

# Orion<sup>TM</sup>

## Installing Orion<sup>™</sup> Software/Firmware System Updates

## **Instruction Guide**





## Orion™

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## **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 Orionï . Periodically check to see if updates are available.

#### **Downloading Updates**

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



Open the Orionï Graphical software package in the normal fashion.

In the Orioni software package select the % lie+tab.

Select the % ptions+Tab located at the bottom of the % ile+window.

New	Recent Documents	
New	Practice 1\Example 3	-(=
🗃 Open	Practice 1\Example 1	-(=1
	Practice3\Lunar Expeditions	-)=
Open File	Practice3\382_DB[1]	-12
	Practice3\EraseMe	-(m
Save	Practice3\Sample 1	-(=
-	Practice2\Demo Message 1	-j=1
Save As	Practice1\Example2	-j=
Sava Salactad as Ritman	Practice2\Demo Message 3	-j=1
Save Selected as biuliap	Practice2\Demo Message 2	-(=)
Close		
Send To Printer		C
Export To USB Disk		
Print		
Print Preview		
Help	•	

The System Options+Window will open.

System Options		
General Print Station/Message Communication Appearance		
Piezo Printer Default Font	-Barcode Defaults	
Arial	Symbology:	
Height: 32 Vidth: 1 V	Code 128	
DOD Printer Default Font	Overall height:	64 💌
7x7.DOD 🔹	HR text position:	Below Center 🔻
	HR text height:	24 💌
	Ratio:	3 •
Evport Lindstee to LISP Dick	Narrow bar width:	2 🗸
	Spread factor:	0
Check for Updates		
		OK Cancel

#### System Options Window

Check for Updates...

In the System Options Window select the "Check for Updates..." button. The Check for Updates+window will open.

roduct	Current Version	Available Updates	Oldest Printer Version	Progress
Drion	1.5.0.274	1.5.0.292		Waiting for download
etline Update Package	3.2.10	3.2.10	3.2.6	Up to date
CoPilot Update Package	2.2.9	2.2.15	2.2.5	Waiting for download
oPilot Ink System Configuration	12	12	8	Up to date
CoPilot Fundamental Package - 2.2.2		2.2.2		Waiting for download

**Check for Updates Window** 

The % check for Updates+ will display the current version of Orionï and the current software/firmware version for any connected and licensed printers. Any available updates will also be displayed. Select % es+to download any available updates.



After selecting ‰es+the available updates for Orionï and any connected printers will begin to download. A progress window will display during the downloading process.

	Available opuates	Oldest Printer version	Progress
1.5.0.274	1.5.0.292		733 K/83.86 M (0%)
3.2.10	3.2.10	3.2.6	Up to date
2.2.9	2.2.15	2.2.5	Waiting for download
12	12	8	Up to date
	2.2.2		walking for download
	1.5.0.274 3.2.10 2.2.9 12	1.5.0.274       1.5.0.292         3.2.10       3.2.10         2.2.9       2.2.15         12       12         2.2.2	1.5.0.274       1.5.0.292         3.2.10       3.2.10       3.2.6         2.2.9       2.2.15       2.2.5         12       12       8         2.2.2       2.2.2

#### **Download Progress Window**

When the download is complete, @ownload successfully+will display.

Product	Current Version	Available Updates	Oldest Printer Version	Progress
Orion	1.5.0.274	1.5.0.292		Done
Jetline Update Package	3.2.10	3.2.10	3.2.6	Up to date
CoPilot Update Package	2.2.9	2.2.15	2.2.5	Done
CoPilot Ink System Configuration	12	12	8	Up to date
CoPilot Fundamental Package - 2.2.2		2.2.2		Done
Download successfully				OK

#### **Download Successful Window**

OK

After the updates have been downloaded select % K+.

After selecting % K+the following window will open.

Update Ava	ailable
2	One or more printers need to update firmware/software to the latest. In order to apply the printer firmware/softare update, please open the Printer Configuration dialog for each printer and click the "Install the latest version" button on the General tab. In order to apply the Orion software update, all messages and printer connections must be closed so that the Orion software can be restarted. If you choose not to install this update now, you will be asked the next time the software is started. Would you like to close Orion and install this update now?
	Yes No

Select "Yes" to close Orionï and install the updates.



The new current software version will display in the **%** pdate 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 Orionï workspace. You can also open the configuration window for a selected printer by selecting the % Rrinter Configuration+icon for a highlighted printer in the print station explorer list.

			D th	oub e P	le Clic rinter (	k on De Configu	esir Irati	ed on	Printe Windo	r to Oj ow	ben	
				/								
Printer	Connection Status			/								<del>4</del> ×
*	Name	Туре	Serial #	-	IP Address	Head Type	Heads	Jets	Prod. Counter	Ink Level	Last Connected	•
	Test	CoPilot	CPT256P14	D1001	10.10.10.172	256-jet Passive	2	256	437	100% 100%	2015/12/30 16:12:36	
	CoPilot	CoPilot	CPT256P15	02900	10.10.10.159	256-jet Passive	2	256			2015/06/25 14:47:35	E
	CoPilot	CoPilot	CPT256P14	11006		256-jet Passive	2	256			2015/06/25 14:47:35	
	Jetline7	Jetline	JWB140214	03004	10.10.10.111	7-jet 3/4"	1	7			2015/06/25 14:47:35	
	Jetline	Jetline	JWC14101	05007	10.10.10.173	16-jet 1"	1	16	0	100%	2015/12/30 16:18:25	

