

Installing Controller Software

USB and Remote Update

 **ECONOLITE**

Saving Lives Through Improved Mobility

Important USB Preparation

- How to format a USB drive / SD card In FAT32
- How to extract the install package to a USB

How to format a USB drive / SD card in FAT32

1. Hold down the Windows key and press E to open Windows Explorer
2. Insert your flash drive into a USB port
3. Close the Auto play
4. Right-click the icon of the USB drive that opened in Windows Explorer after connecting to your PC
5. From the pop-up menu, select Format
6. From the File system menu, select FAT32
7. Be sure the Quick Format button is not checked
8. Click Start to format the flash drive to the FAT32 file system

Important USB Preparation

- You must unzip the EOS-03.xx.xx.zip file into the root directory of the USB flash drive as explained in the installation instructions
- **DO NOT** copy the EOS-03.xx.xx.zip file directly to the root directory of the USB flash drive – the upgrade will fail
- Only unzip the installation package once; the sub-packages extracted as part of initial unzip must remain zipped on the USB disk

How to perform an EBOS Restore

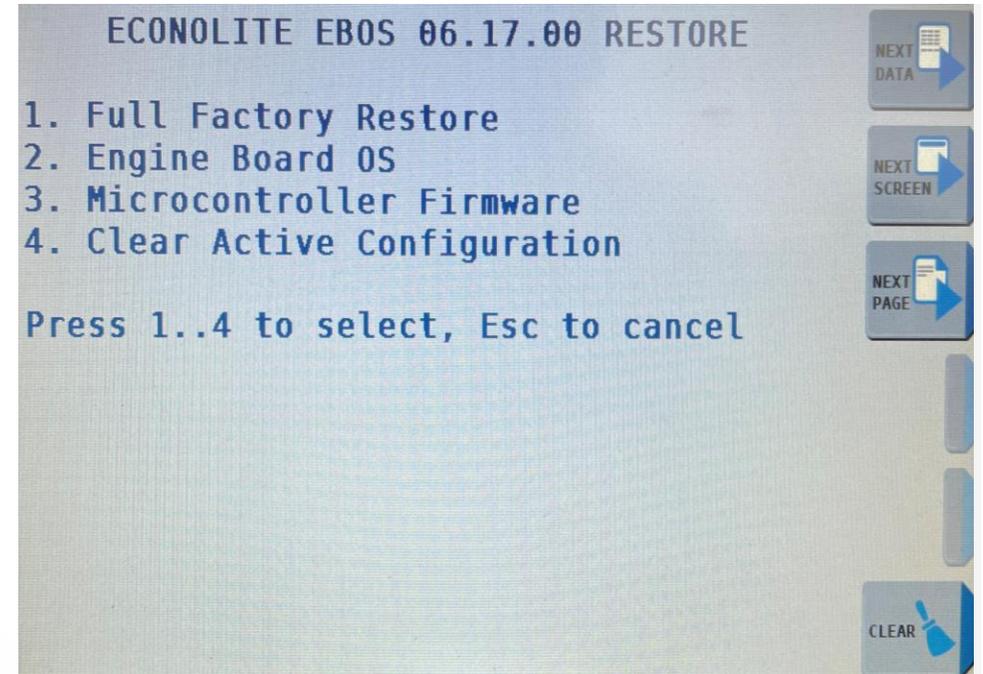
- You MUST run the EBOS Restore before changing controller software on a Cobalt.
 - ASC3 to EOS
 - EOS to ASC3

How to perform an EBOS Restore

1. Unzip the USB-EBOS-06.18.00.zip file to the root of your freshly formatted USB drive per instructions above
2. Verify that twelve (12) files are generated in the mounted USB
3. Eject the USB drive

How to perform an EBOS Restore

1. Insert the USB drive in the controller USB port; a new window named “USB/SD Card Options” appears
2. To perform a software update, choose option “Software Update” by selecting the numeric 1 key
3. The EBOS Restore screen will pop up, press 1 to continue
4. To perform a Full Factory Restore (back to default settings) press 1 to select



How to install the EOS software to Cobalt series and 2070-LX controller platforms

- Installing software by USB

How to install the EOS software to Cobalt series and 2070-LX controller platforms

1. Insert the USB drive in the controller USB port; a new window named “USB/SD Card Options” appears
2. To perform a software update, choose option “Software Update” by selecting the numeric 1 key

