

# rcc.521 Software Installation & Update Instructions

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## Introduction

The Refrigeration Case/Circuit Controller (rcc) is a component of Novar’s Open Architecture, Opus™ Refrigeration Control System. It consists of a control module with five inputs, two outputs, and one valve support, a remote display module and a selection of compatible refrigeration temperature and pressure sensors



Figure 1. rcc.521 system

This document contains the instructions for installing the software components needed to operate Novar’s rcc.521 system. For further instructions and updated material, go to [www.novar.com/manuals](http://www.novar.com/manuals) to download the following:

- *rcc.521 Mounting and Wiring Instructions*
- *rcc.521 User Guide*
- *Sensor Data Sheet/ Install Instructions*

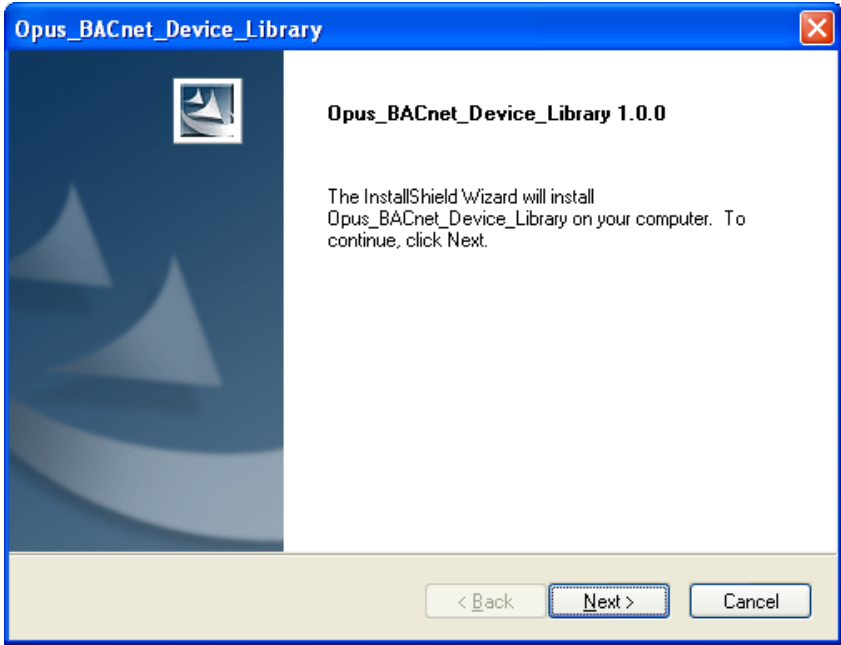
The **rcc.521** (Figure 1) is designed to be mounted in an un-refrigerated, non-condensing, location inside a refrigerated display case, inside a compressor rack house electrical panel or an electrical panel controlling a walk in freezer/cold room.

## Software Installation

Complete the software installation procedure to install necessary files for making use of the rcc.521 controller within a Novar Opus Refrigeration Control system.

The following procedure will add files into an existing Novar Opus Supervisor installation.

#### Step Table

Step	Procedure
1	Download “Opus_BACnet_Device_Library.zip” from the Novar website (Register or log-in at <a href="http://www.novar.com">www.novar.com</a> and select <b>Software Updates</b> under <b>MyNovar</b> .) and extract and open the executable file to begin the installation. (If prompted for a password, a Novar representative should be contacted at 1-800-348-1235)
2	<p>Select <b>Next</b> on the installation welcome screen after which a required license agreement will display. The installation will terminate unless the agreement is accepted.</p>  <p><b>Figure 1. “Opus_BACnet_Device_Library.zip” welcome screen</b></p>