neral Font List & Ink S	System Network Configuration	Print Configuration	
System Information		Supported Features	
	TT	Setting	Value
		Number of printheads allowed	2
		Printhead type	256-jet Passive
	200 fs	Security	Disabled
1		User Data prompts	Enabled
		Pre Build	Enabled
		Maximum substrate width (columns)	24,000
		Maximum characters allowed in file names	105
	U	Maximum number of Text elements	100
		Maximum number of Counter elements	16
Printer type:	Copilot	Maximum number of Date/Time elements	16
Serial number:	CPT256P1401001	Maximum number of Shift elements	16
Firmware version:	22.1.19	Maximum number of Barcode elements	16
Firmware version 22	.01.21 is available	Maximum number of Graphic elements	16
Software version:	2.2.13		
Software version 2.	2.15 is available		
Ink system version:	18		
The ink system confi	iguration is up to date		
Printhead software ve			
Instal	the latest version		

Printer Configuration Window, General Tab

Install the latest version	In Ger
	vor

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		
Task	Progress	Result
🗆 🌐 Test [CoPilot: CPT256P1401001]		
Checking and creating printer updates directory		Success
🛶 📫 Upload software version to printer	27%	In Process
<ul> <li>Initiate printer software update</li> </ul>		
<ul> <li>Printer software updating</li> </ul>		
<ul> <li>Reboot Printer</li> </ul>		
<ul> <li>Wait for the Printer to start up and re-connect</li> </ul>		
1/6		16% completed

Printer Firmware & Software Update Progress Window

🕫 Printer Firmware & Software Update		
Task	Progress	Result
📮 🌐 Test [CoPilot: CPT256P1401001]		
Checking and creating printer updates directory		Success
Upload software version to printer	100%	Success
🗸 🗸 Initiate printer software update		Success
Printer software updating	100%	Success
🗸 Reboot Printer		Success
Wait for the Printer to start up and re-connect	100%	Success
6/6		100% completed
		Close

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

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



Select "OK" to continue.

Close

OK

Yes

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

🔎 Reload Printer Configuration	<b>•••</b>
Reloading configuration from "Test"	25% completed
23 K / 23 K	Cancel

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.

Orion	
	Do you want to save the change(s) for Test[CPT256P1401001]?
	Yes No Cancel

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.

OK

#### **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 % of ormation + 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		
Copyright and Trademarks Copyright © 2013 Squid Ink Manufacturing. All rights reserved. All trademarks and brand names are the property of their respective owners.		
Firmware Version: 22.01.21 Software Version: 02.02.15		
Printhead Version(s): N/A   N/A		
Serial Number: CPT256P1401001		
IP Address: 10.10.10.172		
Printer Name: Test		

#### 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.



Select the % ptions+Tab located at the bottom of the % ile+window.



The System Options+Window will open.

System Options		×
General Print Station/Message Communication Appearance		
Piezo Printer Default Font	Barcode Defaults	
Arial	Symbology:	
Height: 32 Vidth: 1 V	Code 128	<b>•</b>
DOD Printer Default Font	Overall height:	64 💌
7x7.DOD 🔻	HR text position:	Below Center
	HR text height:	24 🔻
	Ratio:	3 🔹
Export Updates to USB Disk	Narrow bar width:	2 •
	Spread factor:	0 •
Check for Updates		
	C	K Cancel

**System Options Window** 

Export Updates to USB Disk

In the System Options window select the ‰xport Updates to USB Disk button

The Support Updates to USB Disk+will open.

Product	Current Version	Release Date	File Name
🗐 Jetline Update Package	3.2.10	2015/07/09 01:00	V03.02.10J.tar.gz
CoPilot Update Package	2.2.15	2015/12/10 01:00	V02.02.15C.tar.gz
CoPilot Ink System Configuration	12	2015/04/22 10:00	INK_UPDATE.ZIP
CoPilot Fundamental Package - 2.2.2	2.2.2	2015/03/10 07:17	V02.02.02C.tar.gz

Export Updates to USB Disk Window

Jetline Update Package	3.2.10
CoPilot Update Package	2.2.15
CoPilot Ink System Configuration	12
CoPilot Fundamental Package - 2.2.2	2.2.2

In the Saxport 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 % Sundamental Package+first. If the current software level is already above 2.2.2 simply check the latest CoPilot Update Package+.

ОК

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.

Orion	
<b>A</b>	WARNING: Printer will select the package with highest version on the USB stick to upgrade. If you're going to update your printer to a specific version (such as a fundatmental package), please don't export any update with higher version. Are you sure you want to continue?
	Yes No

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 ‰undamental Package+ Version 02.02.02 before updating to the latest CoPilot Update Package+.

Orionï 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.

Copying 1 item (12.5 MB)	
Copying 1 item (12.5 MB)	
from <b>CoPilot</b> (C:\Squid Ink\Orion\U Discovered 1 item (12.5 MB)	p\CoPilot) to <b>Transcend (F:)</b>
More details	Cancel

Orion		×
1	Selected printer firmware/software updates have been successfully export to USB disk - F:\.	
	ОК	

Select % K+. 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 Jpdate 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.



