



**DRAFT**

# Integriti Software - Connecting directly to an Integriti controller using static addressing

## Introduction

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This document explains how to connect your Integriti controller to the Integriti software management suite directly using a crossover Ethernet cable.

## Before you start

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Before continuing you will need to ensure that the Integriti software is installed and running on your computer. You will need to have an appropriate level of access on your computer to be able to change the IP address.

An Integriti controller will need to be connected to a network that the Integriti software can access. Alternatively, the controller can be connected directly to the computer using a network crossover cable.

The Integriti controller should be installed as per the 'Integriti control module installation manual'. It is assumed that one elite terminal has been attached to the device LAN.

## Procedure

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In this procedure we are going to assign static IP addresses to the Integriti controller and the computer to which it is connecting. The IP address assigned to the controller is 192.168.1.2 and the IP for the computer will be 192.168.1.3.

## Controller configuration

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There are two items that need to be configured on the controller. The first item is the NIC (Network Interface Card) built in to the controller. The second item is the Integriti communications task.

### Configure the NIC -

1. Log in to the controller: [0], [1], [Ok]
2. Go in to NIC programming: [Menu], [7], [3], [4]
3. Select the first NIC to program: [Ok]
4. Enter in an IP address for the controller: [1], [9], [2], [1], [6], [8], [0], [0], [1], [0], [0], [2], [Ok]
5. Enter the subnet mask: [2], [5], [5], [2], [5], [5], [2], [5], [5], [0], [0], [0], [Ok]
6. Leave the gateway and DNS entries as all 0's: [Ok] x 3
7. Disable the DHCP option: [5], [Ok]

### Configure the communications task -

8. Go in to the communications task programming menu: **[Menu], [7], [3], [1]**
9. Delete the Integriti communications task: **[0], [0], [Ok], [9], [Ok]**
10. Restart the controller by removing and reapplying power.
11. Log in to the controller: **[0], [1], [Ok]**
12. Verify the controller IP address is 192.168.1.2: **[Menu], [1], [9], [▼] x4**

## Computer configuration

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The following procedure has been written for Windows 7. If you are using a different operating system, you will need to refer to the documentation for your operating system.

### Open the network connections control panel -

13. Open the control panel.  
*Start » Control Panel » View network status and tasks » Change adapter settings*

### Configure your Ethernet adaptor -

14. Right-click the 'Local Area Connection' icon and select properties.
15. Select 'Internet Protocol Version 4 (TCP/IPv4)' under 'This connection uses the following items:'.
16. Click Properties.
17. Click 'Use the following IP address:'.
18. Enter '192.168.1.3' in to the 'IP address:' field. This will be the static IP of the server.
19. Click in the 'Subnet mask:' field. It should automatically populate with the subnet mask '255.255.255.0'.
20. Click OK.
21. Click Close.

### Attempt to ping the controller (optional) -

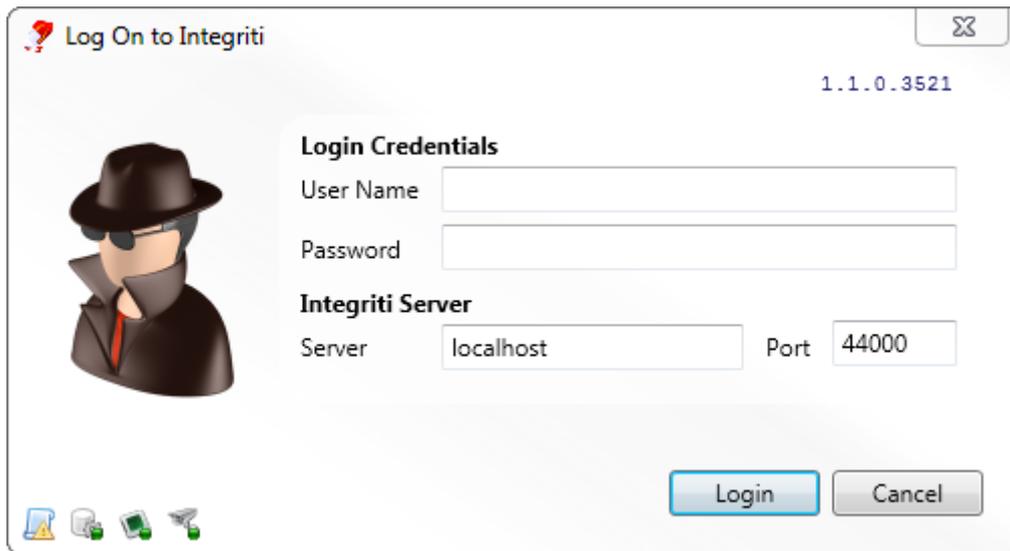
22. Open the command prompt by clicking the 'Start' button, typing 'cmd' and pressing enter.
23. Enter in the following: 'ping 192.168.1.2'.
24. You should expect to see four lines similar to the following example:  

