is present, press and hold the PF1 button until the data light on the Transmitter is blinking.
- 6. Check I have disconnected all HDMI cables.
- 7. Select **Next** to begin device discovery.

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 Setup a new system: Switch Layout

 Switch configuration successful

 Port 1 on each unit is reserved for control port

 Other ports should be connected as per the diagram below

 Stack 1

 1
 3
 5
 7
 9
 11
 13
 15
 17
 19
 21
 23
 25

 Stack 1

 1
 3
 5
 7
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 11
 16
 18
 20
 22
 24
 26

 Stack 2
 1
 2
 2
 2
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8. Please be patient as the program discovers all Just Add Power devices connected to the switch.



- 9. A list of the discovered devices and their current details:
  - a. Current firmware
  - b. Current IP address
  - c. Current netmask
  - d. Current default gateway
  - e. TX/RX
  - f. Model
- 10. Ports with no devices detected will have blank row entries.
- 11. Select Display patching diagram to view the port connections on the switch.

Just Ad	a Drivers Config Tool ve	rsion 5.0.0						
Setu	p a new system: Discov	vered dev	ices					
All dev	ices are connected correct	ly but there	e are open ports	. If this is not	expected chec	k that	the devices	
have a	solid power light and blink	king data li	ght and then pre	ess "Rescan a	and append".			
Port	Name	Firmware	Address	Netmask	Gateway	Type	Model	
1/1	-	-	-	-	-	-	-	^
1/2	ast3-gateway0000-2	B1.1.0	169.254.6.125	255.255.0.0	169.254.0.254	Tx	3G TX	
1/3	ast3-gateway0000-3	B1.1.0	169.254.4.238	255.255.0.0	169.254.0.254	Тx	3G+AVP TX	
1/4	-	-	-	-	-	-	-	
1/5	-	-	-	-	-	-	-	
1/6	ast3-gateway0000	B1.1.0	169.254.5.5	255.255.0.0	169.254.0.254	Тx	3G+4+ TX	
1/7	ast3-clientc2000002007c	B1.1.0	169.254.2.115	255.255.0.0	169.254.0.254	Rx	3G RX	
1/8	ast3-clientc200000197d3	B1.1.0	169.254.6.127	255.255.0.0	169.254.0.254	Rx	3G+AVP RX	
1/9	ast3-client82df531ccbc9	B1.1.0	169.254.8.243	255.255.0.0	169.254.0.254	Rx	3G+4+ RX	
1 / 10	ast3-client82b67c7fe69a	B1.1.0	169.254.9.198	255.255.0.0	169.254.0.254	Rx	3G+4+ RX	
1/11	ast3-client826eceb3b99c	B1.1.0	169.254.10.20	255.255.0.0	169.254.0.254	Rx	3G+4+ RX	
1 / 12	ast3-client8262e4b7bca9	B1.1.0	169.254.10.141	255.255.0.0	169.254.0.254	Rx	3G+4+ RX	
1 / 13	-	-	-	-	-	-	-	
1 / 14	-	-	-	-	-	-	-	
1 / 15	-	-	-	-	-	-	-	
1 / 16	-	-	-	-	-	1	1	
1 / 17	-	-	-	-	-	-	-	
1 / 18	-	-	-	-	-	-	-	~
	Rescan	and appen	d Clear	and rescan	Displa	iy pato	hing diagram	
	Back							Next



- 12. The patching diagram shows how devices are connected to the switch.
- 13. If a device is connected to a port with No **device found**, check that the unit is behaving properly.
- 14. A properly functioning unit will have a solid Power light and a blinking Data light.

- 15. If not all devices were properly discovered, there are two rescan options:
  - a. Select Rescan and append to remember current connections and only look for new connections.
  - b. Select Clear and rescan to forget all connections and rediscover all ports.
- 16. Once all devices are discovered, select Next.

ort	Name	Firmware	Address	Netmask	Gateway	Type	Model	
/ 1	-	-	-	-	-	-	-	
/ 2	ast3-gateway0000-2	B1.1.0	169.254.6.125	255.255.0.0	169.254.0.254	Тx	3G TX	
/ 3	ast3-gateway0000-3	B1.1.0	169.254.4.238	255.255.0.0	169.254.0.254	Тx	3G+AVP TX	
4	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	
6	ast3-gateway0000	B1.1.0	169.254.5.5	255.255.0.0	169.254.0.254	Tx	3G+4+ TX	
7	ast3-clientc2000002007c	B1.1.0	169.254.2.115	255.255.0.0	169.254.0.254	Rx	3G RX	
8	ast3-clientc200000197d3	B1.1.0	169.254.6.127	255.255.0.0	169.254.0.254	Rx	3G+AVP RX	
9	ast3-client82df531ccbc9	B1.1.0	169.254.8.243	255.255.0.0	169.254.0.254	Rx	3G+4+ RX	
10	ast3-client82b67c7fe69a	B1.1.0	169.254.9.198	255.255.0.0	169.254.0.254	Rx	3G+4+ RX	
11	ast3-client826eceb3b99c	B1.1.0	169.254.10.20	255.255.0.0	169.254.0.254	Rx	3G+4+ RX	
12	ast3-client8262e4b7bca9	B1.1.0	169.254.10.141	255.255.0.0	169.254.0.254	Rx	3G+4+ RX	
13	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	
15	-	-	-	-	-	-	-	
16	-	-	-	-	-	-	-	
17	-	<b>a</b>	-	h	-	-	-	
18	-		- 1	~	-	-	-	

