



**ALFAMAQ**

# **Orion™**

---

---

**Installing Orion™ Software/Firmware  
System Updates**

## **Instruction Guide**

# **ORION**

---

---

---

---

**SQUID INK**  
MANUFACTURING



# Orion™

## Installing Orion™ Software/Firmware System Updates

### Instruction Guide

Revised 01/05/2016

P/N XXXXXXXX Rev A

#### **Copyright and Trademarks**

Copyright ©2016 Squid Ink Manufacturing.  
All rights reserved. All trademarks and brand names  
are the property of their respective owners.

1a. Cda. Jacarandas #14 Col. El Vergel, Iztapalapa. Ciudad  
de México C.P. 09880

(55) 5426-4137      800 253-2627

info@alfamaq.mx

**www.alfamaq.mx**



# Contents:

- Installing System Updates..... 7**
  - Downloading Updates ..... 7
  - Updating Software/Firmware to Connected Printers ..... 11
  - Export Updates to USB ..... 15
  
- Customer Support..... 20**
  - Squid Ink Technical Service..... 20



# Installing System Updates

Occasionally software and/or firmware updates will become available from Squid Ink Manufacturing. Software and Printer System Firmware can be updated from the desktop via Orion. Periodically check to see if updates are available.

## Downloading Updates

To download updates the desktop PC must have the Orion graphical software package installed and have internet access.

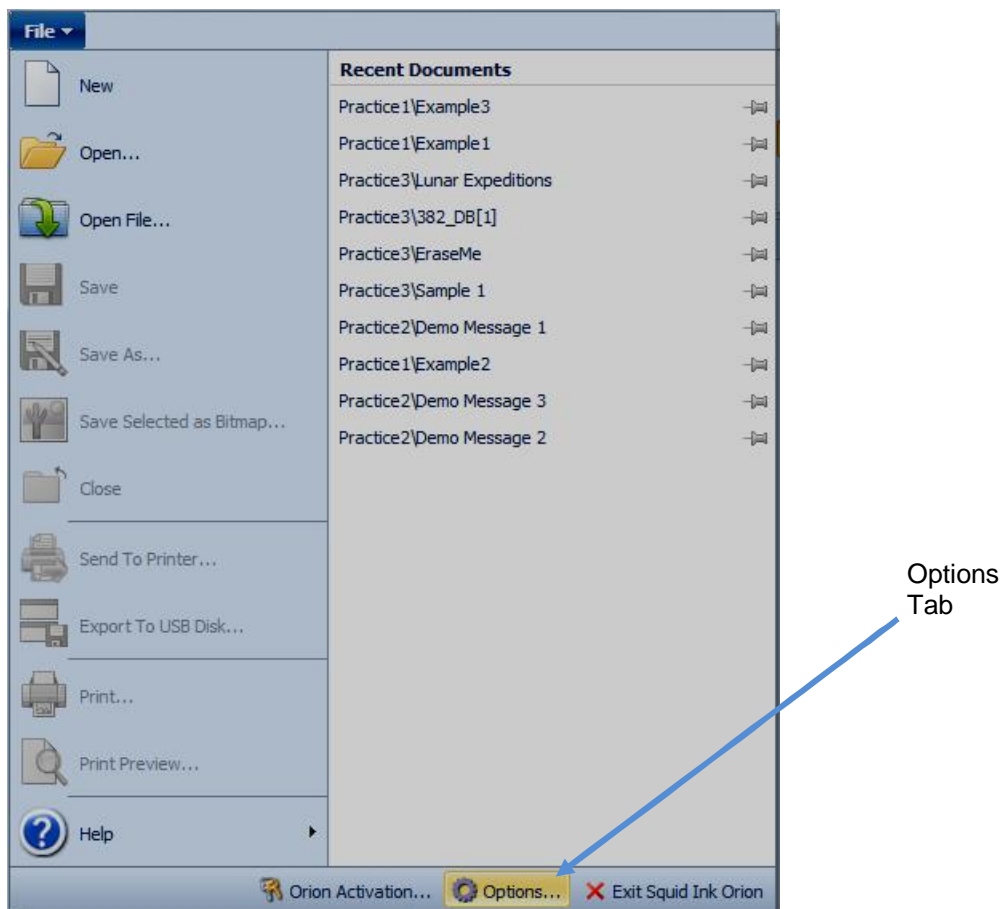


Open the Orion Graphical software package in the normal fashion.



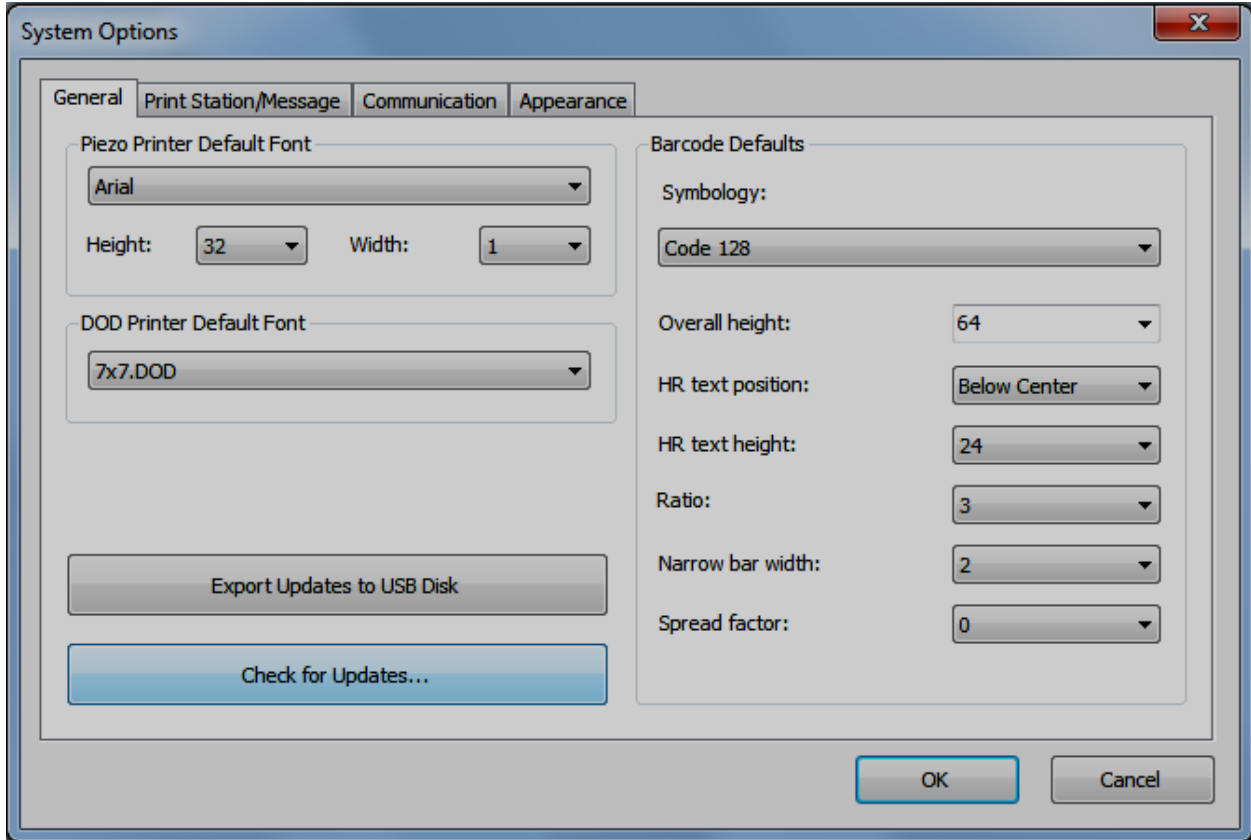
In the Orion software package select the **F**ile+tab.

