

Procare Door Controller

START HERE



Overview

The Door Controller attaches to your Check In computer and your electrically operated interior door. When a person completes the check in process, the door circuit receives a signal from the Door Controller to buzz the door open.

Before You Begin

Install the Procure "client" software on the Check In computer. This could be any standard computer or a Procure Touch computer. You'll need the *Procure CheckIn* program running to set the options needed for the Door Controller.

For detailed instructions search ProcureSupport.com for the following articles:

- Install on Check In Computer (article: KB0495)
- Special Instructions for Procure Touch (article: KB0911)

Connect the Door Controller



For videos and additional details search ProcureSupport.com for article KB0494.

1. Choose the right adapter to connect the Door Controller to your computer (page 2).
2. Connect the Door Controller to your electrically operated door (page 4).
3. Choose software settings and test the controller (page 5).

What's Next?

Learn how to check people in and out. Search ProcureSupport.com for article KB0228.

Choose the Right Adapter

Does the Door Controller need an Adapter?

The Door Controller is a serial device. You may need an adapter to connect it to your computer as follows:

A.) Standard Computer with USB Adapter

Since most new computers do not have a serial port, use the blue USB adapter that comes pre-attached to the cable (figure 1). Do NOT connect it to your computer yet! **YOU MUST INSTALL THE DRIVER FIRST – SEE PAGE 3.**



Figure 1
USB Adapter connected to
Serial Cable

B.) Procure 8” Touch Computer with RJ-45 “Pigtail”

This is a good solution when the door controller is close to the computer and you do not need to go through a wall. REMOVE the blue USB adapter. Then attach the black RJ45 adapter that *came with the touch computer* (figure 2). Connect the wide end (serial end) to the gray serial cable (from the door controller) and the narrow end (RJ45 connector) to any COM port on the bottom edge of the computer labeled Com1, Com2, etc.

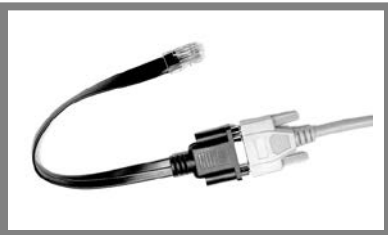


Figure 2
RJ45 “Pigtail” connected to
Serial Cable

C.) Procure 8” Touch Computer with RJ-45 Adapter + Network Cable

This is a good solution when the cable needs to run through a wall or when the door controller is too far away for using the “pigtail” option. REMOVE the blue USB adapter. Then attach the gray/tan RJ45 adapter that *came with the door controller* (figure 3). Connect the wide end (serial end) to the gray serial cable (from the door controller) and the narrow end (RJ45 connector) to a standard Cat5 network cable (not included). Connect the other end of the network cable to any COM port on the bottom edge of the computer labeled Com1, Com2, etc. DO NOT connect it to the network jack!

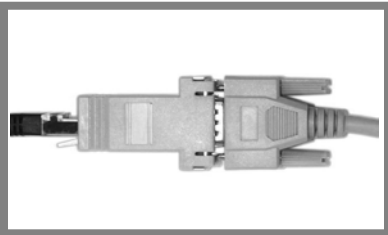


Figure 3
RJ45 Adapter with
Network Cable connected
to Serial Cable

>> Continue reading for a Standard Computer (option "A" page 2), otherwise skip this page. <<

Install Driver First, then Connect to Computer

You **MUST** install the driver **BEFORE** you connect the blue USB adapter to your computer.

For Windows 7:

Go to ProcareSupport.com and search for article # KB0250 which contains a link to download the USBGear driver. Once the driver is installed continue with step 3 (below).

For Windows Vista, XP or 2003:

Use the mini CD (included) and follow these steps.

1. Log on to your computer as a local Administrator and insert the USBGear mini CD.
If the CD does not start on its own then *Open "My Computer"* and *Dbl-click* the *CD drive* (should say "USBGear") then *Dbl-click* the file named *Start* (or *Start.html*).
2. Under "Driver Installation" click *Windows Vista, 2003, XP, 2000 Driver*. If you have a choice between *Save* and *Run* choose *Run*. Installation takes just a few seconds. When it is complete you may need to tap *Enter* on your keyboard to close the window.
3. Plug the blue colored adapter into a USB Port on your computer. The blue adapter should have come pre-attached to a grey colored Serial Cable (See figure 1 on page 2).