EOS Remote Installation Procedure

EOS Remote Update Prototype v1.0.2.0

Main Menu Controllers Utilities Options About

Identifier: EOS controller
Ip Address: 10.70.10.50

SSH user: econolite
Ssh Pwd: ecpi2ecpi
Ssh Port: 22

Snmp Port: 501
Root Pwd: 1St0pSh0j

Update Cancel

Drop EOS Zip Installer Package Here

EOS-03.02.24 Unified Installer Package

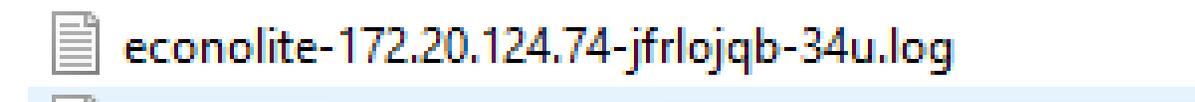
 EOS-03.02.24.2023_R1.8a0d640d5f7fa4c4743b77535b7a4140f6c8a591.zip

Unified install package

- **Unzip** and copy files for **USB install**
- **DO NOT Unzip** folder, drag ZIPPED folder to blue box for **remote installation**

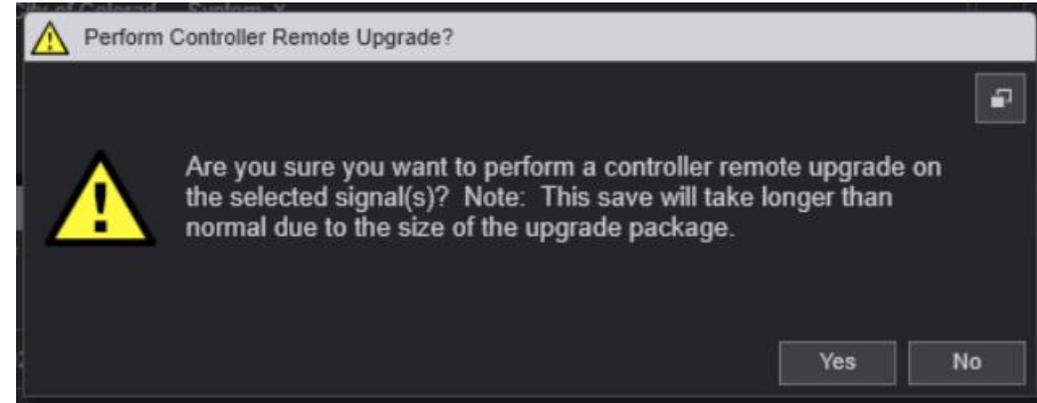
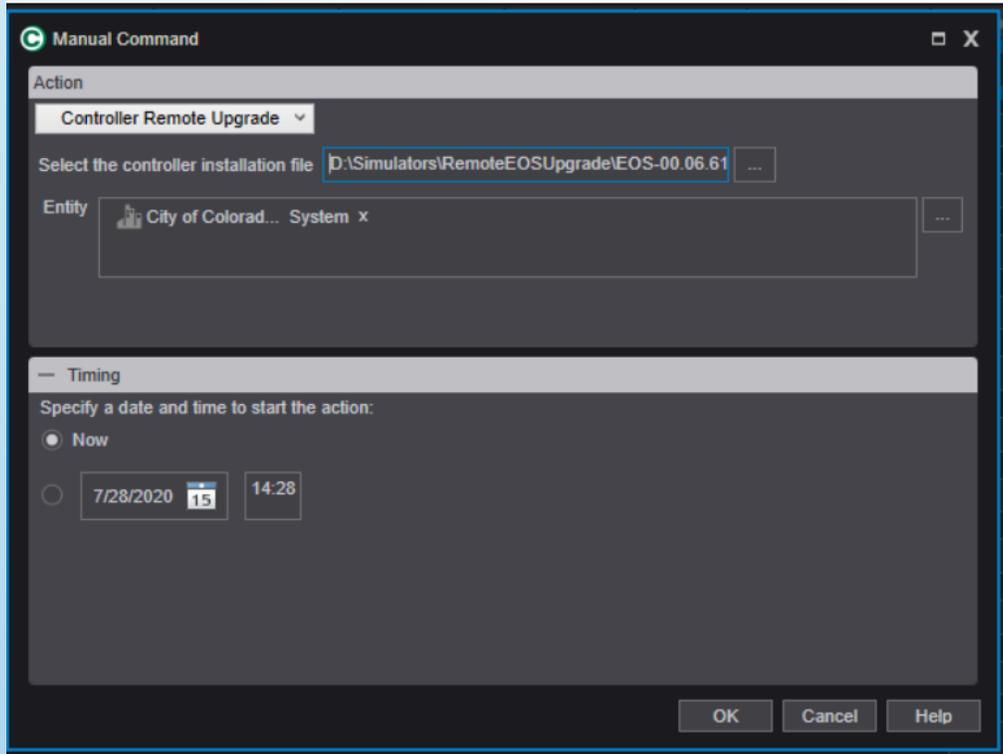
EOS Remote Installation Logs