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Reply from 192.168.1.2: bytes=32 time<1ms TTL=128
```
25. Enter in the following: 'exit'.

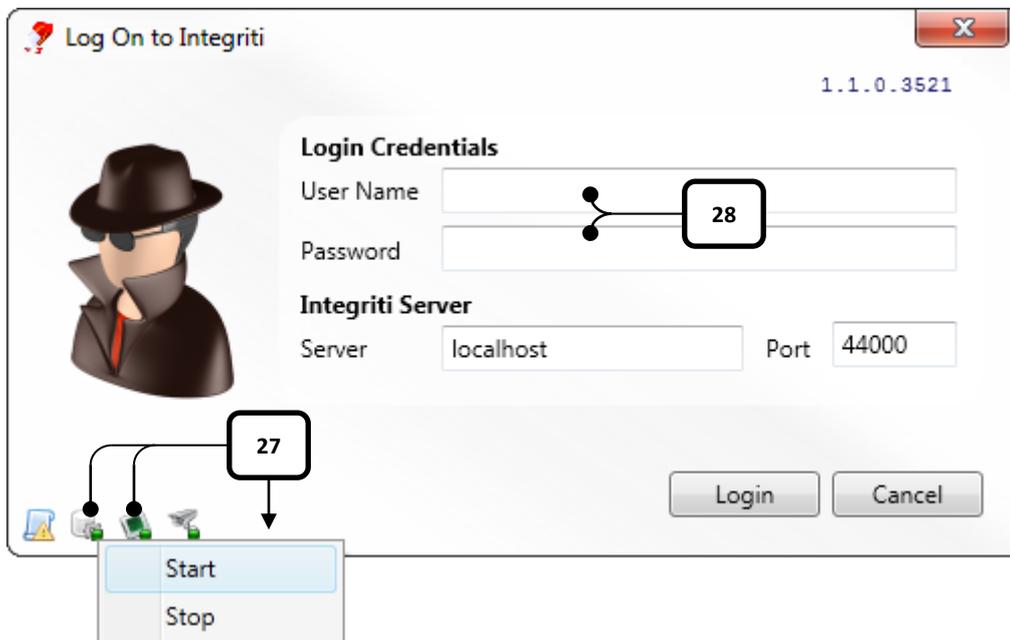
## Integriti configuration

### Log in to Integriti -

26. Run the Integriti client by clicking on the program icon under the start menu.  
*Start » All Programs » Inner Range » Integriti Pro » Integriti System Designer*



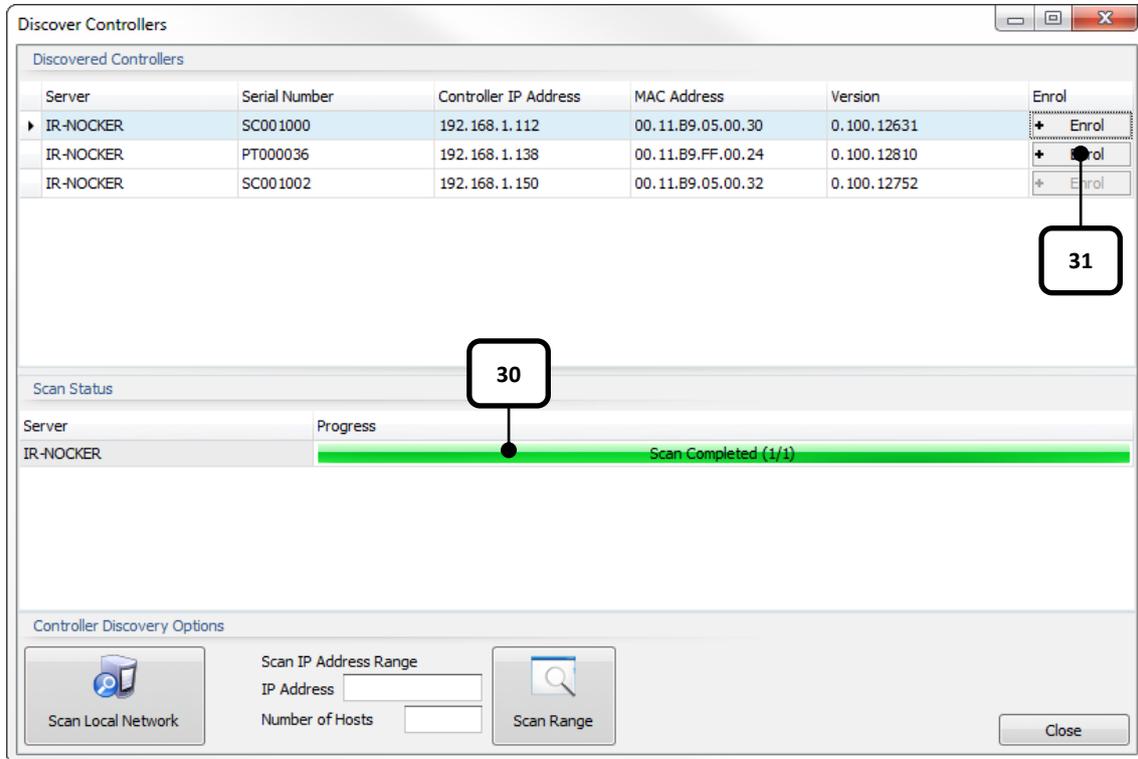
27. Start the services (if they are not already running).



28. Log in using the username 'installer' and password 'installer'.

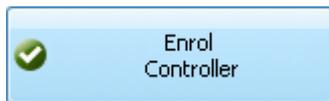
## Enrol the controller -

29. Click on discover controllers.

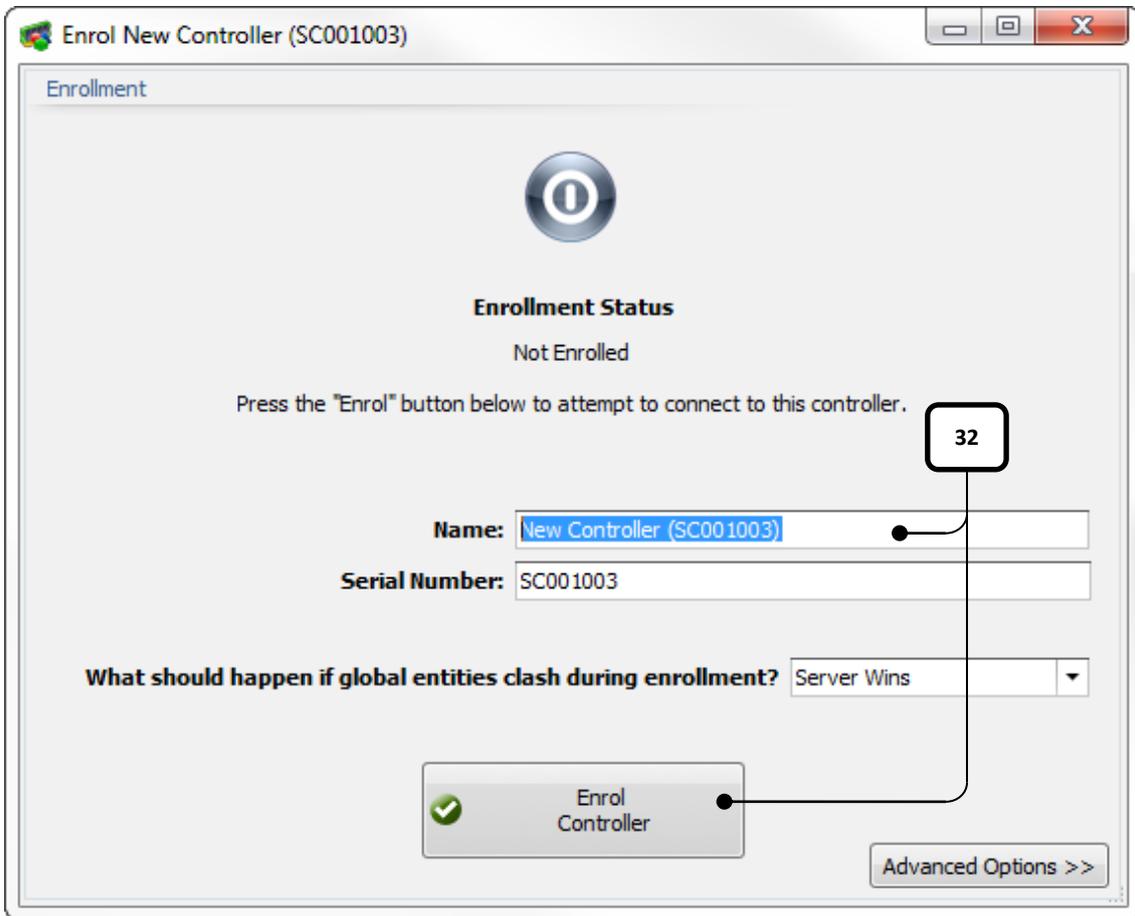


30. Wait for your panel to appear in the list of available controllers.