- 17. **Select firmware** for the system. Newest firmware is always recommended.
- 18. To change the background image on the Receivers:
  - a. Check Enable background image upload
  - b. Select background image and navigate to a .jpg image file that is 1MB or smaller. The image will be displayed at 640x480.
- 19. *DO NOT* **Force firmware update** unless specifically told by technical support personnel.
- 20. Select Next.
- 21. If the system has  $2G\Omega/3G$  devices present, choose the **Mode**:
  - a. **2G mode** makes  $2G\Omega/3G$  and 3G devices compatible with 2G devices
  - b. 3G mode makes 2GΩ/3G and 3G devices compatible with other 2GΩ/3G and 3G devices
  - c. **Do not set** does not alter the mode setting on devices. **This is the recommended setting**.
- 22. Select Next.





Device Type	Preparing	Updating / Rebooting	Finalising	Complete	Failed		
	0	3	0	0	0		
			Processing	. This may t	ake some t	me	
			-				
-							

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Setup a new system: Update firmware

Device settings will be applied and firmware will be updated to the selected version.
 Please be patient, as this process will take several minutes. Move to Part 5.

ΠX

- 1. When configuration and firmware update are finished, a list of the configured devices is displayed.
- 2. Select Next.

		-							
Port	Name	Firmware	Address	Netmask	Gateway	Type	Model	Result	
1/1	-	-	-	-	-	-	-	-	
1/2	ast3-gateway0000-2	B1.2.1	10.0.0.2	255.0.0.0	10.0.0.1	Tx	3G TX	Success	
1/3	ast3-gateway0000-3	B1.2.1	10.0.0.6	255.0.0.0	10.0.0.5	Тx	3G+AVP TX	Success	
1/4	-	-	-	-	-	-	-	-	
1/5	-	-	-	-	-	-	-	-	
1/6	ast3-gateway0000	B1.2.1	10.0.0.18	255.0.0.0	10.0.0.17	Тx	3G+4+ TX	Success	
1/7	ast3-clientc2000002007c	B1.2.1	10.128.0.2	255.0.0.0	10.128.0.1	Rx	3G RX	Success	
1/8	ast3-clientc200000197d3	B1.2.1	10.128.0.3	255.0.0.0	10.128.0.1	Rx	3G+AVP RX	Success	
1/9	ast3-client82df531ccbc9	B1.2.1	10.128.0.4	255.0.0.0	10.128.0.1	Rx	3G+4+ RX	Success	
1 / 10	ast3-client82b67c7fe69a	B1.2.1	10.128.0.5	255.0.0.0	10.128.0.1	Rx	3G+4+ RX	Success	
1 / 11	ast3-client826eceb3b99c	B1.2.1	10.128.0.6	255.0.0.0	10.128.0.1	Rx	3G+4+ RX	Success	
1 / 12	ast3-client8262e4b7bca9	B1.2.1	10.128.0.7	255.0.0.0	10.128.0.1	Rx	3G+4+ RX	Success	
1 / 13	-	-	-	-	-	-	-	-	
1 / 14	-	-	-	-	-	-	-	-	
1 / 15	-	-	-	-	-	-	-	-	
1 / 16	-	-	-	-	-	-	-	-	
1 / 17	-	-	-	-	-	-	-	-	
1 / 18	-	-	-	-	-	-	-	-	
1 / 19	-	-	-	-	-	-	-	-	
1 / 20	-	-	-	-	-	-	-	-	•
1/21	-	-	-	-	-	-	-	-	2
1 / 22	-	-	-	-	-	-	-	-	4

- 3. Input Company Details:
  - a. **Programmer Name\*** mandatory
  - b. Email\* mandatory
  - c. Telephone\* mandatory
  - d. Company Name\* mandatory
  - e. Address
  - f. Notes
- 4. Select Next.



- 5. Choose a location to save the JADConfig Report File
- 6. Name the **Report File**. The default name is the date and time that the program was run.
- 7. Select Save.