- Remote install logs can be sent to controllersupport@econolite.com to be reviewed if update fails
- To recover Remote Upgrade Log:
 - This PC > Windows (C:) > Users > tbrunner > AppData > Local > Temp
= econolite-IPaddress
 - Make sure you checked the box to be able to see hidden files in Windows.
 - Example: econolite-172.20.124.74-jfrlojqb-34u.log



econolite-172.20.124.74-jfrlojqb-34u.log

EOS Remote Update from Centracs



- Remote Upgrade needs to be set to "true" at Core Database Global Settings Table.
- EOS Remote Update is set from Centracs by a Manual Command

EOS Remote Update Centracs Logs

The screenshot displays the 'Controller Remote Upgrade Status' interface. It includes a filter section for 'Signals' (City of Colorado System X), a date range from 7/27/2020 16:47 to 7/30/2020 16:47, and a status filter set to 'Show All'. Below this is a table of upgrade attempts:

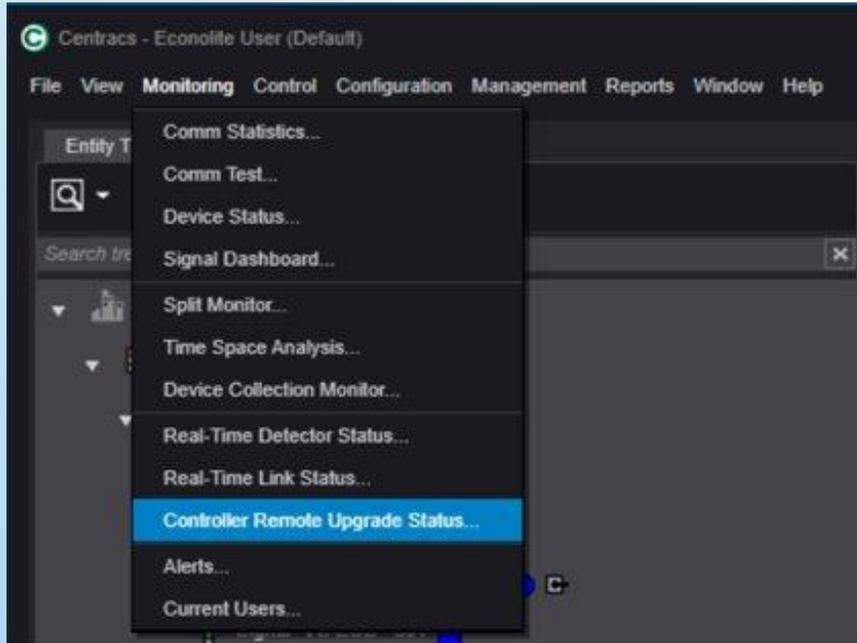
Start Time	End Time	Signal	Previous Version	New Version	Status	Progress %	Last Log Message
7/28/2020 2:59:43 PM		EOS on my desk - 501	0.6.61	00.06.63	Running	31.0%	Received: '(try) ping -q
7/28/2020 2:59:40 PM	7/28/2020 2:59:41 PM	VC EOS - 501	Unknown	00.06.63	Fail		View Logs
7/28/2020 2:59:38 PM	7/28/2020 2:59:39 PM	VC EOS 502	Unknown	00.06.63	Fail		View Logs
7/28/2020 2:59:35 PM	7/28/2020 2:59:35 PM	serial	Unknown	00.06.63	Fail		View Logs

A detailed log window titled 'Controller Remote Upgrade Log' is open, showing the following entries:

```
7/28/2020 2:59:35 PM Controller remote upgrade started for signal 147060e3-a0bf-424a-99ef-55f9124c0638.  
7/28/2020 2:59:35 PM Checking channel type  
7/28/2020 2:59:35 PM Unable to upgrade controller due to unsupported channel type.  
7/28/2020 2:59:35 PM Controller remote upgrade ended for signal 147060e3-a0bf-424a-99ef-55f9124c0638.
```

- Remote install logs can be sent to controllersupport@econolite.com to be reviewed if update fails

EOS Remote Update Centracs Status



The screenshot shows the 'Controller Remote Upgrade Status' window. It includes a 'Filters' section with a signal dropdown set to 'City of Colorad... System X', a date range from '7/27/2020 16:47' to '7/30/2020 16:47', and a 'Status' dropdown set to 'Show All'. Below the filters is a table with the following data:

Start Time	End Time	Signal	Previous Version	New Version	Status	Progress %	Last Log Message
7/28/2020 2:59:43 PM		EOS on my desk - 501	0.6.61	00.06.63	Running	10.0%	Received: '(run) configure_age_checksum'
7/28/2020 2:59:40 PM	7/28/2020 2:59:41 PM	VC EOS - 501	Unknown	00.06.63	Fail		View Logs
7/28/2020 2:59:38 PM	7/28/2020 2:59:39 PM	VC EOS 502	Unknown	00.06.63	Fail		View Logs
7/28/2020 2:59:35 PM	7/28/2020 2:59:35 PM	serial	Unknown	00.06.63	Fail		View Logs

To view status of the remote upgrade
- Monitoring > Controller Remote Upgrade Status...