Select the **O**ptions+Tab located at the bottom of the **F**ile+window.



The **S**ystem Options+Window will open.

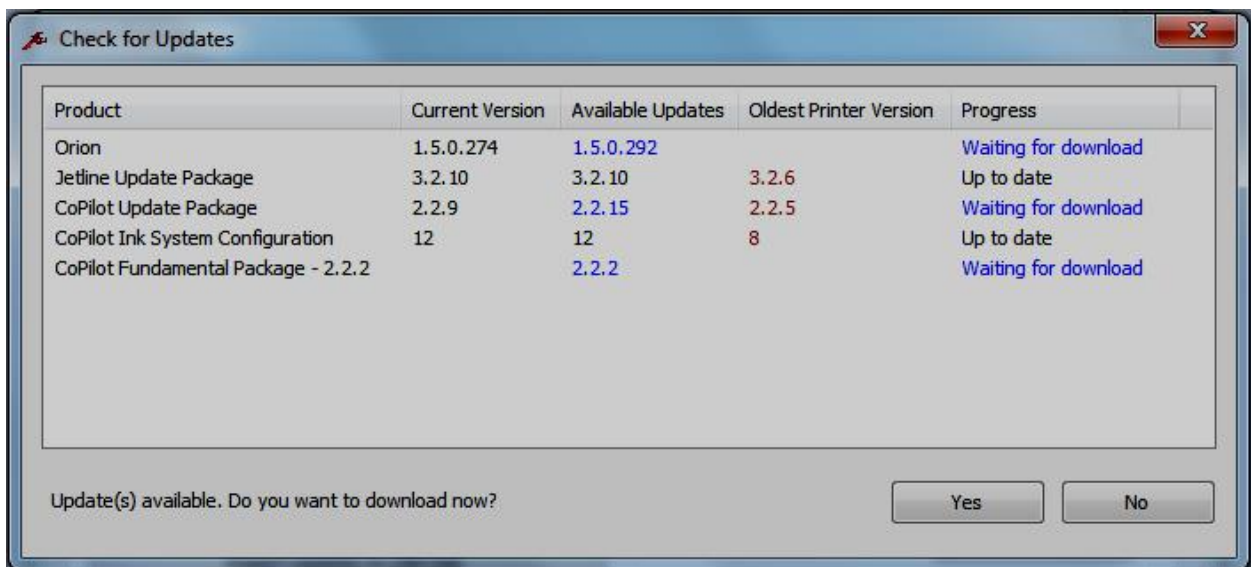
## 8 Installing System Updates



**System Options Window**



In the System Options Window select the **“Check for Updates...”** button. The **Check for Updates** window will open.



**Check for Updates Window**

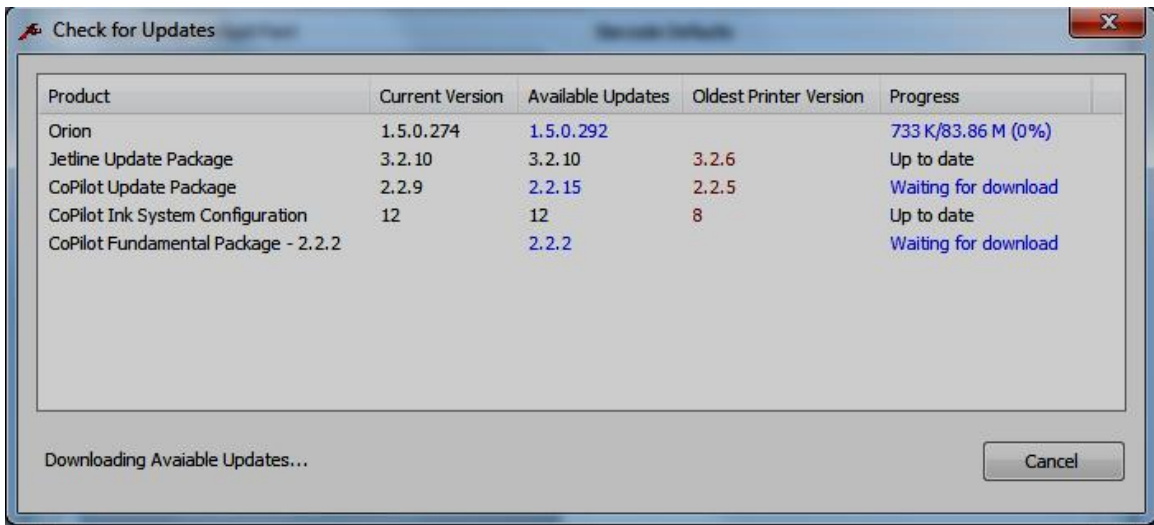


The **Check for Updates** will display the current version of Orion and the current software/firmware version for any connected and licensed printers. Any available updates will also be displayed. Select **Yes** to download any available updates.

Select **Yes** to Download Available Updates

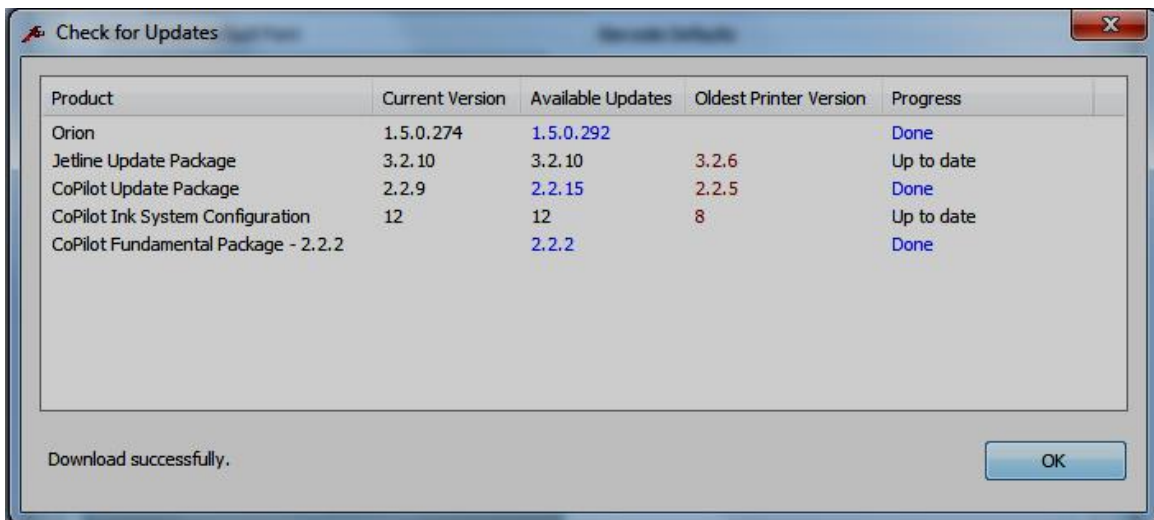


After selecting **Yes** the available updates for Orion and any connected printers will begin to download. A progress window will display during the downloading process.

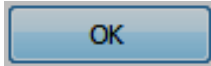


### Download Progress Window

When the download is complete, **Download successfully** will display.