Optional: If needed you may attach the USB extension cable to the blue adapter. Then plug the extension cable into your computer (Figure 4).

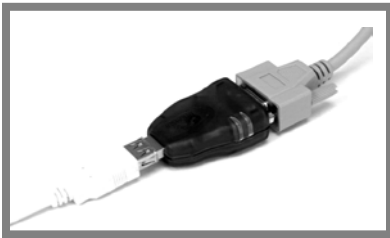


Figure 4
Optional extension cable
connected to USB adapter

Connect to Your Electric Door Circuit

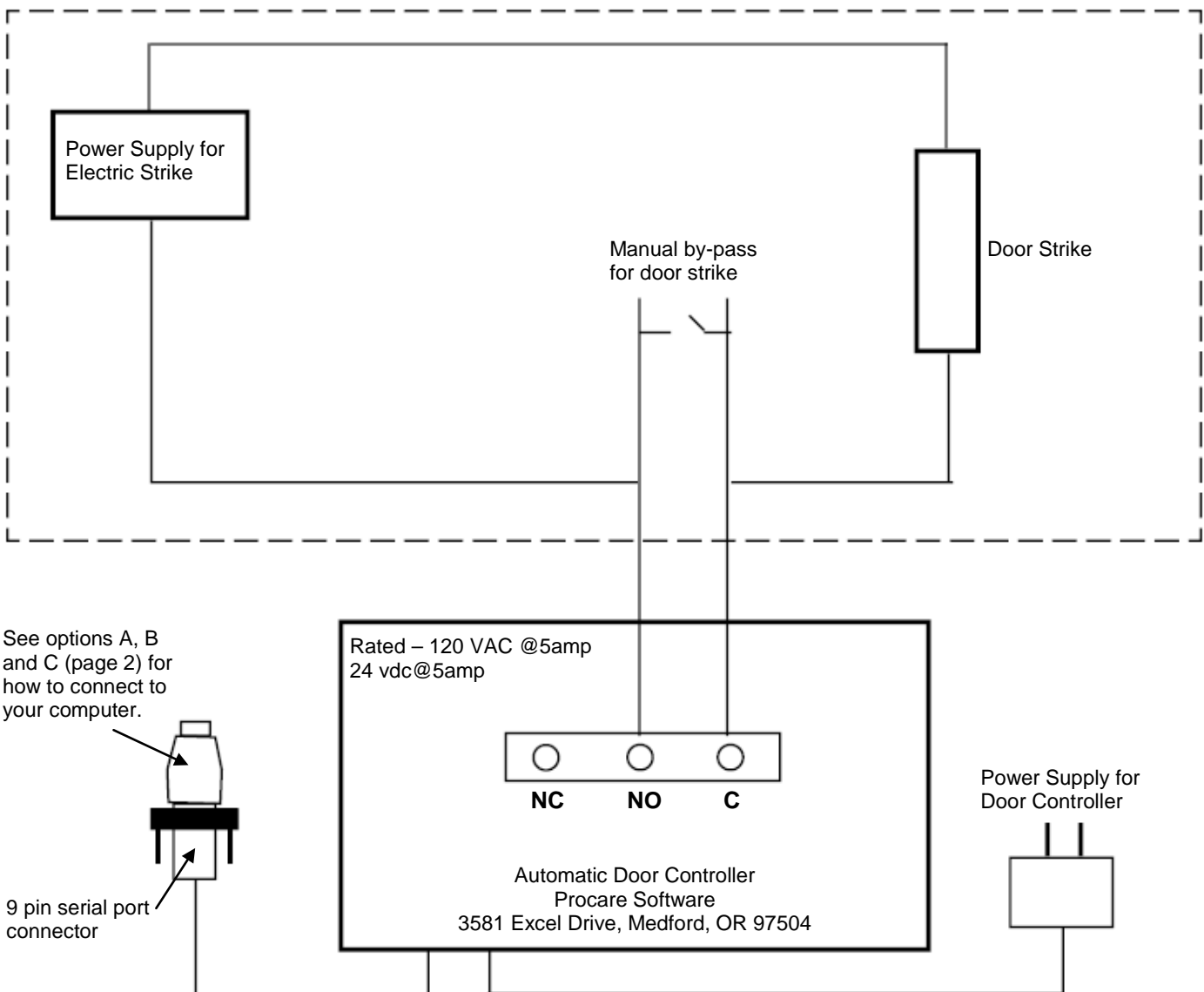
Install the Door Controller

The Door Controller is designed as a switch for controlling an electrically operated door strike (not supplied). Install the Door Controller as follows:

