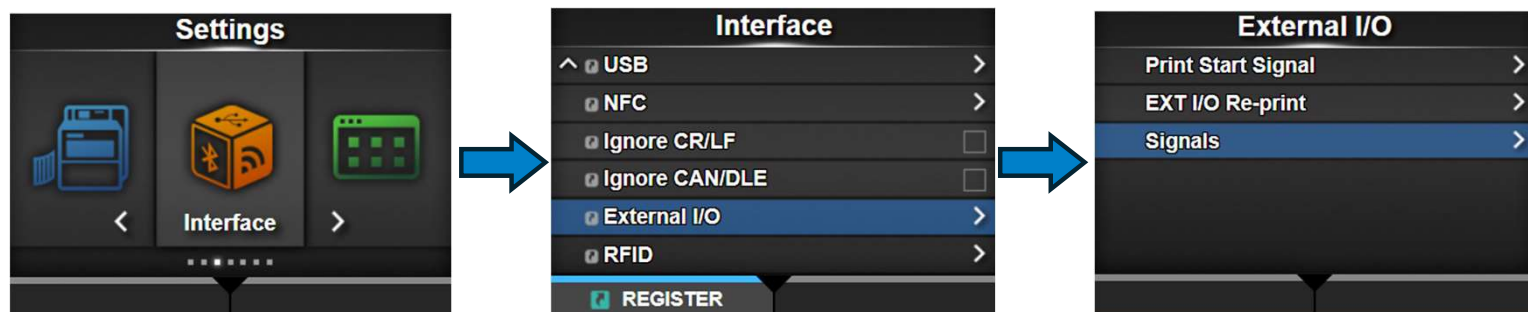




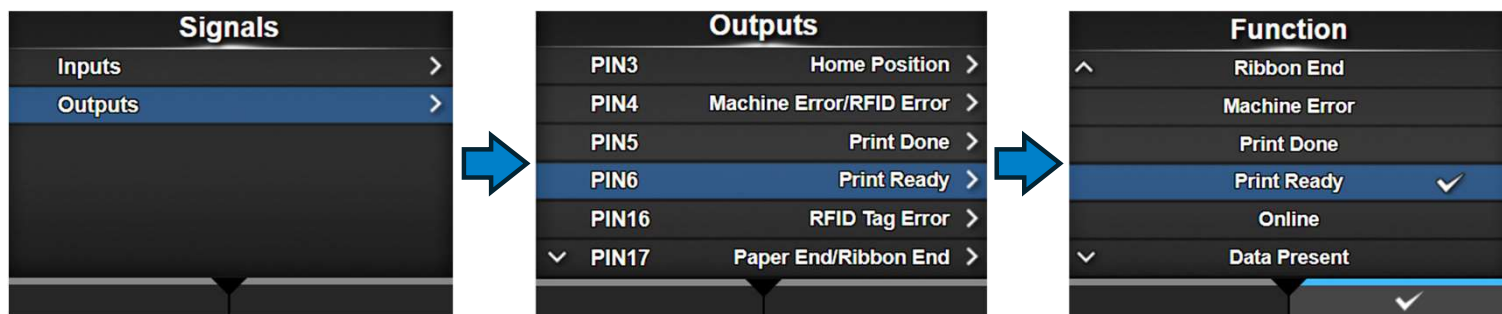
TT-009 EXT-IO Transition from EX to NX S84NX/S86NX

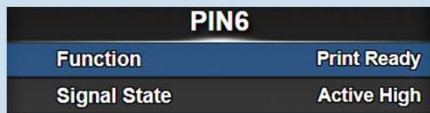
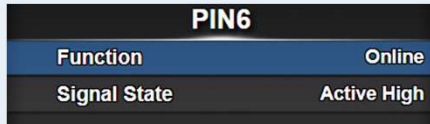
With the NX we gained more flexibility to individually control the Input/Output pins. This guide outlines how to replicate the **MODE 1,2, or 3** External IO settings from an EX model print engine to an NX model print engine.

1. With the Printer Offline, go to Settings → Interface → External I/O → Signals



2. Select [Outputs] and use the   button to select the Output Pin you wish to edit. Use the following chart to modify the Output pins so they replicate the same functionality as the EX (Ext Pin 9 Select) Mode 1 or Mode 2. See next page for Mode 3



EX	NX	EXAMPLE
Mode 1	PIN 6 FUNCTION = PRINT READY SIGNAL STATE = ACTIVE HIGH	
Mode 2	PIN 6 FUNCTION = ONLINE SIGNAL STATE = ACTIVE HIGH	

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3. Use the following chart to modify the Output pins so they replicate the same functionality as the EX (Ext Pin 9 Select) Mode 3

EX	NX	EXAMPLE								
<div>Mode 3 [Data Ready]</div>	<div>PIN 6 FUNCTION = PRINT READY SIGNAL STATE = ACTIVE HIGH</div> <div>PIN 19 - Optional FUNCTION = ONLINE SIGNAL STATE = ACTIVE HIGH</div>	<div><div>PIN6</div><table><tr><td>Function</td><td>Print Ready</td></tr><tr><td>Signal State</td><td>Active High</td></tr></table><div>PIN19</div><table><tr><td>Function</td><td>Online</td></tr><tr><td>Signal State</td><td>Active High</td></tr></table></div>	Function	Print Ready	Signal State	Active High	Function	Online	Signal State	Active High
Function	Print Ready									
Signal State	Active High									
Function	Online									
Signal State	Active High									
<div>Mode 3 [Data Present]</div>	<div>PIN 6 FUNCTION = DATA PRESENT SIGNAL STATE = ACTIVE HIGH</div> <div>PIN 19 - Optional FUNCTION = ONLINE SIGNAL STATE = ACTIVE HIGH</div>	<div><div>PIN6</div><table><tr><td>Function</td><td>Data Present</td></tr><tr><td>Signal State</td><td>Active High</td></tr></table><div>PIN19</div><table><tr><td>Function</td><td>Online</td></tr><tr><td>Signal State</td><td>Active High</td></tr></table></div>	Function	Data Present	Signal State	Active High	Function	Online	Signal State	Active High
Function	Data Present									
Signal State	Active High									
Function	Online									
Signal State	Active High									

4. If connected via LAN, you can also edit the External I/O settings using the SATO WebConfig or the SATO All-In-One Tools.