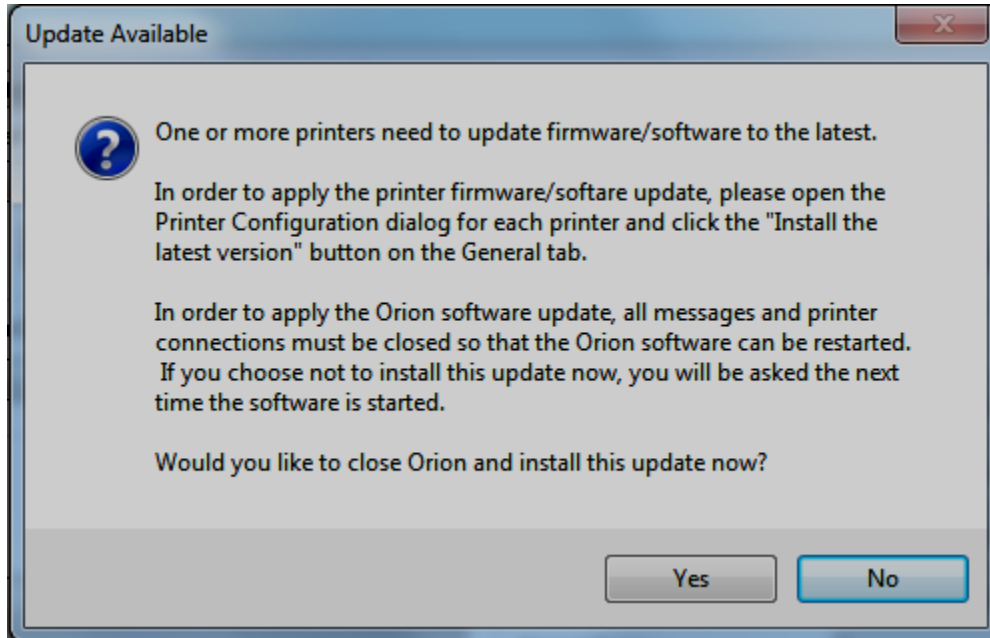


### Download Successful Window

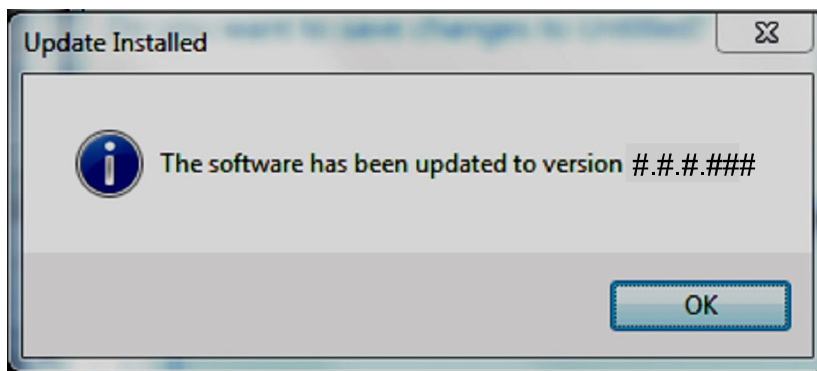


After the updates have been downloaded select **OK**.

After selecting **OK** the following window will open.



Select **Yes** to close Orion and install the updates.




The new current software version will display in the **Update Installed** window.

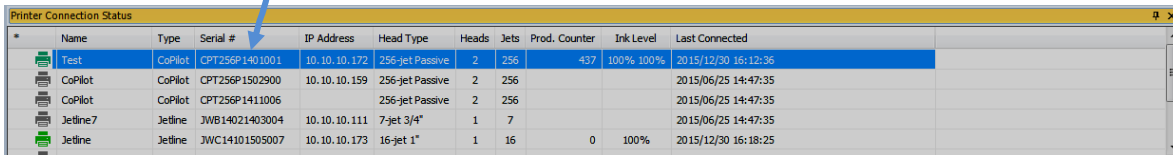
Select **OK** and resume normal operation.

## Updating Software/Firmware to Connected Printers

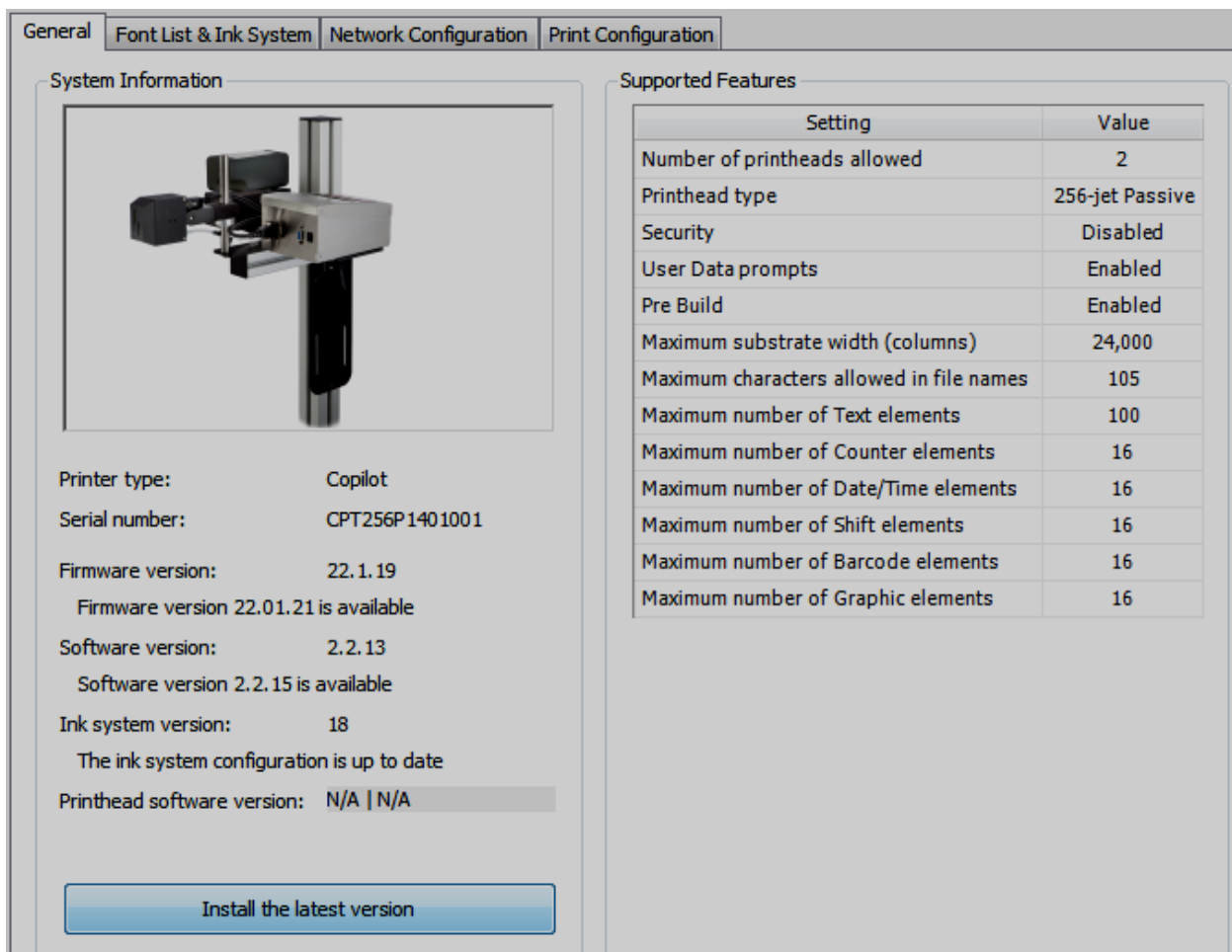
Open the Configuration Window for a connected printer.