- System Details 04:10PM 24 Oct 2018 Date and Time: Wed Switch family: AMS4424P a Luxul admin Username: Password: Switch IP: admin 192.168.0.4 255.255.255.0 b Default Gateway: 192.168.0.1 Number of Transmitters: C ۵ Number of Receivers: d Static Route Information for Router: Network: 10.0.0.0 Netmask: 255.0.0.0 Gateway: 192.168.0.4 Stack Configuration SID 1 a4-13-4e-23-c0-1d SID 2 a4-13-4e-1b-46-50 ==== Stack;Port Configuration MAC Address IP Address Netmask Gateway Model Firmware e 1;1 Control c2:00:00:01:e4:95 10.0.0.2 1;2 Transmitter 1 255.0.0.0 10.0.0.1 3G TX B1.2.1 1;3 Transmitter 2 c2:00:00:02:46:c3 10.0.0.6 255.0.0.0 10.0.0.5 3G+AVP TX B1.2.1 02:97:4b:c9:23:30 10.0.0.10 255.0.0.0 10.0.0.9 3G+4+ TX 1;4 Transmitter 3 B1.2.1 1;5 Receiver 1 c2:00:00:02:00:7c 10.128.0.2 255.0.0.0 10.128.0.1 3G RX B1.2.1 1;6 1;7 Receiver 2 c2:00:00:01:97:d3 10.128.0.3 255.0.0.0 10.128.0.1 3G+AVP RX B1.2.1 255.0.0.0 10.128.0.1 3G+4+ RX B1.2.1 82:df:53:1c:cb:c9 10.128.0.4 Receiver 3 1;8 Receiver 4 82:b6:7c:7f:e6:9a 10.128.0.5 255.0.0.0 10.128.0.1 3G+4+ RX B1.2.1 1;9 1;10 82:6e:ce:b3:b9:9c 10.128.0.6 Receiver 5 255.0.0.0 10.128.0.1 3G+4+ RX B1.2.1 Receiver 6 82:62:e4:b7:bc:a9 10.128.0.7 255.0.0.0 10.128.0.1 3G+4+ RX B1.2.1 1;11 Control 1;12 Control 1;13 Control Control
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- 8. The JADConfig Report File lists all information about the system:
  - a. Switch Model
  - b. Switch IP
  - c. Number of Transmitters & Receivers
  - d. Static Route Information
  - e. Device Information

9. The program has finished. Select **Finish** to return to the main menu.

### Test System

Tests the functionality of a system that has already been configured with JADConfig.



#### Test System has 4 functions:

- 1. <u>Test Switching</u>
- 2. Detect Switch Model
- 3. Test Static Route
- 4. Read Switch Config

### **Test Switching**

1. Select Test switching.



- 2. Select the **Network adapter**. Prefer wired connection.
- 3. Enter the **Switch network address**. This must be a unique IP on the network.
- 4. Select the switch Manufacturer.
- 5. The **Switch username** and **Switch password** will auto-fill. If the values are different than default, enter the current username and password.
- 6. Select Next.



- 7. The program will interrogate the switch and display a switching matrix.
- 8. Select the **TX #** button to switch all displays to the same source.
- 9. Select a **radio button** to set a Receiver to watch a specific Transmitter.
- 10. Select Finish when done.

Just	Add Dr	ivers Co	onfig To	ol versi	on 5.0.0									$-\Box \times$
Τe	est a sy	stem: S	Switchir	ng	8									
	All	TX 1	TX 2	TX 3	TX 4	TX 5	TX 6	TX 7	TX 8	TX 9	TX 10	TX 11	TX 12	^
F	Rx 1	۲	0	0	0	0	0	0	0	0	0	0	0	
F	Rx 2	۲	0	0	0	0	0	0	0	0	0	0	0	
F	Rx 3	۲	0	0	0	0	0	0	0	0	0	0	0	
F	Rx 4	۲	0	0	0	0	0	0	0	0	0	0	0	
F	Rx 5	۲	0	0	0	0	0	0	0	0	0	0	0	
1	Rx 6	۲	0	0	0	0	0	0	0	0	0	0	0	
9	Rx 7	۲	0	0	0	0	0	0	0	0	0	0	0	
F	Rx 8	۲	0	0	0	0	0	0	0	0	0	0	0	
F	Rx 9	۲	0	0	0	0	0	0	0	0	0	0	0	
R	tx 10	۲	0	0	0	0	0	0	0	0	0	0	0	
R	tx 11	۲	0	0	0	0	0	0	0	0	0	0	0	
R	tx 12	۲	0	0	0	0	0	0	0	0	0	0	0	
R	tx 13	۲	0	0	0	0	0	0	0	0	0	0	0	
R	tx 14	۲	0	0	0	0	0	0	0	0	0	0	0	
R	tx 15	۲	0	0	0	0	0	0	0	0	0	0	· <b>1</b> (	
													Fini	sh

#### Just Add JADConfig Manual -BPower Detect Switch Model

1. Select **Detect switch model**.



- 2. Connect the PC to the switch with a serial (console) cable.
- 3. Select the **COM port** for the serial cable.
- 4. Select the switch Manufacturer.
- 5. The **Switch username** and **Switch password** will auto-fill. If the values are different than default, enter the current username and password.
- 6. Select Next.



Ok

COM port

Manufact

COM6

Switch us Switch model detected as LuxulXMS5248P

10

Back

- 7. Allow the program to interrogate the switch.
- 8. When finished, the model number will show in a popup.
- 9. Select **OK** to close the popup.
- 10. Select **Back** to return to the Test submenu.

5

Next

### **Test Static Route**

1. Select Test static route.

 Just Add Drivers Config Tool version 5.0.0

 Itest a system: Options
 Itest as writching
 Allows control of switching the J+P devices from a simple GUI interface
 Detect switch model
 Attempts to detect the connected switches model number
 Itest static route
 Checks that a static route has been correctly configured in the router to give access to J+P devices from the local LAN
 Read switch config
 Reads the switch configuration and generates a report file
 Back
 Itest static route
 Itest static route
 Itest static route
 Itest static configuration and generates a report file
 Itest static route
 Itest static route

- 2. Select the **Network adapter**.
- 3. Enter the Switch network address.
- 4. Select the switch Manufacturer.
- 5. The **Switch username** and **Switch password** will auto-fill. If the values are different than default, enter the current username and password.
- 6. Select Next.