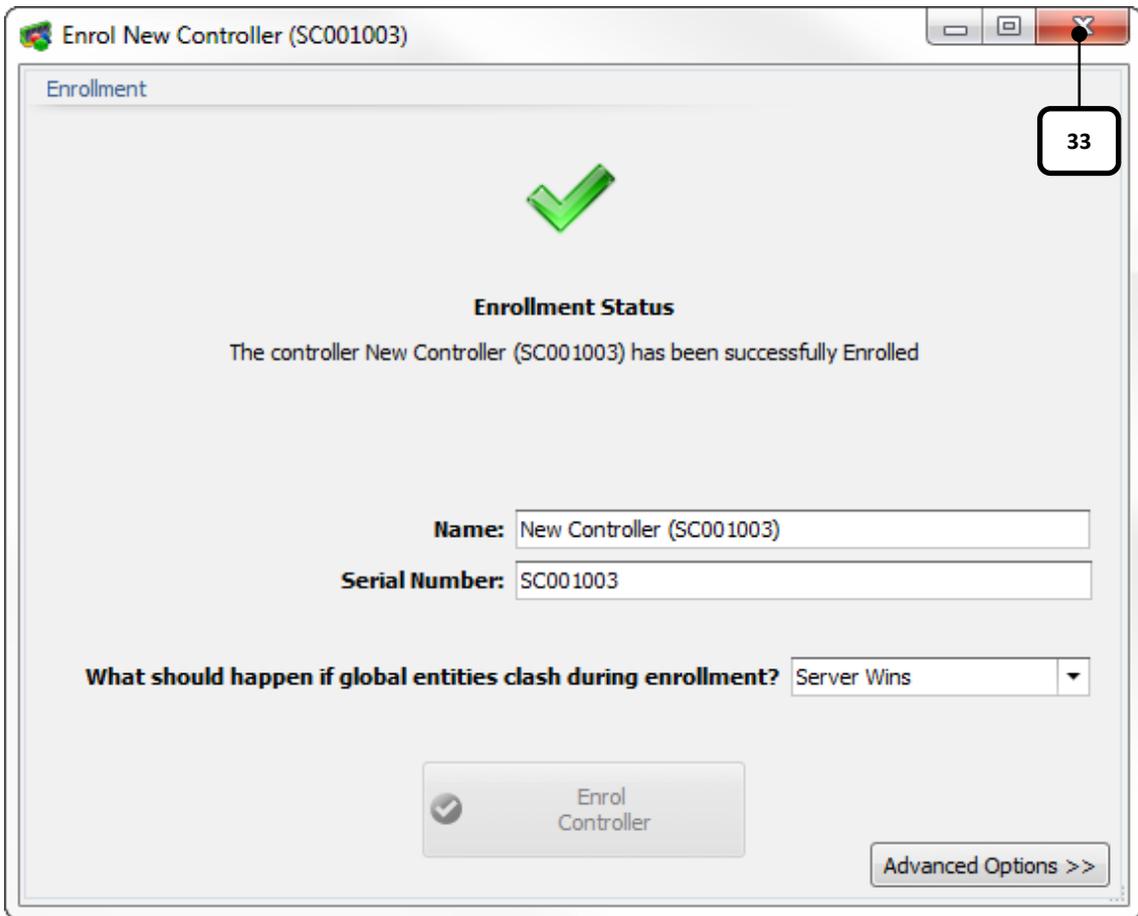
31. Click **+ Enrol**.



32. Give the panel a name and click



33. Once the controller has been enrolled, close the window.



34. The controller should appear under the default site in the navigation panel.

## Common problems

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Problem	Resolution
<b>Can't ping the controller.</b>	<ul style="list-style-type: none"><li>• Ensure the network lead you are using is a crossover cable.</li><li>• Ensure the 'link' light is on / flashing on the controller.</li><li>• Ensure the computer indicates that there is network connectivity.</li><li>• Verify the NIC on the controller has been configured correctly as per the procedure outlined in this document.</li><li>• Make sure the network adaptor on your computer is enabled.</li><li>• Verify the network adaptor settings for the computer are same as per the procedure in this document.</li><li>• Ensure the controller is running. L4 and L5 alternating.</li></ul>
<b>My controller is not discovered.</b>	<ul style="list-style-type: none"><li>• Your controller is not part of the same subnet.</li><li>• Your controller is not connected to the same network.</li><li>• Ensure the controller is running. L4 and L5 alternating.</li></ul>
<b>Enrolment fails.</b>	<ul style="list-style-type: none"><li>• Confirm the controller firmware revision is compatible with the Integriti version you are using.</li></ul>

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