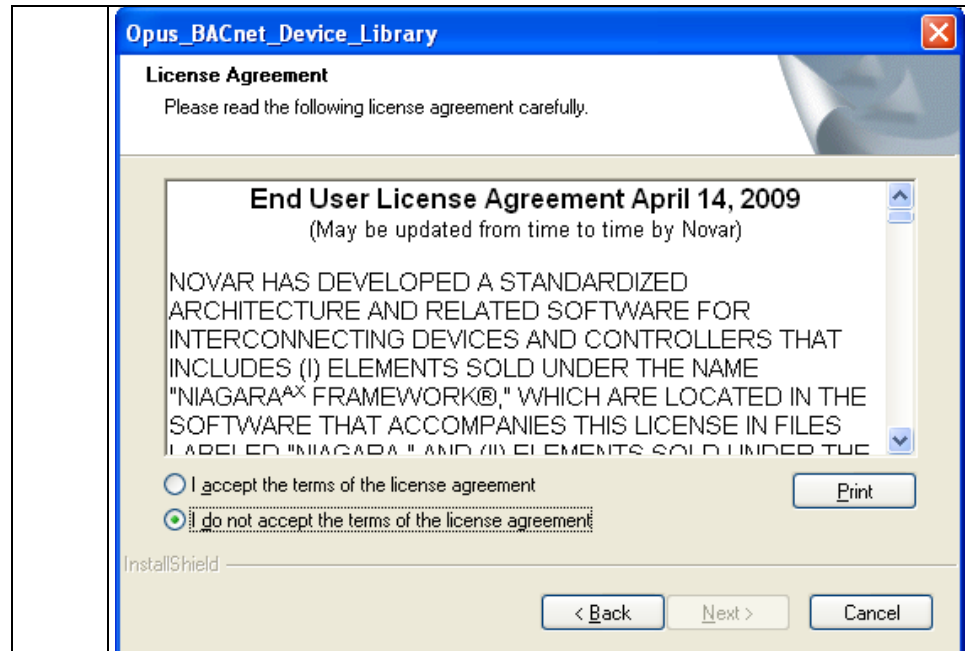


Figure 2. License Agreement

3 Once End User License Agreement is read, click the bullet beside “I accept the terms of the license agreement” and then select the **Next** button to continue the installation. This will prompt installation via the default target directory of the existing Opus Supervisor installation.

4 Select **Yes** to accept the default location. If **No** was selected, follow the prompts to browse and select an alternate directory. A very brief progress indicator will flash on the screen.

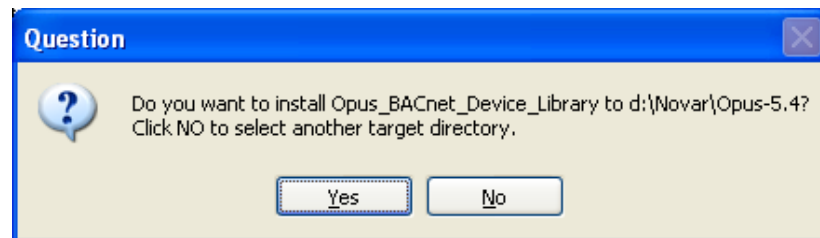


Figure 3. Default directory prompt

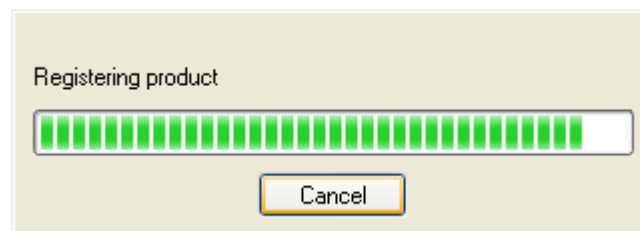
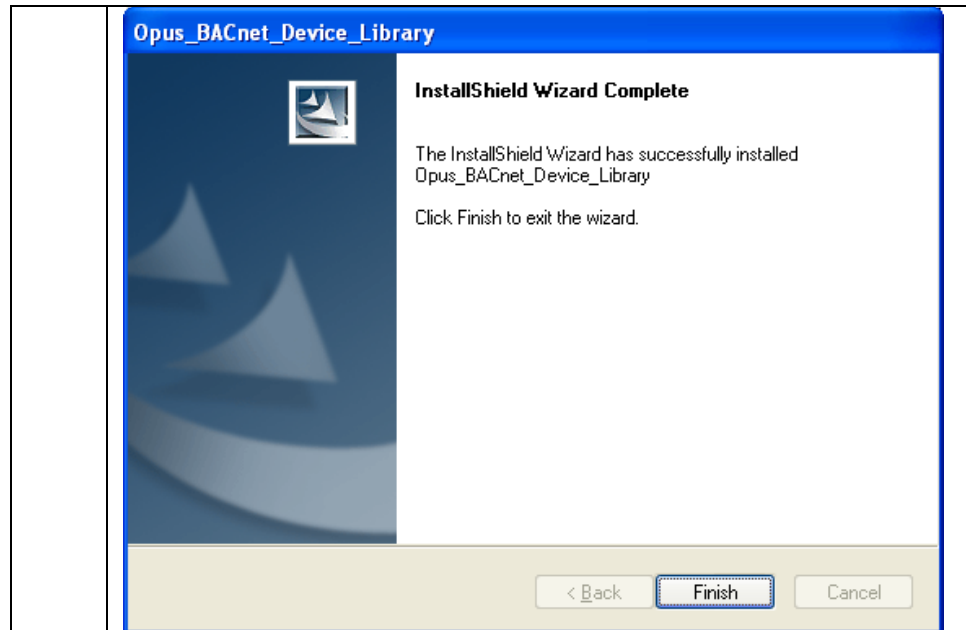


