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# Controller How2

Version 0. 1

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# Revision History

Name	Date	Reason For Changes	Version
MDH	5-Nov-10	Initial document	0.1

## Contents

1. Comms Interface Setup .....	3
a. Fields.....	3

# 1. Comms Interface Setup

## a. Fields

- **Description:** The description of the controller. This is normally the location of the controller or the name of the area it controls
- **Status:** This is the current status of the controller. Offline the controller is not communicating with the comms interface and as such the software
- **Type:** The kind of controller communicating to. For a CR390 the type CR355 must be used for access control or vending for all vending function
- **Comms interface:** The Comms interface the controller is attached via RS485.
- **Node:** The Node Address for the controller. This must be unique for each RS485 LAN. Typically this starts at 1
- **Order:** Order/position instaled on LAN (...,-2,-1, master=0,1,2..).
- **Power:** Run a Set-up, and cards reset to controller on controller power-up.
- **Version:** Current Version of the Firmware on the Controller
- **Satatus DT:** The last time the Controller came online
- **PowerUp DT:** The Last time the controller was turned on.
- **Update Cards:** Is the software currently running a cards setup to the controller(0= No cards setup, 1=cards setup is scheduled, 2= busy running cards setup to controller).
- **Update Setup:** Is the software currently running a setup to the controller(0= not set, 1=set, 2= in process).

## b. Typical Setup

- In the **Description** Field enter the name of the controller.
- In the **Type** Field select the type of controller in use. A CR390 must be selected as a CR355 when using access and vending When vending is required
- In the **Comms interface** Field select the comms interface device used(RS485 Master)
- In the **Node** Field enter the controller node address.
- The controller should now be online
- In the **Power** Field place a tick if needed.
- In the **Order** Field set the controller LAN Order if required.

	Description	Status	Type	Comms Interface	Node	Or...	Power	Version	Status DT	PowerUp DT	Update Cards	Update Setup
1	Controller Name	On-line	CR355	TCP/IP	1	0		CR390 00.96	2011/01/24 14:39:57	2011/01/24 14:39:57	0	0
2	zController 02	Off-line		zComms Interface 0	2	-1					0	0
3	zController 03	Off-line		zComms Interface 0	0	1					0	0
4	zController 04	Off-line		zComms Interface 0	0	-2					0	0
5	zController 05	Off-line		zComms Interface 0	0	-3					0	0
6	zController 06	Off-line		zComms Interface 0	0	-4					0	0
7	zController 07	Off-line		zComms Interface 0	0	2					0	0
8	zController 08	Off-line		zComms Interface 0	0	3					0	0
9	zController 09	Off-line		zComms Interface 0	0	4					0	0
10	zController 10	Off-line		zComms Interface 0	0	0					0	0
11	zController 11	Off-line		zComms Interface 0	0	0					0	0
12	zController 12	Off-line		zComms Interface 0	0	0					0	0
13	zController 13	Off-line		zComms Interface 0	0	0					0	0
14	zController 14	Off-line		zComms Interface 0	0	0					0	0
15	zController 15	Off-line		zComms Interface 0	0	0					0	0
16	zController 16	Off-line		zComms Interface 0	0	0					0	0
17	zController 17	Off-line		zComms Interface 0	0	0					0	0