



Locating and Connecting to a Printer

This document will describe locating and connecting to a CoPilot printer from the Orionï desktop message creation software platform.

At the Printer:

Ensure that the intended printer is powered up and connected to a Local Area Network or Wireless Hub.

In Orion[™]

Attention! Printers are assigned to **%Rrint Stations**+ Print stations are the locations where printing will occur. To connect to a printer first assign it to a print station.

In Orionï, highlight the print station and surface where the printer will print and select **%Add Printer/Printhead**+from the tools ribbon.









When "Add Printer/Printhead" is selected the Select Printer/Printhead+window will open. The Select Printer/Printhead+ window will display a list of printers that are currently recognized by Orionï.

| select Printer/Printhead |
|--|
| The following printer(s) have been automatically located or registered before: |
| Test [CoPilot: CPT256P1401001]@10.10.10.133 |
| |
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| |
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| |
| |
| Automatically Locate Printer |
| Manually Specify a Printer |
| OK Cancel |

Place a check mark in the box next to the printer you wish to connect with.



Select "OK" and the printer will be added to the currently selected work station.



If a printer has already been assigned to the print station a window will open saying the printer already exists. Just select **%**K+to close the window.

| Orion | X |
|----------|--|
| <u>^</u> | All printheads of printer "CPT256P1401001" have been added to the print station. |
| | ОК |

Automatically Locate Printer...

Automatically Locate Printer...

To automatically locate a new printer select **%Automatically Locate Printer...**" in the **%elect Printer/Printhead**+window to have Orionï search for available printers.

A progress window will display while Orioni searches for printers.

| ≁ Locating Printer | 100 | | | | | | x | | | |
|--|---------|----------------|-------|------|--------------|---------------------------|---|--|--|--|
| Looking for Squid Ink printer in progress | | | | | | | | | | |
| Found: 6 - Scanning printer from "Local Area Connection" 46% completed | | | | | | | | | | |
| Found Printer List: | | | | | | Cancel | | | | |
| * Printer | Туре | Serial No. | Heads | Jets | IP Address | Status | - | | | |
| Kyle's CoPilot 256 | CoPilot | CPT256P1410004 | ? | ? | 10.10.10.186 | • | | | | |
| CoPilot | CoPilot | CPT1502901 | ? | ? | 10.10.10.160 | | | | | |
| CoPilot | CoPilot | CPT128P1504900 | ? | ? | 10.10.10.145 | | = | | | |
| 🗙 CoPilot | Copilot | CPTDODB1503 | ? | ? | 10.10.10.85 | Invalid Serial No - CPTDO | D | | | |
| i Test | CoPilot | CPT256P1401001 | ? | ? | 10.10.10.185 | | | | | |
| • | | III | _ | | | ŀ | | | | |



When the search has been completed a list of found printers will display.

| Locating Printer | | | | | VORIDICIO BOTO | | x | | |
|--|-----------------|----------------|-------|------|----------------|---------------------------|---|--|--|
| Looking for Squid Ink print | ter in progress | 5 | | | | | | | |
| Identifying Printer (5/5) 10. 10. 185 100% completed | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | Close | | | |
| | | | | | | Close | _ | | |
| Found Printer List: | 1 | 1 | 1 | 1 | 1 | | | | |
| * Printer | Туре | Serial No. | Heads | Jets | IP Address | Status | ^ | | |
| Kyle's CoPilot 256 | CoPilot | CPT256P1410004 | 2 | 256 | 10.10.10.186 | | | | |
| CoPilot | CoPilot | CPT1502901 | 2 | 128 | 10.10.10.160 | | | | |
| CoPilot | CoPilot | CPT128P1504900 | 2 | 128 | 10.10.10.145 | | Ξ | | |
| X CoPilot | Copilot | CPTDODB1503 | ? | ? | 10.10.10.85 | Invalid Serial No - CPTDO | D | | |
| Test | CoPilot | CPT256P1401001 | 2 | 256 | 10.10.10.185 | | | | |
| • | | III | | | | 4 | - | | |
| | | | | | | | | | |