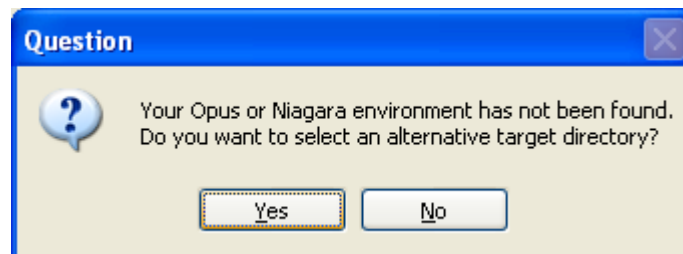
Figure 4. File installation progress indicator

5 Upon completion, the Opus Supervisor is capable of configuring the rcc.521.



**Figure 4. File installation progress indicator**

- 6 If the installation cannot establish the location of the Opus Supervisor, the following message will be displayed.



**Figure 5. Directory not found prompt**

- 7 If the directory is not found, an alternate location may be chosen; however, this may also mean that the Opus environment is not setup.

Reference the *rcc.521 User Guide* for all other software updates and changes. Below is the location of the firmware file for future reference.

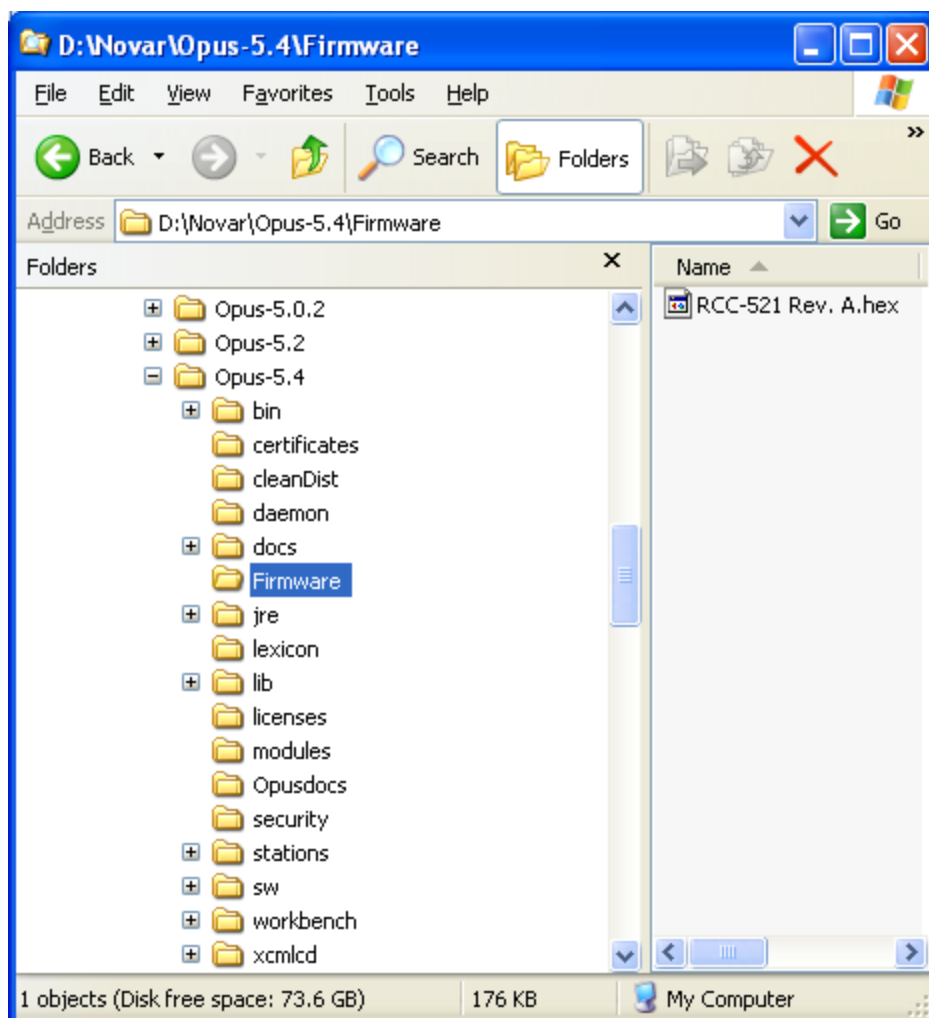


Figure 2. Example location of firmware file

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