Double mouse clicking on a printer in the Printer Connection Status panel will open the Printer Configuration window for that printer in the Orion<sup>®</sup> workspace. You can also open the configuration window for a selected printer by selecting the  Printer Configuration icon for a highlighted printer in the print station explorer list.

Double Click on Desired Printer to Open  
the Printer Configuration Window




Name	Type	Serial #	IP Address	Head Type	Heads	Jets	Prod. Counter	Ink Level	Last Connected
Test	CoPilot	CPT256P1401001	10.10.10.172	256-jet Passive	2	256	437	100% 100%	2015/12/30 16:12:36
CoPilot	CoPilot	CPT256P1502900	10.10.10.159	256-jet Passive	2	256			2015/06/25 14:47:35
CoPilot	CoPilot	CPT256P1411006		256-jet Passive	2	256			2015/06/25 14:47:35
Jetline7	Jetline	JWB14021403004	10.10.10.111	7-jet 3/4"	1	7			2015/06/25 14:47:35
Jetline	Jetline	JWC14101505007	10.10.10.173	16-jet 1"	1	16	0	100%	2015/12/30 16:18:25



**General** | Font List & Ink System | Network Configuration | Print Configuration

**System Information**



Printer type: CoPilot  
 Serial number: CPT256P1401001  
 Firmware version: 22.1.19  
 Firmware version 22.01.21 is available  
 Software version: 2.2.13  
 Software version 2.2.15 is available  
 Ink system version: 18  
 The ink system configuration is up to date  
 Printhead software version: N/A | N/A

[Install the latest version](#)

**Supported Features**

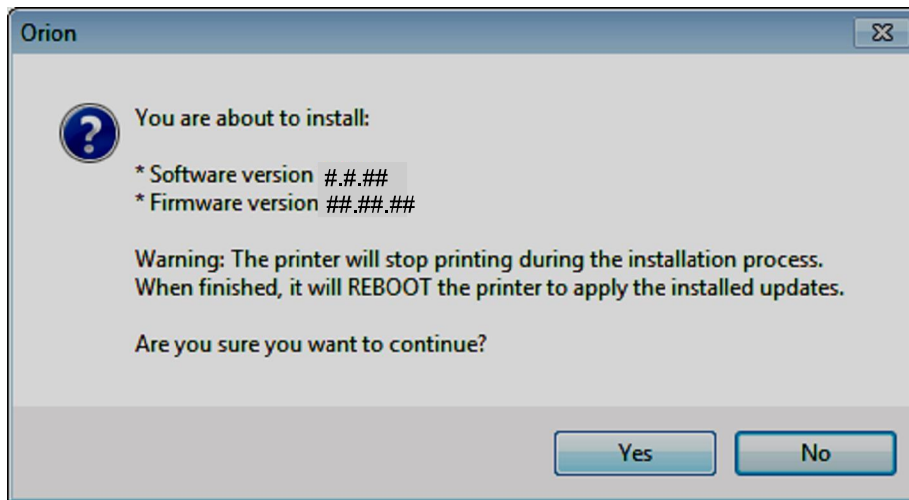
Setting	Value
Number of printheads allowed	2
Printhead type	256-jet Passive
Security	Disabled
User Data prompts	Enabled
Pre Build	Enabled
Maximum substrate width (columns)	24,000
Maximum characters allowed in file names	105
Maximum number of Text elements	100
Maximum number of Counter elements	16
Maximum number of Date/Time elements	16
Maximum number of Shift elements	16
Maximum number of Barcode elements	16
Maximum number of Graphic elements	16