7. Allow the program to interrogate the switch for device information and attempt to contact active Just Add Power devices.



- 8. The result of the test is displayed.
- If the Static Route is properly configured, all active devices will be identified and have Success marked.



- If the Static Route is not properly configured or there are other network settings that are preventing access, no devices will have Success marked. Text at the bottom will give suggestions as to why the devices were unreachable.
- 11. The information for the Static Route can be found on the Report File. If the Report File is unavailable, use the Read Switch Config function to generate a new one.
- 12. Select **Finish** when done.

Just Add Driver	s Config	Tool versi	ion 5.0.0	_ 0 X
Test - Static	route: F	Results		
Address	Model	Firmware	Success	
192.168.50.2	-	-		^
192.168.50.6	-	-		
192.168.50.10	-	-		
192.168.50.14	-	-		
192.168.50.18	-	-		
192.168.50.22	-	-		
192.168.50.26	-	-		
192.168.50.30	-	-		
192.168.50.34	-	-		
192.168.50.38	-	-		
192.168.50.42	-	-		
192.168.50.130	-	-		
192.168.50.131	-	-		
192.168.50.132	-	-		
192.168.50.133	-	-		
192.168.50.134	-	-		
192.168.50.135	-	-		
192.168.50.136	-	-		
192.168.50.137	-	-		
192.168.50.138	-	-		~
		Unable t	o connec	ted to any J+P devices, please check your static route settings
Multiple network	connec	tions detec	ted, pleas	se disable all network connections other than your wired network. (e.g. Wireless network)
1/	•		1.1	10
				12 Finish
	-			

### **Read Switch Config**

1. Select Read switch config.

 Image: Section 10 (Section 10)
 Image: Section 10)

 Image: Section 10)
 Allows control of switching the J+P devices from a simple GUI interface

 Image: Detect switch model
 Allows control of switching the J+P devices from a simple GUI interface

 Image: Detect switch model
 Attempts to detect the connected switches model number

 Image: Test static route
 Checks that a static route has been correctly configured in the router to give access to J+P devices from the local LAN

 Image: Image: Detect switch configuration and generates a report file
 Back

- 2. Select the **Network adapter**.
- 3. Enter the Switch network address.
- 4. Select the switch Manufacturer.
- 5. The **Switch username** and **Switch password** will auto-fill. If the values are different than default, enter the current username and password.
- 6. Select Next.



- 7. Input Company Details:
  - a. Programmer Name\* mandatory
  - b. Email\* mandatory
  - c. **Telephone**\* mandatory
  - d. Company Name\* mandatory
  - e. Address
  - f. Notes
- 8. Select Next.

- 9. Choose a location to save the JADConfig Report File.
- 10. Name the **Report File**. The default name is the date and time that the program was run.
- 11. Select Save.



12. Select **Finish** to return to the main menu.



# **Configure a Device**

1. Connect the PC running JADConfig and the Just Add Power devices to data network ports. These can be data ports on the JADConfig switch or a standard data port on another switch in the network. The discovery process looks for local network devices only.



Add Drivers Config Tool version 5.0.0

Configure a device: Select network adapter

- 2. Select the **Network adapter**. Wired network adapter recommended.
- 3. Select Next.





4. The program will search for Just Add Power devices on the local network. Discovered devices are interrogated for their current settings.

	2	Network adapter	Ethernet - 192.168.1.110	~ <b>.</b>
	Back		3	Next
				h.
t Add	Driven gure a	s Config Tool version 5 device: Discovering s	.0.0 tandalone Just Add Power devices	
	5	5		
			Getting ready to contact devices	
			2 JAD devices found. U successful connections	

Rescan.

7. Select Next.



- 8. Select the J+P Lan.
- 9. Set the **Tx / Rx number**.
- 10. Select Next and jump to Step 16.

5. If the device was not discovered, select

6. Select the device to be configured.

11. If the device IP needs a manual setting, select the **Manual** tab and go to **Step 12**.





- 12. Enter the Address.
- 13. Enter the Netmask.
- 14. Enter the **Gateway**.
- 15. Select Next.

- 16. **Select firmware** to be loaded. Options are the latest firmware versions plus:
  - a. Do Not Update config only
  - b. User Selected choose a firmware file
- 17. To change the background image, check Enable background image upload and Select background image.
- Do NOT check Force firmware update unless specifically told to do so by Technical Support.
- 19. Select Next.



Configure a device: Hybrid 2G / 3G devices detected Hybrid 2G / 3G devices detected Should these be put into 2G or 3G mode? O 2G mode O 3G mode Do not set Back



- 20. If the device being configured is a  $2G\Omega/3G$  or 3G unit, select the **Mode** for the device.
  - A unit in **2G Mode** can communicate with 2G devices and other units in 2G Mode.
  - b. A unit in **3G Mode** can communicate with other units in 3G Mode.
- 21. Select **Next** to begin configuration.

- 22. After the device is configured, the results are displayed.
- 23. Select **Configure another device** to return to **Step 6**.
- 24. Select Finish to return to the Main Menu.