Select %Glose+to close the %Locating Printer+window.

| Select Printer/Printhead | |
|---|--------|
| The following printer(s) have been automatically located or registered before | e: |
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| | |
| Automatically Locate Printer | |
| Manually Charify a Printer | |
| | |
| ОК | Cancel |
| | |



Orionï will display an updated list of located printers. Printers that have not been assigned to a print station or connected will display as **Blue**.

| ÷ | Test [CoPilot: CPT256P1401001]@10.10.10.185 |
|-------|---|
| ÷ | Jetline [Jetline: JWC14101505007]@10.10.10.183 |
| ÷ | Kyle's CoPilot 256 [CoPilot: CPT256P1410004]@10.10.10.186 |
| ÷ | CoPilot [CoPilot: CPT1502901]@10.10.10.160 |
| ÷ | CoPilot [CoPilot: CPT128P1504900]@10.10.10.145 |
| _ | |
| | |
| Orion | |
| Orion | Now we need to connect to the printer you have selected to retrieve the latest configuration data. Do you want to continue? |

Place a check next to any newly located printers that you wish to assign to the print station and select **% K+**.

A window will open asking if you want to connect to the selected printer and retrieve the printer configuration data.

Select **%es**+to connect to the selected printer. A progress window will display briefly.

The newly connected printer will now be displayed in the **%Rrint Station Explorer**+list and the **%Rrinter Connection Status window**+.



| Printer Connection Status | | | | | | | | | | |
|---------------------------|---------|---------|----------------|--------------|-----------------|-------|------|---------------|-----------|---------------------|
| * | Name | Туре | Serial # | IP Address | Head Type | Heads | Jets | Prod. Counter | Ink Level | Last Connected |
| - | Test | CoPilot | CPT256P1401001 | 10.10.10.185 | 256-jet Passive | 2 | 256 | 437 | 100% 100% | 2016/02/02 13:15:42 |
| | Jetline | Jetline | JWC14101505007 | 10.10.10.183 | 16-jet 1" | 1 | 16 | | | 2016/02/02 13:15:42 |
| | CoPilot | CoPilot | CPT1502901 | 10.10.10.160 | 128-jet | 2 | 128 | | | 2016/02/02 13:15:42 |
| | | | | | | | | | | |

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Printer Connection Status



The **%Rrinter Connections+**Button will toggle the **%Rrinter Connection Status+** window off and on. The **%Rrinter Connection Status+** list is located at the bottom of the Orionï workspace.

You can connect to a printer from the **%**rinter Connection Status+list.

| Printer C | Printer Connection Status | | | | | | | | | |
|-----------|---------------------------|---------|----------------|--------------|-----------------|-------|------|---------------|-----------|---------------------|
| * | Name | Туре | Serial # | IP Address | Head Type | Heads | Jets | Prod. Counter | Ink Level | Last Connected |
| | Test | CoPilot | CPT256P1401001 | 10.10.10.185 | 256-jet Passive | 2 | 256 | | | 2016/02/02 13:15:42 |
| | Jetline | Jetline | JWC14101505007 | 10.10.10.183 | 16-jet 1" | 1 | 16 | | | 2016/02/02 13:15:42 |
| | CoPilot | CoPilot | CPT1502901 | 10.10.10.160 | 128-jet | 2 | 128 | | | 2016/02/02 13:15:42 |
| | | | | | | | | | | |

Double clicking on a printer in the **%**rinter Connection Status+list will connect to the printer and open the **%**rinter Configuration+window.