Printer Configuration Window, General Tab

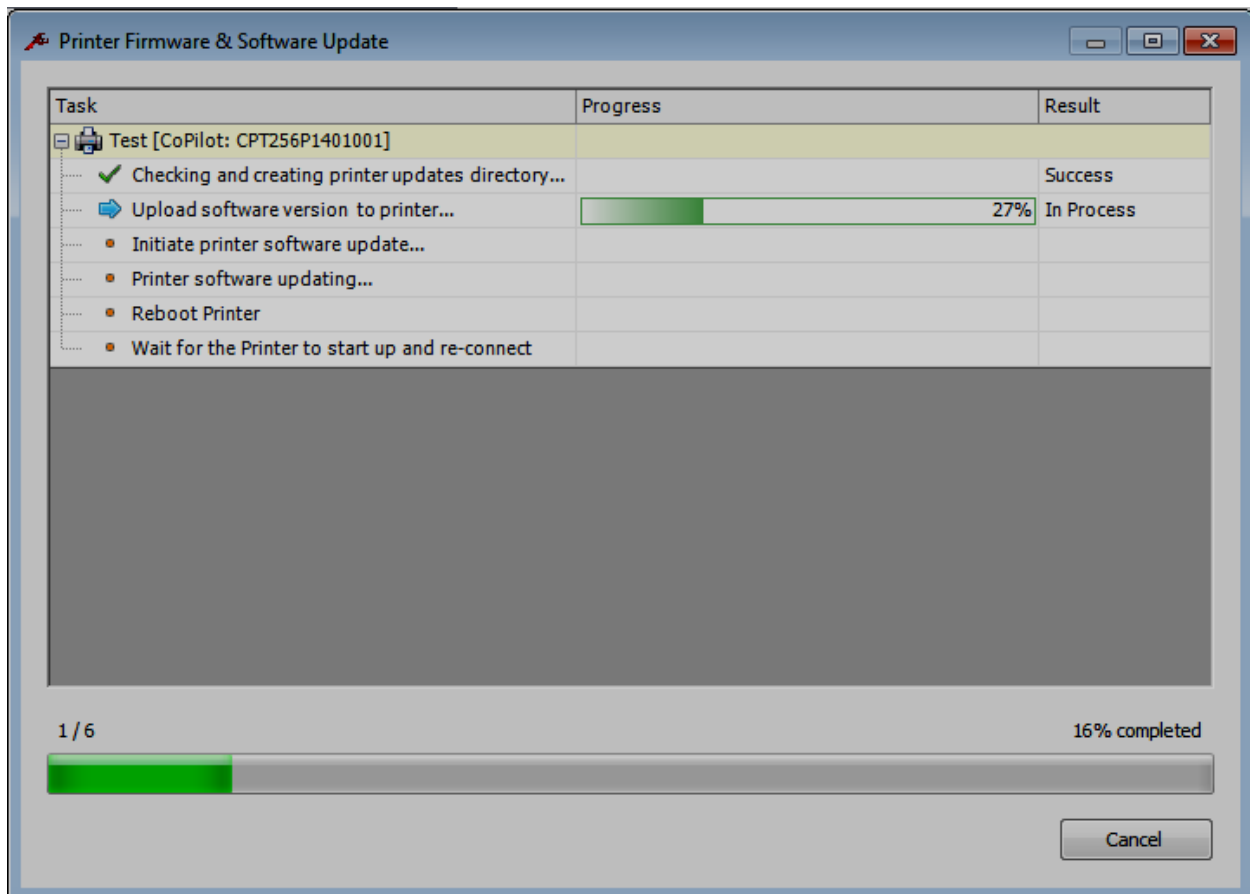
## 12 Installing System Updates

Install the latest version

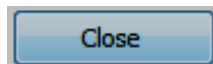
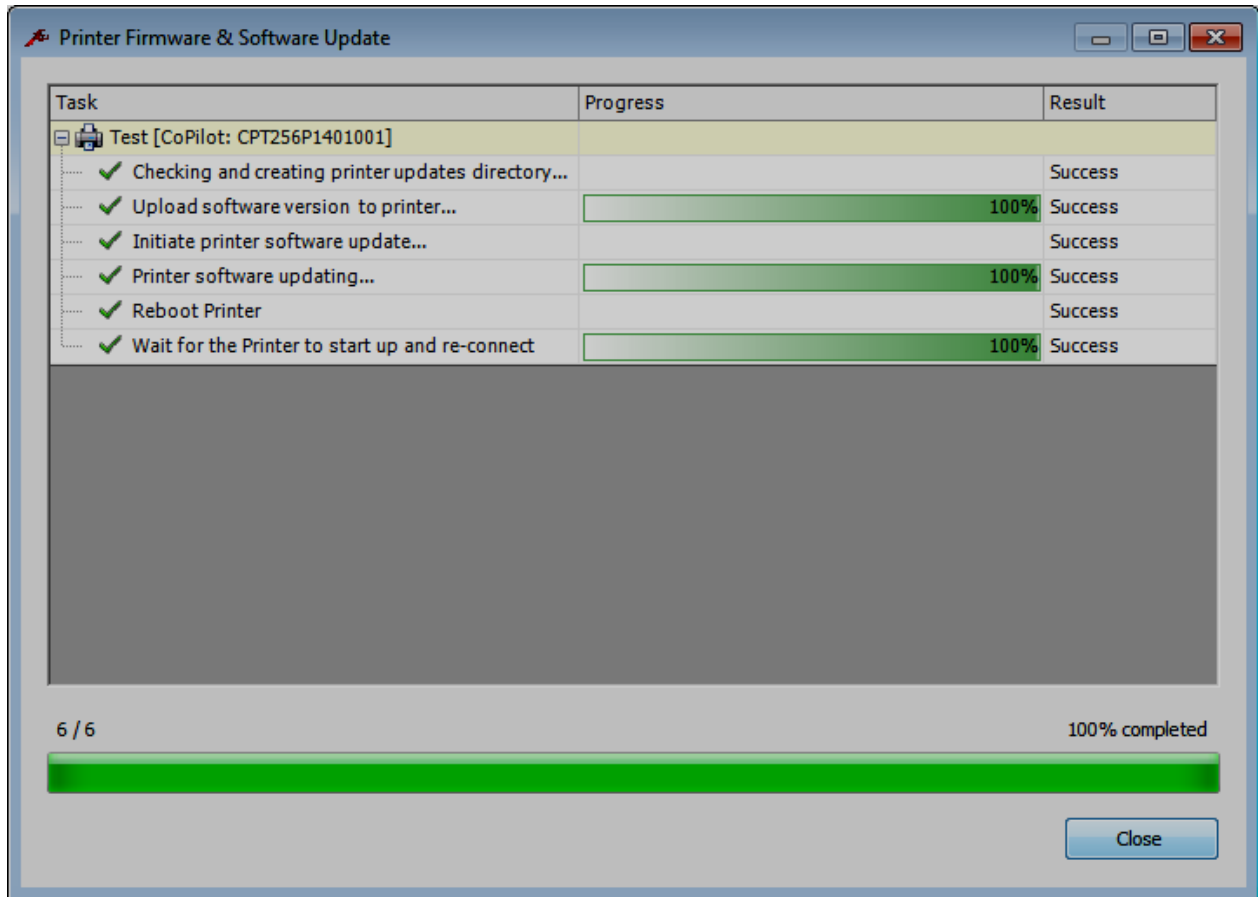
In the Printer Configuration Window General Tab select "Install the latest version".



Select **"Yes"** to begin updating the printer. Updating will take about six (6) to ten (10) minutes. During the system update an update progress window will display.

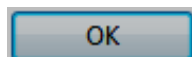
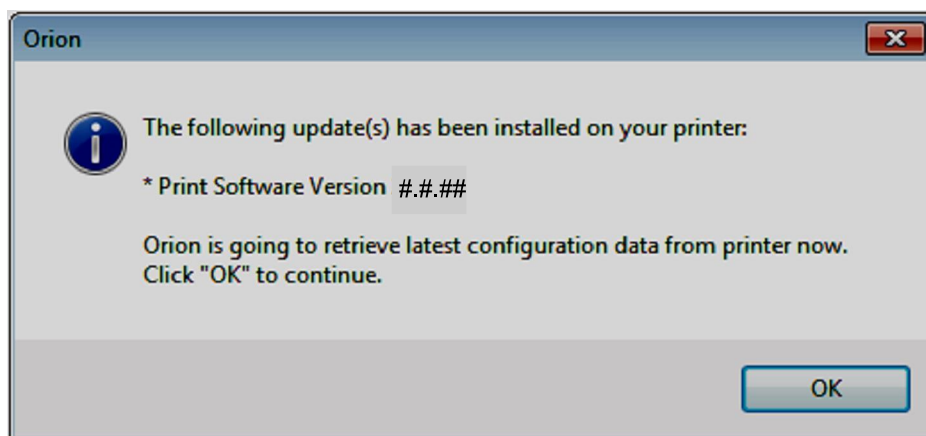


**Printer Firmware & Software Update Progress Window**



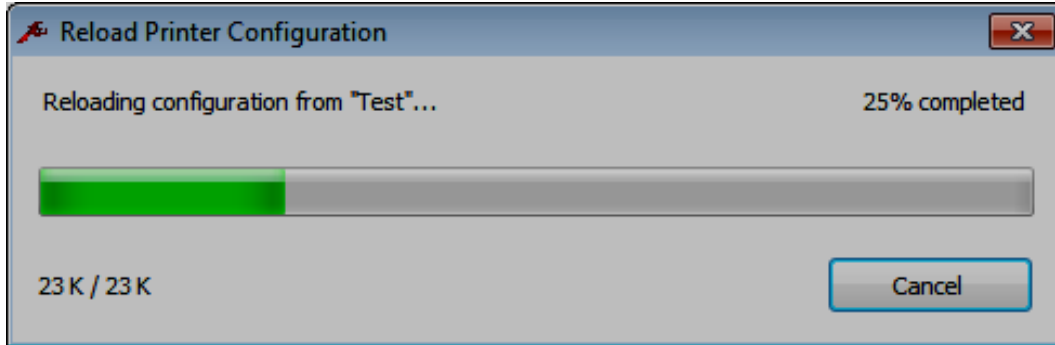
After the update has completed, select “**Close**” in the Printer Firmware & Software Update Window.

After selecting %Close+you will be prompted with the following message.

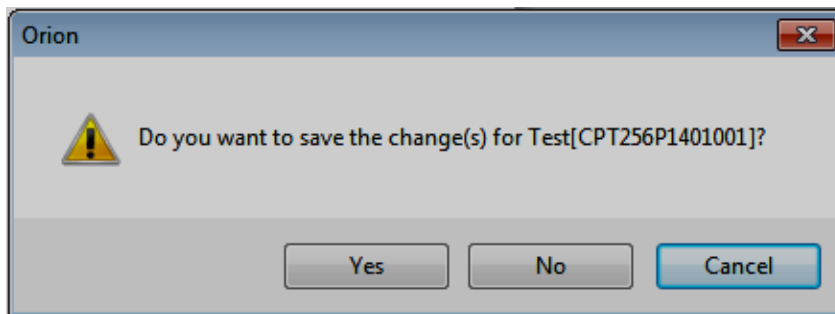


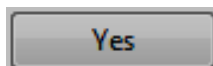
Select “**OK**” to continue.