0)

### Firmware Update Only

Firmware Update Only will update all Just Add Power devices simultaneously. There are two methods:

- JADConfig Option #1 Update firmware on all Just Add Power devices in a configured system, but a static route DOES NOT EXIST. This method requires a serial connection from the PC to the switch and a wired network connection from the PC to switch port 1.
- JADConfig Option #2 Update firmware on all Just Add Power devices in a configured system where a static route *EXISTS*. This option requires a wired network connection to the same network as the Just Add Power system.
- Standalone Update firmware on all Just Add Power devices present on the local network and NOT part of a JADConfig system. This method requires a wired network connection from the PC to the same network that the Just Add Power devices are on.

### JADConfig Option #1

 To use Firmware Update: JADConfig Option #1 the switch must have been previously configured with JADConfig. Just Add Power devices attached to Transmitter and Receiver ports will be updated.

1	3	5	7	9	11	13	15	17	19	21	23	25
2	4	6	8	10	12	14	16	18	20	22	24	26



- 2. Connect the PC to the console port of the switch.
- 3. Connect the PC to port 1 of the switch, either through a network or directly from the PC to port 1.





- Disconnect HDMI cables from all Transmitters. If there is a Tiling Transmitter, press and hold PF1 until the data light on the TX board blinks.
- 6. Check the box for I have disconnected all HDMI cables.
- 7. Select Next.



- 8. Select the **Network adapter**.
- 9. Select the **COM port**.
- 10. Select the switch Manufacturer.
- 11. The **Switch username** and **Switch password** will auto-fill. If the values are different than default, enter the current username and password.
- 12. Select Next.



 The program will interrogate the switch and discover all active Just Add Power devices. Please be patient.

Add Drivers Config Tool version 5.0.0		_0>
rmware update: Interrogating switch		
	Processing: Get IP address info	

- 14. A list of the discovered devices and their current details is displayed.
- 15. (optional) Select **Display patching diagram** to view the port connections on the switch.
- 16. If not all devices were properly discovered, there are two rescan options:
  - a. Select **Rescan and append** to remember current connections and only look for new connections.
  - b. Select **Clear and rescan** to forget all connections and rediscover all ports.
- 17. Once all devices are discovered, select Next.

ive a	solid power light and blir	nking data	light and then p	ress "Rescan an	d append".			
ort	Name	Firmware	Address	Netmask	Gateway	Type	Model	
/ 1	-	-	-	-	-	-	-	
/ 2	justaddpower-tx014bea	B1.2.1	192.168.50.2	255.255.255.0	192.168.50.1	Тx	3G+AVP TX	
/3	justaddpower-tx016789	B1.2.1	192.168.50.6	255.255.255.0	192.168.50.5	Тx	3G+AVP TX	
/4	justaddpower-tx016618	B1.2.1	192.168.50.10	255.255.255.0	192.168.50.9	Тx	3G+AVP TX	
/ 5	justaddpower-tx023f39	B1.2.1	192.168.50.14	255.255.255.0	192.168.50.13	Тx	3G+AVP TX	
/6	justaddpower-tx023f35	B1.2.1	192.168.50.18	255.255.255.0	192.168.50.17	Тx	3G TX	
/7	justaddpower-tx023f56	B1.2.1	192.168.50.22	255.255.255.0	192.168.50.21	Tx	3G+AVP TX	
/ 8	justaddpower-tx021829	B1.2.1	192.168.50.26	255.255.255.0	192.168.50.25	Тx	3G TX	
/9	justaddpower-tx0218aa	B1.2.1	192.168.50.30	255.255.255.0	192.168.50.29	Тx	3G TX	
/ 10	justaddpower-tx02181f	B1.2.1	192.168.50.34	255.255.255.0	192.168.50.33	Тx	3G TX	
/ 11	justaddpower-tx0257af	B1.2.1	192.168.50.38	255.255.255.0	192.168.50.37	Тx	3G+4+ TX	
/ 12	-	-	-	-	-	-	-	
/ 13	justaddpower-rx018af2	B1.2.1	192.168.50.130	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	
/ 14	justaddpower-rx01460f	B1.2.1	192.168.50.131	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	
/ 15	justaddpower-rx016a37	B1.2.1	192.168.50.132	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	
/ 16	justaddpower-rx01460d	B1.2.1	192.168.50.133	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	
/ 17	justaddpower-rx014613	B1.2.1	192.168.50.134	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	
/ 18	justaddpower-rx0145f9	B1.2.1	192.168.50.135	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	

Just Add Drivers Config Tool version 5.0.0	_ 0 X
Firmware update: Select firmware	
<b>18</b> Select firmware	B1.2.1 ~
Enable background image upload	
<b>19</b> Select background image	нопр
20 Force firmware update	Select
Back	Z L Next

Just Add Driv	ers Config	Tool version 5.0.0				_ 🗆 🗙
Firmware	update: Up	odate firmware				
Device Type	Preparing	Updating / Rebooting	Finalising	Complete	Failed	
lx Rx	10	0	0	0	0	
101		•	Ŭ			
				Creating Ta	asks	
				07:15		
				57.15		

- 18. Select firmware to be loaded.
- 19. To change the background image, check Enable background image upload and Select background image.
- 20. Do **NOT** check **Force firmware update** unless specifically told to do so by **Technical Support**.
- 21. Select Next.

22. Firmware will be updated to the selected version. Please be patient, as this process will take several minutes.

- 23. When configuration and firmware update are finished, a list of the devices is displayed.
- 24. Select Next.