1. See options A, B and C (page 2) for how to connect your computer to the gray serial cable of the door controller. For option "A" you **MUST** install the drivers first (page 3).
2. Connecting the Door Controller:
 - a. Attach one wire from the Door Strike circuit to the *Common (C)* terminal.
 - b. For an Electric Door Strike: Connect the other wire to the *Normally Open (NO)* terminal.
 - c. For a Magnetic Lock: Connect the other wire to the *Normally Closed (NC)* terminal.
 - d. Plug the Door Controller into a 110 VAC wall outlet. Use of a surge protector is recommended.

Note: You'll need a separate power supply for your electrically operated door.

Electric Door Strike Circuit – Not Supplied




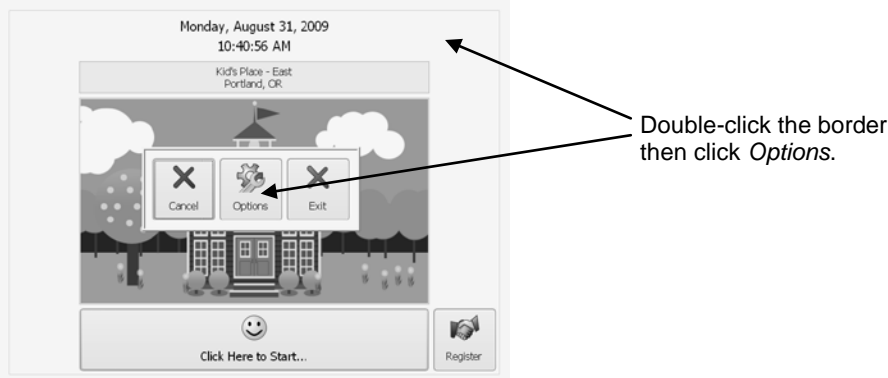
Door Controller - Software Settings

Set Options & Test Controller

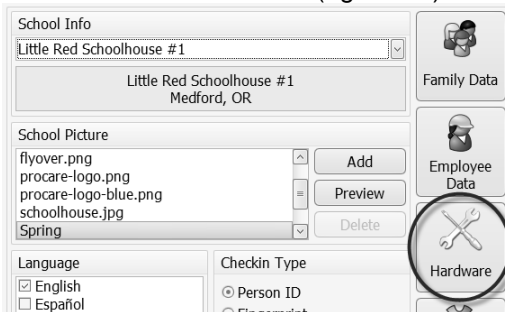
You will need to choose settings such as the Comm Port used by the Door Controller.

At the Check In computer:

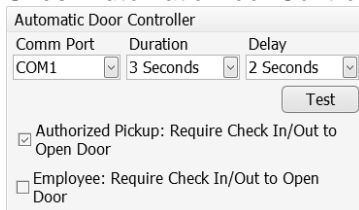
1. Dbl-click the *Procare Check In* shortcut on your computer desktop. 
2. Dbl-click anywhere in the gray border area around the logo (or press *Esc* on your keyboard) then click *Options*.



3. Click the *Hardware* button (right side).



4. Under *Automatic Door Controller*.



- a. Choose the computer *Comm Port* to which the Door Controller is attached.
- b. Set the *Duration* (time you'd like the door to stay open).
- c. Pick the *Delay* (time to wait before the door opens).
- d. Click the *Test* button to confirm the door opens. Your door circuit must be attached to the Door Controller and both the door strike and controller unit must have power.
- e. Check the box next to *Authorized Pick Up* and/or *Employee* if you wish to require a person to check in/out in order to open the door.

Explanation: For staff you would often leave this unchecked so they could open the door as needed throughout the day. In other words they could enter their credentials (fingerprint, etc.) and click *Finish* without having to actually check in or out.