A progress window will display briefly while the new printer configuration is reloaded.

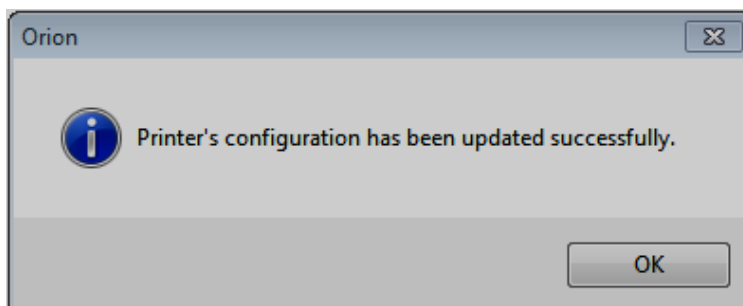
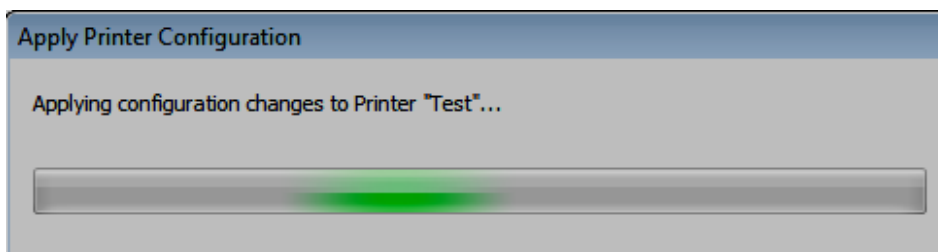


After the new configuration for the printer has loaded, close the printer Configuration Window. When the Printer Configuration Window is closed you will be asked to save the changes.



 Select **“Yes”** to save the changes to the printer.

A progress bar will display briefly as the changes are saved.



After the changes have been saved, select **“OK”** and resume normal operation.

## Export Updates to USB

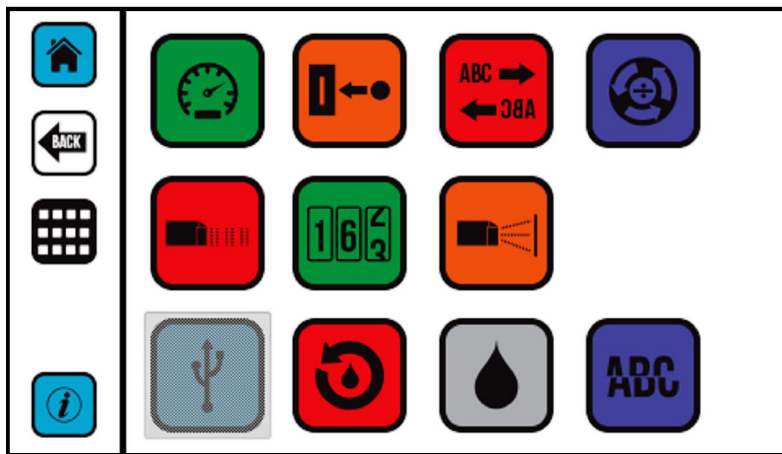
Updates can be exported to a connected USB drive and physically transported to the desired printer.

**Attention!** When exporting updates to a USB drive it is important to know the current level of software and firmware currently residing in the target printers.

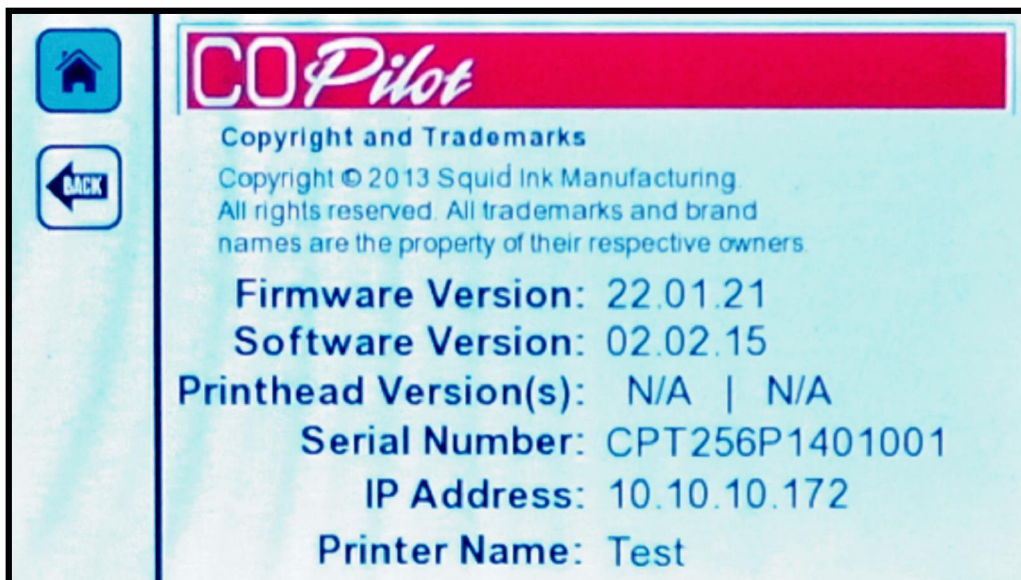
### At the Target Printer(s):



To find the current software and firmware levels, at the printer select the Settings button to open the Settings screen on the printer.



In the settings screen select the Printer Information Button and the information screen on the printer will display. The information screen contains the current Firmware and Software versions residing in the printer.