Firm	ware update: Results								
Port	Name	Firmware	Address	Netmask	Gateway	Type	Model	Result	
1/1	-	-	-	-	-	-	-	-	
1/2	justaddpower-tx014bea	B1.2.1	192.168.50.2	255.255.255.0	192.168.50.1	Тx	3G+AVP TX	Success	
1/3	justaddpower-tx016789	B1.2.1	192.168.50.6	255.255.255.0	192.168.50.5	Тx	3G+AVP TX	Success	
1/4	justaddpower-tx016618	B1.2.1	192.168.50.10	255.255.255.0	192.168.50.9	Тx	3G+AVP TX	Success	
1/5	justaddpower-tx023f39	B1.2.1	192.168.50.14	255.255.255.0	192.168.50.13	Тx	3G+AVP TX	Success	
1/6	justaddpower-tx023f35	B1.2.1	192.168.50.18	255.255.255.0	192.168.50.17	Тx	3G TX	Success	
1/7	justaddpower-tx023f56	B1.2.1	192.168.50.22	255.255.255.0	192.168.50.21	Тx	3G+AVP TX	Success	
1/8	justaddpower-tx021829	B1.2.1	192.168.50.26	255.255.255.0	192.168.50.25	Tx	3G TX	Success	
1/9	justaddpower-tx0218aa	B1.2.1	192.168.50.30	255.255.255.0	192.168.50.29	Тx	3G TX	Success	
1 / 10	justaddpower-tx02181f	B1.2.1	192.168.50.34	255.255.255.0	192.168.50.33	Тx	3G TX	Success	
1 / 11	justaddpower-tx0257af	B1.2.1	192.168.50.38	255.255.255.0	192.168.50.37	Тx	3G+4+ TX	Success	
1 / 12	-	-	-	-	-	-	-	-	
1 / 13	justaddpower-rx018af2	B1.2.1	192.168.50.130	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success	
1 / 14	justaddpower-rx01460f	B1.2.1	192.168.50.131	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success	
1 / 15	justaddpower-rx016a37	B1.2.1	192.168.50.132	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success	
1 / 16	justaddpower-rx01460d	B1.2.1	192.168.50.133	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success	
1 / 17	justaddpower-rx014613	B1.2.1	192.168.50.134	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success	
1 / 18	justaddpower-rx0145f9	B1.2.1	192.168.50.135	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success	
1 / 19	justaddpower-rx0145fa	B1.2.1	192.168.50.136	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success	
1 / 20	justaddpower-rx025769	B1.2.1	192.168.50.137	255.255.255.0	192.168.50.129	Rx	3G+4+ RX	Success	
1 / 21	justaddpower-rx025768	B1.2.1	192.168.50.138	255.255.255.0	192.168.50.129	Rx	3G+4+ RX	Success	
1/22	justaddpower-rx025771	B1.2.1	192.168.50.139	255.255.255.0	192.168.50.129	Rx	3G+4+ RX	Success	
1/23	iustaddpower_rv025770	R1 2 1	192 168 50 1/0	255 255 255 0	192 168 50 129	Rv	3G+4+ RX	Success	

Firmware update the report file ge	: Please fill in the nerated from this	details below. These will then be automatically added to configuration tool	
a Prog	rammer *	Eric Martin	
b Emai	*	eric@justaddpower.com	
C Telej	ohone *	1-800-615-0206	
d Com	pany *	Just Add Power	
e Addı	ress		
£ Note	s		
		26	
			lext

- 25. Input Company Details:
  - a. Programmer Name\* mandatory
  - b. Email\* mandatory
  - c. **Telephone**\* mandatory
  - d. Company Name\* mandatory
  - e. Address
  - f. Notes
- 26. Select Next.

- 27. Choose a location to save the JADConfig Report File
- 28. Name the **Report File**. The default name is the date and time that the program was run.
- 29. Select Save.





30. Select **Finish** to return to the main menu.

#### Just Add JADConfig Manual -BPower JADConfig Option #2

 To use Firmware Update: JADConfig Option #2 the switch must have been previously configured with JADConfig. Just Add Power devices attached to Transmitter and Receiver ports will be updated.

1	3	5	7	9	11	13	15	17	19	21	23	25
2	4	6	8	10	12	14	16	18	20	22	24	26



2. Connect the PC to port 1 of the switch, either through a network or directly from the PC to port 1.

3. Select JADConfig Option #2



- Disconnect HDMI cables from all Transmitters. If there is a Tiling Transmitter, press and hold PF1 until the data light on the TX board blinks.
- 5. Check the box for I have disconnected all HDMI cables.
- 6. Select Next.



- 7. Select the Network adapter.
- 8. Select the **COM port**.
- 9. Select the switch Manufacturer.
- 10. The **Switch username** and **Switch password** will auto-fill. If the values are different than default, enter the current username and password.
- 11. Select Next.





12. The program will interrogate the switch and discover all active Just Add Power devices. Please be patient.

- 13. A list of the discovered devices and their current details is displayed.
- 14. (optional) Select **Display patching diagram** to view the port connections on the switch.
- 15. If not all devices were properly discovered, there are two rescan options:
  - Select Rescan and append to remember current connections and only look for new connections.
  - b. Select **Clear and rescan** to forget all connections and rediscover all ports.
- 16. Once all devices are discovered, select Next.