| Test[C | PT256P1401001] × | | | | |
|---------|---------------------------|-----------------------|----------|--|-----------------|
| General | Font List & Ink System | Network Configuration | Print Co | onfiguration | |
| Syster | m Information | | | Supported Features | |
| | | fir. | - | 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 |
| Print | er type: | Copilot | | Maximum number of Date/Time elements | 16 |
| Seria | l number: | CPT256P1401001 | | Maximum number of Shift elements | 16 |
| Firm | ware version: | 22.1.21 | | Maximum number of Barcode elements | 16 |
| Th | e firmware is up to date | | | Maximum number of Graphic elements | 16 |
| Soft | ware version: | 2.2.15 | | | |
| Th | e software is up to date | | | | |
| Ink s | ystem version: | 18 | | | |
| Th | e ink system configuratio | n is up to date | | | |
| Print | head software version: | N/A N/A | | | |
| | | | | | |
| | | | | | |
| | Install the lat | test version | | | |

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Printer Connection Status Icon Colors



In the **%Rrinter Connection Status**+list there are small printer icons located next to the printer names. The icons may be gray, green or blue depending on the printer status.



Gray: A gray icon will indicate that a printer has been added to the list but Orionï doesn**q** see it. In most cases this is due to the printer being turned off or becoming physically disconnected from the network.



Green: A green icon will indicate that Orionï recognizes the printer but the printer is not connected.



Blue: A blue Icon will indicate that the printer is connected to the Orionï desktop station.



Back and forth arrows displayed next to a blue printer icon will indicate that the printer is connected and currently being communicated with.

| Printer Co | Printer Connection Status | | | | | | | | | |
|------------|---------------------------|---------|----------------|--------------|-----------------|-------|------|---------------|-----------|---------------------|
| * | Name | Туре | Serial # | IP Address | Head Type | Heads | Jets | Prod. Counter | Ink Level | Last Connected |
| - | Test | CoPilot | CPT256P1401001 | 10.10.10.185 | 256-jet Passive | 2 | 256 | 437 | 100% 100% | 2016/02/03 10:21:03 |
| | Jetline | Jetline | JWC14101505007 | 10.10.10.183 | 16-jet 1" | 1 | 16 | | | 2016/02/02 13:15:42 |
| ∎∎ Jî | CoPilot | CoPilot | CPT1502901 | 10.10.10.160 | 128-jet | 2 | 128 | 9134 | 97% 97% | 2016/02/03 10:44:32 |

Example of Printer Connection Status List

Tip!You can drag and drop a printer from the %Rrinter ConnectionStatus+list to an existing Print Station in the %Rrint Stations+list to
assign the printer to a print station.





Print Station Explorer

| Pri | nt Station |
|-----|------------|
| E | Explorer |

The %Rrint Station Explorer+button will toggle the print station list on and off.

After a printer has been assigned to a print station you can connect to that printer through the print station list.



Right click on a printer in the **%Rrint Stations**+list to open a drop down menu.

Select **Configure Printer...**+ to connect to the printer and open the printer configuration window.

| CoPilot[CPT1502901] * > | (| | |
|-------------------------------|--------------------------|---|----------|
| General Font List & Ink Syste | em Network Configuration | Print Configuration | |
| System Information | | Supported Features | |
| | | Setting | Value |
| | | Number of printheads allowed | 2 |
| 100 100 2 | | Printhead type | 128-jet |
| | The second second | Security | Disabled |
| | 1 × 1 | User Data prompts | Enabled |
| | D.C. | Pre Build | Enabled |
| | | Maximum substrate width (columns) | 24,000 |
| | | Maximum characters allowed in file name | es 105 |
| | | Maximum number of Text elements | 100 |
| , | | Maximum number of Counter elements | 16 |
| Printer type: | Copilot | Maximum number of Date/Time elements | 16 |
| Serial number: | CPT1502901 | Maximum number of Shift elements | 16 |
| Firmware version: | 2.5.37 | Maximum number of Barcode elements | 16 |
| The firmware is up to da | te | Maximum number of Graphic elements | 16 |
| Software version: | 2.2.16 | | |
| The software is up to da | te | | |
| Ink system version: | 12 | | |
| The ink system configura | ation is up to date | | |
| Drinthood on thurse warrier | 01.00.06 01.00.06 | | |
| The printhead of the second | | • | |
| The printnead software | s up to date | | |
| Install the | latest version | | |