CoPilot Printer Information Screen

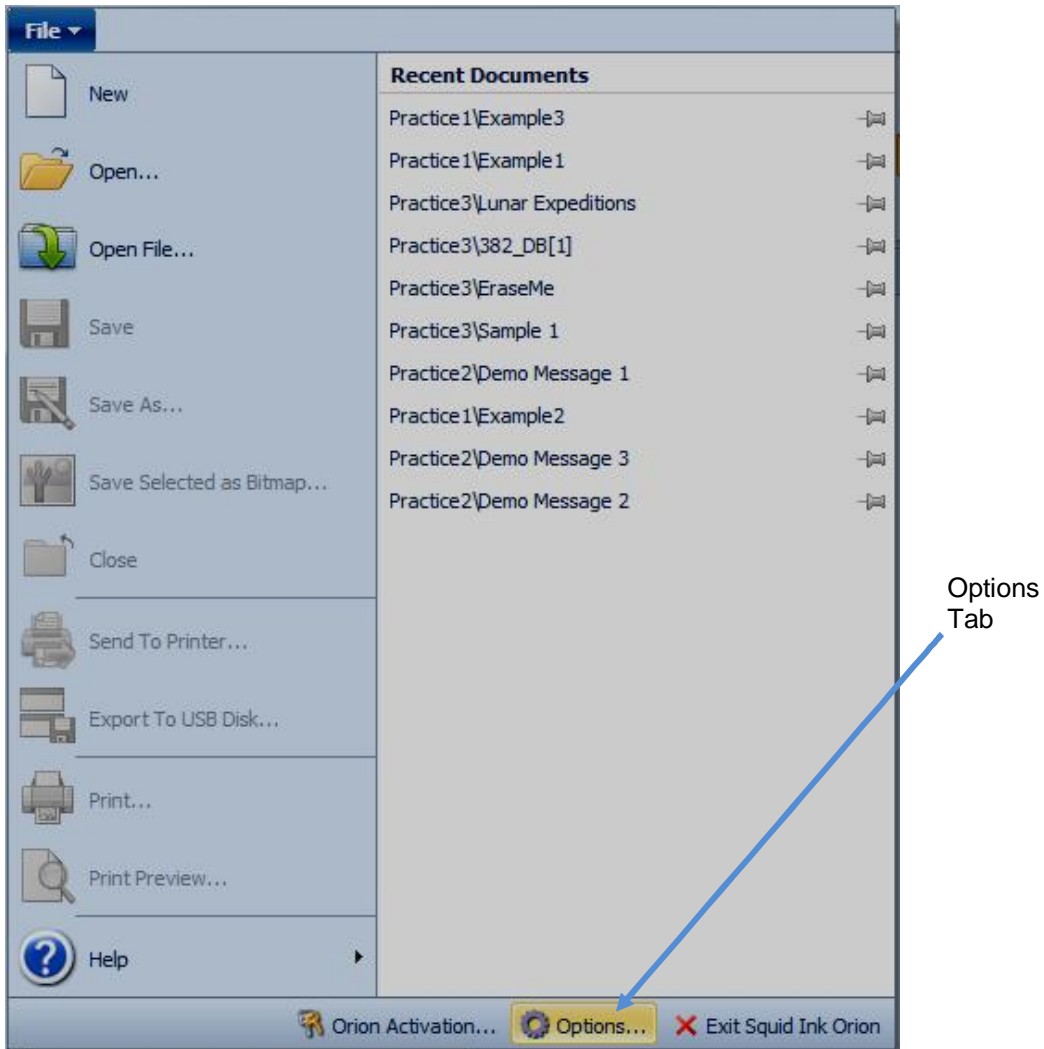
**At the desktop:**

After downloading updates from the internet and Orion has restarted connect a USB drive to the PC where Orion and the updates reside.



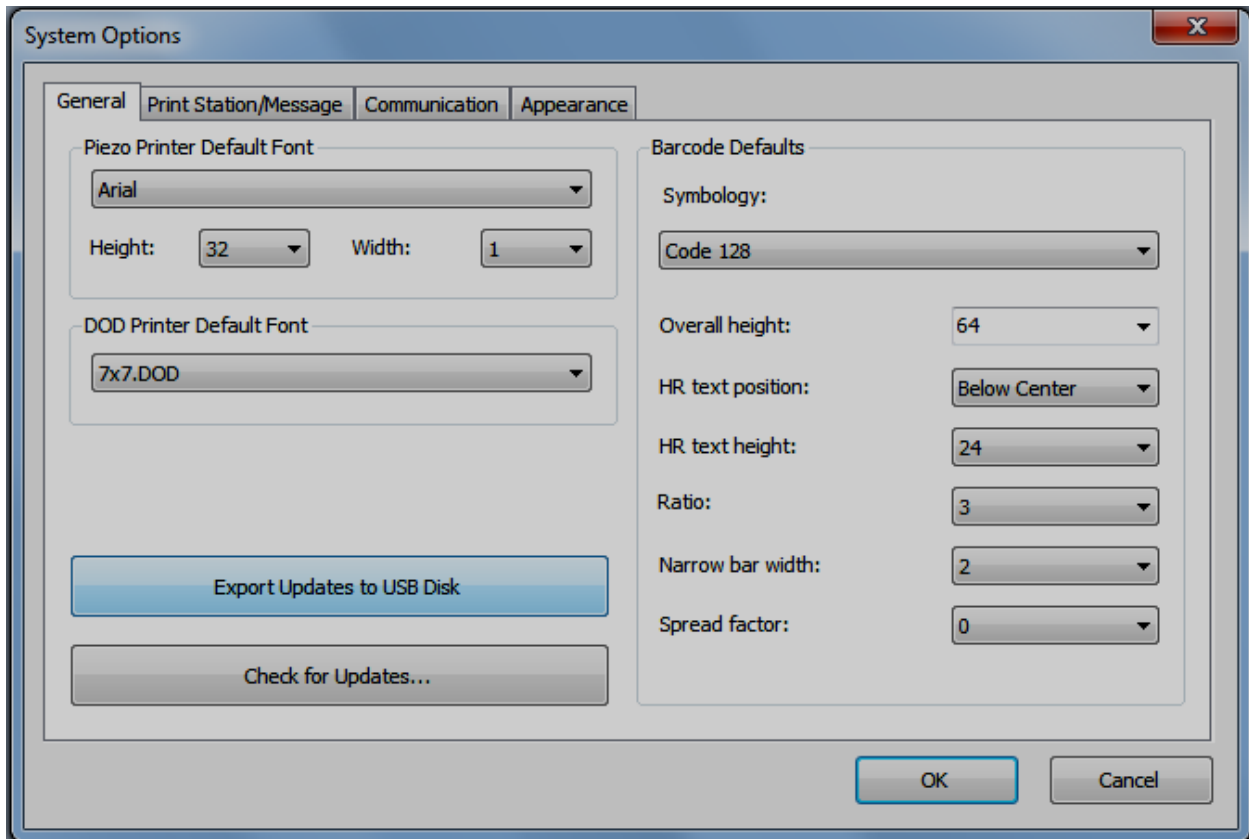
In the Orion software package select the %file+tab.

Select the %Options+Tab located at the bottom of the %file+window.

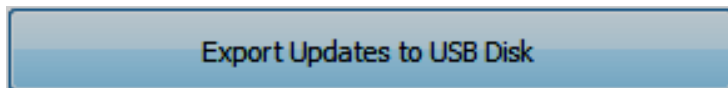


The %System Options+Window will open.



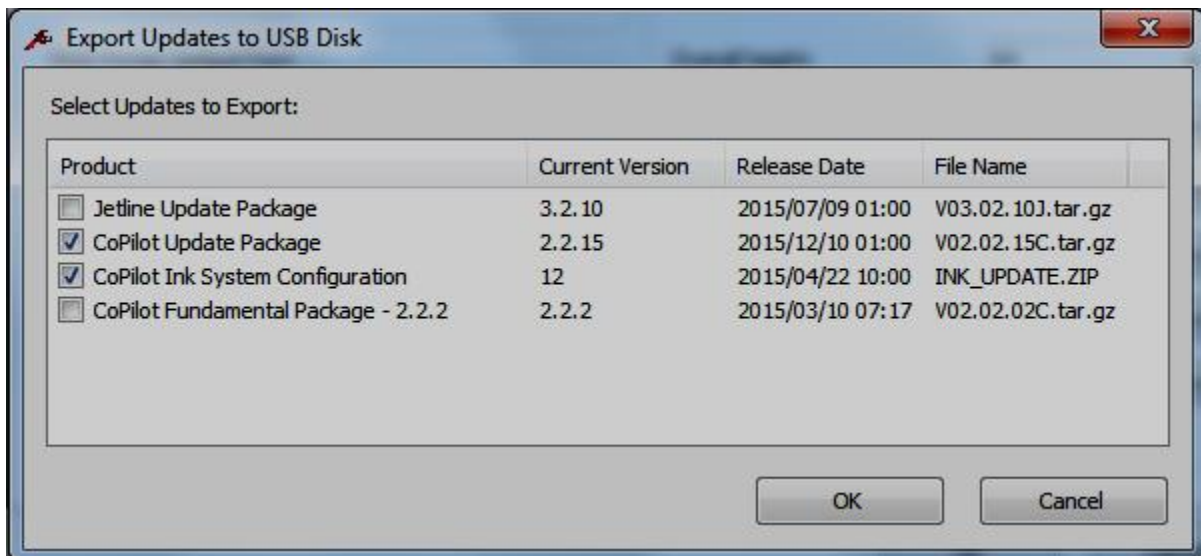


**System Options Window**



In the System Options window select the **Export Updates to USB Disk** button

The **Export Updates to USB Disk** will open.