Firmv All devid	ware update: Discover ces are connected correc	red device	S					
All devid	ces are connected correc							
		tly but the	re are open port	s. If this is not e	expected check t	hat th	e devices	
have a s	solid power light and blir	nking data	ight and then p	ress "Rescan an	d append".			
Port	Name	Firmware	Address	Netmask	Gateway	Type	Model	
1/1	-	-	-	-	-	-	-	
1/2	justaddpower-tx014bea	B1.2.1	192.168.50.2	255.255.255.0	192.168.50.1	Tx	3G+AVP TX	
1/3	justaddpower-tx016789	B1.2.1	192.168.50.6	255.255.255.0	192.168.50.5	Тx	3G+AVP TX	
1/4	justaddpower-tx016618	B1.2.1	192.168.50.10	255.255.255.0	192.168.50.9	Тx	3G+AVP TX	
1/5	justaddpower-tx023f39	B1.2.1	192.168.50.14	255.255.255.0	192.168.50.13	Тx	3G+AVP TX	
1/6	justaddpower-tx023f35	B1.2.1	192.168.50.18	255.255.255.0	192.168.50.17	Тx	3G TX	
1/7	justaddpower-tx023f56	B1.2.1	192.168.50.22	255.255.255.0	192.168.50.21	Tx	3G+AVP TX	
1/8	justaddpower-tx021829	B1.2.1	192.168.50.26	255.255.255.0	192.168.50.25	Тx	3G TX	
1/9	justaddpower-tx0218aa	B1.2.1	192.168.50.30	255.255.255.0	192.168.50.29	Тx	3G TX	
1/10	justaddpower-tx02181f	B1.2.1	192.168.50.34	255.255.255.0	192.168.50.33	Тx	3G TX	
1/11	justaddpower-tx0257af	B1.2.1	192.168.50.38	255.255.255.0	192.168.50.37	Тx	3G+4+ TX	
1 / 12	-	-	-	-	-	-	-	
1/13	justaddpower-rx018af2	B1.2.1	192.168.50.130	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	
1/14	justaddpower-rx01460f	B1.2.1	192.168.50.131	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	
1/15	justaddpower-rx016a37	B1.2.1	192.168.50.132	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	
1/16	justaddpower-rx01460d	B1.2.1	192.168.50.133	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	
1/17	justaddpower-rx014613	B1.2.1	192.168.50.134	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	
1 / 18	justaddpower-rx0145f9	B1.2.1	192.168.50.135	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	
	Rescan	and apper	nd Clea	ar and rescan	Display p	patchir	ng diagram	16
		-		1		1 /		
	Back	a		D		14		Next

- Just Add Drivers Config Tool version 5.0.0
- d Drivers Config Tool Firmware update: Update firmware Device Type Preparing Updating / Rebooting Finalising Complete Failed Тχ 10 0 0 0 0 Rx 12 0 0 0 0 Creating Tasks 07:15

- 17. Select firmware to be loaded.
- To change the background image, check
   Enable background image upload and Select
   background image.
- Do NOT check Force firmware update unless specifically told to do so by Technical Support.
- 20. Select Next.

21. Firmware will be updated to the selected version. Please be patient, as this process will take several minutes.

	iware update: Results							
Port	Name	Firmware	Address	Netmask	Gateway	Type	Model	Result
/ 1	-	-	-	-	-	-	-	-
/ 2	justaddpower-tx014bea	B1.2.1	192.168.50.2	255.255.255.0	192.168.50.1	Тx	3G+AVP TX	Success
/3	justaddpower-tx016789	B1.2.1	192.168.50.6	255.255.255.0	192.168.50.5	Тx	3G+AVP TX	Success
/4	justaddpower-tx016618	B1.2.1	192.168.50.10	255.255.255.0	192.168.50.9	Тx	3G+AVP TX	Success
/ 5	justaddpower-tx023f39	B1.2.1	192.168.50.14	255.255.255.0	192.168.50.13	Тx	3G+AVP TX	Success
/6	justaddpower-tx023f35	B1.2.1	192.168.50.18	255.255.255.0	192.168.50.17	Тx	3G TX	Success
/7	justaddpower-tx023f56	B1.2.1	192.168.50.22	255.255.255.0	192.168.50.21	Тx	3G+AVP TX	Success
1/8	justaddpower-tx021829	B1.2.1	192.168.50.26	255.255.255.0	192.168.50.25	Тx	3G TX	Success
1/9	justaddpower-tx0218aa	B1.2.1	192.168.50.30	255.255.255.0	192.168.50.29	Тx	3G TX	Success
1 / 10	justaddpower-tx02181f	B1.2.1	192.168.50.34	255.255.255.0	192.168.50.33	Тx	3G TX	Success
1 / 11	justaddpower-tx0257af	B1.2.1	192.168.50.38	255.255.255.0	192.168.50.37	Тx	3G+4+ TX	Success
1 / 12	-	-	-	-	-	-	-	-
1 / 13	justaddpower-rx018af2	B1.2.1	192.168.50.130	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success
1 / 14	justaddpower-rx01460f	B1.2.1	192.168.50.131	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success
1 / 15	justaddpower-rx016a37	B1.2.1	192.168.50.132	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success
1 / 16	justaddpower-rx01460d	B1.2.1	192.168.50.133	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success
1 / 17	justaddpower-rx014613	B1.2.1	192.168.50.134	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success
1 / 18	justaddpower-rx0145f9	B1.2.1	192.168.50.135	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success
1 / 19	justaddpower-rx0145fa	B1.2.1	192.168.50.136	255.255.255.0	192.168.50.129	Rx	3G+AVP RX	Success
1 / 20	justaddpower-rx025769	B1.2.1	192.168.50.137	255.255.255.0	192.168.50.129	Rx	3G+4+ RX	Success
1 / 21	justaddpower-rx025768	B1.2.1	192.168.50.138	255.255.255.0	192.168.50.129	Rx	3G+4+ RX	Success
1 / 22	justaddpower-rx025771	B1.2.1	192.168.50.139	255.255.255.0	192.168.50.129	Rx	3G+4+ RX	Success
1 / 23	iustaddpower-rv025770	B121	192 168 50 140	255 255 255 0	192 168 50 129	Rv	3G+4+ RX	Success



- 22. When configuration and firmware update are finished, a list of the devices is displayed.22. Calcut Number 1
- 23. Select Next.

- 24. Input Company Details:
  - a. Programmer Name\* mandatory
  - b. Email\* mandatory
  - c. Telephone\* mandatory
  - d. Company Name\* mandatory
  - e. Address
  - f. Notes
- 25. Select Next.

- 26. Choose a location to save the JADConfig Report File
- 27. Name the **Report File**. The default name is the date and time that the program was run.
- 28. Select Save.



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29. Select **Finish** to return to the main menu.

### Standalone

 Connect the PC running JADConfig and the Just Add Power devices to data network ports. These can be data ports on the JADConfig switch or a standard data port on another switch in the network. The discovery process looks for local network devices only.







2. Select Standalone.

- 3. Select the **Network adapter**. Wired adapter recommended.
- 4. Select Next.

5. The program will search for Just Add Power devices on the **local network**. Discovered devices are interrogated for their current settings.



- 6. If not all devices are discovered, choose one of the rescan options:
  - a. **Rescan and append** will remember the found devices and only look for new devices
  - Clear and rescan will forget all devices before rescanning for all devices
- 7. When all devices have been discovered, select **Next**.

Just Add Drivers Config Too	l version 5	.0.0					_0×
Firmware update: Disco	vered dev	vices					
Device	Firmware	Address	Netmask	Gateway	Direction	Model	
ast3-clientc20000021c24	A6.5.5	169.254.132.125	255.255.0.0	169.254.0.254	Rx	3G RX	
ast3-clientc2000001b0db	A6.5.5	169.254.161.17	255.255.0.0	169.254.0.254	Rx	3G+AVP RX	
ast3-gatewayc20000024697	A6.5.5	169.254.113.88	255.255.0.0	169.254.0.254	Tx	3G+AVP TX	
ast3-gatewayc200000252a0	A6.5.5	169.254.84.70	255.255.0.0	169.254.0.254	Tx	3G TX	
		Rescan and ap	opend	Clear and re	scan		10
				1			
Back		a		b		Į	Next

Just Add Drivers Config Tool version 5.0.0	_ 0 ×
Firmware update: Select firmware	
<b>11</b> Select firmware	B1.2.1 ~
Enable background image upload	
<b>12</b> Select background image	Select
<b>13</b> Force firmware update	□ ?
Back	<b>14</b> Next

- 8. Select firmware to be loaded.
- To change the background image, check
   Enable background image upload and Select
   background image.
- Do NOT check Force firmware update unless specifically told to do so by Technical Support.
- 11. Select Next.

Just Add Driv	ers Config	Tool version 5.0.0				_ 0 X
Firmware (	update: Uj	pdate firmware				
Device Type	Preparing	Updating / Rebooting	Finalising	Complete	Failed	
Tx	0	2	0	0	0	
Rx	0	2	0	0	0	
_			Processing	. This may t	ake son	ne time
				05:10		

	Tool versio	on 5.0.0						_ C	]×
Firmware update: Re	sults								
Name	Firmware	Address	Netmask	Gateway	Type	Model	Result		
justadd power-tx024697 justadd power-rx021c24 justadd power-rx01b0db justadd power-tx0252a0	B1.2.1 B1.2.1 B1.2.1 B1.2.1 B1.2.1	169.254.4.18 169.254.1.43 169.254.7.11 169.254.4.111	255.255.0.0 255.255.0.0 255.255.0.0 255.255.0.0	169.254.0.254 169.254.0.254 169.254.0.254 169.254.0.254	Tx Rx Rx Tx	3G+AVP TX 3G RX 3G+AVP RX 3G TX	Success* Success* Success* Success*		
justaddpower-tx0252a0	B1.2.1	169.254.4.111	255.255.0.0	169.254.0.254	Tx	3G TX	Success*		



12. The firmware update process will take several minutes. Once firmware update has begun, it must not be interrupted. Please be patient.

 The results of the firmware update are displayed. Devices at default settings may change IP address after firmware updating.

#### 14. Select Next.

- 15. Input Company Details:
  - a. Programmer Name\*
  - b. Email\*
  - c. Telephone\*
  - d. Company Name\*
  - e. Address
  - f. Notes

#### 16. Select Next.

- 17. Choose a location to save the **Report File**.
- 18. Name the **Report File**. The default name is the date and time that the program was run.
- 19. Select Save.