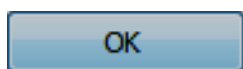
**Export Updates to USB Disk Window**

<input type="checkbox"/>	Jetline Update Package	3.2.10
<input checked="" type="checkbox"/>	CoPilot Update Package	2.2.15
<input checked="" type="checkbox"/>	CoPilot Ink System Configuration	12
<input type="checkbox"/>	CoPilot Fundamental Package - 2.2.2	2.2.2

In the %Export Updates to USB Disk+ window place a check mark next to the updates you wish to export to the connected USB drive.

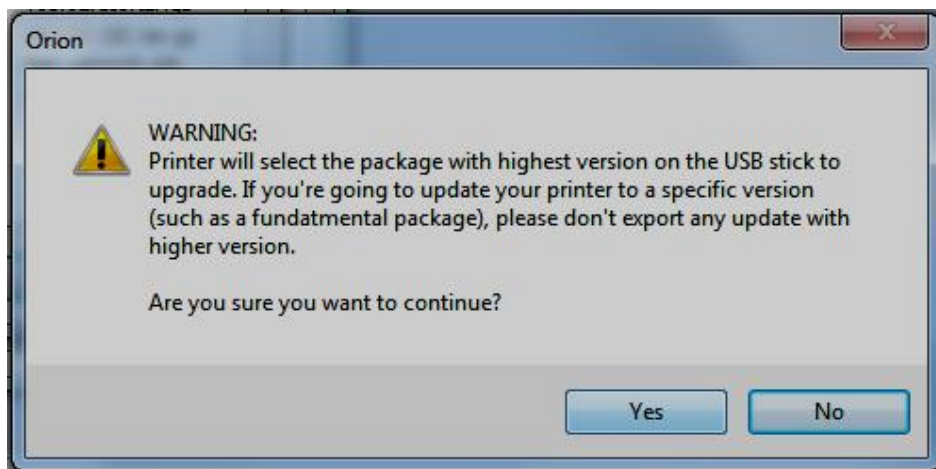
When updating a Copilot printer in most instances the %CoPilot Update Package+ should be selected. The %CoPilot Fundamental Package+ should only be selected if the target printer has not been updated before version 02.02.02. Generally you would not check both the %CoPilot Update Package+ and the %CoPilot Fundamental Package+ for USB export.

**Attention!** Go to the printer(s) you wish to update and determine the current software level residing on the printer(s). If the CoPilot software version is below 2.2.2 you must update the %Fundamental Package+ first. If the current software level is already above 2.2.2 simply check the latest %CoPilot Update Package+.



After the desired updates have been checked select “**OK**”.

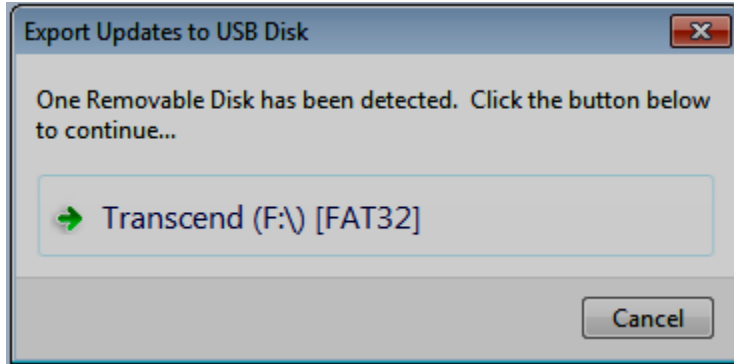
If both the %CoPilot Update Package+ and the %CoPilot Fundamental Package+ have been checked this warning will appear.



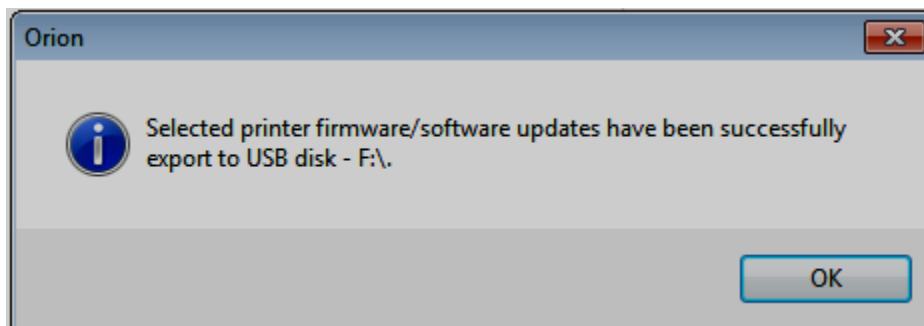
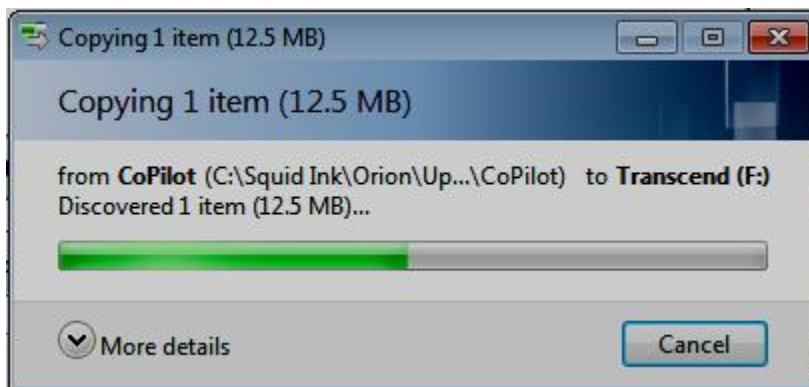
If the current software level in the target printers is above version 02.02.02 select “**Yes**” to export the selected updates to the USB drive.

**Warning!** If the current CoPilot software is below Version 02.02.02 you must update to the %Fundamental Package+ Version 02.02.02 before updating to the latest CoPilot Update Package+.

Orion will detect any connected USB drives. Select the intended target drive.



A progress window will display briefly while the updates are exported to the selected USB drive.



Select **OK**. The printer software and firmware updates now reside on the USB drive.

To update a printer insert the USB drive into the desired printer. After a few seconds the printer will show a USB screen containing an **Update Firmware/Software** icon. Press this icon and the update will begin. Update will take from six (6) to ten(10) minutes to perform.

# Customer Support

## Squid Ink Technical Service

For help installing and using the Orion Graphical Software Package, please contact Squid Ink Technical Service at one of the numbers listed below.

Phone                    800-253-2627  
                              (55) 5426-4137

E-mail                    info@alfamaq.mx  
Web                        www.alfamaq.mx

Thanks again for your purchase of Squid Ink products. We are pleased to be a part of your marking and coding needs.





**SQUID INK<sup>®</sup>**  
**MANUFACTURING**