



HP Latex 3100/3500 Printer RIP Certification

The HP RIP Certification is a process to differentiate the RIP partners who reach a specific and superior level of integration, compatibility and performance with the HP Latex 3100 and 3500 Printers. The scope of the RIP Certification program is mainly focused on the RIP-to-printer integration, with special attention to the areas that reinforce the printer value proposition. The compatibility support matrix below is presenting the RIP partners certified and versions.

RIP Certification Results Matrix

HP Latex 3100/3500 printer							Solutions across HP printers
Printing Performance	Media Management	Printer Management	Printer Reporting	Job Generation	Job Management	HP Application Center integration	
<ul style="list-style-type: none"> ★★★ Processing ★★★ Stress and print ★★★ Wider job management 	<ul style="list-style-type: none"> ★★ Add new media support ★★ Download ICC profile from printer 	<ul style="list-style-type: none"> ★★★ Show "media type unavailable" ★★★ Show layout conflict in HP IPS ★★★ Show printer unavailable 	<ul style="list-style-type: none"> ★★ Show printer status ★★ Show printer notifications 	<ul style="list-style-type: none"> ★★★ Color Bars ★★★ Improved preview ★★★ Send copies through JDF 	<ul style="list-style-type: none"> ★★★ Job cancel in RIP ★★★ Printer and Job Status ★★★ Job accounting 	<ul style="list-style-type: none"> ★★ Protected PDF ★★ Job automation 	
AVA							
Digital Print RIP 2.17	★★★	★★	★★★	★★	★★★	★★★	★★
Caldera							
Grand RIP+ 11, 12	★★★	★★	★★★	★★	★★★	★★★	★★
ONYX							
Thrive 10.0.5, 10.1	★★★	★★	★★★	★★	★★★	★★★	★★

Test Area	Test case
Printing performance	Test 1 Processing and printing time: Measure the throughput (time) it takes to rip an image and transfer the job to the HP IPS shared folder.
	Test 2 Stress and Load Test: Ensures that the RIP can support multiple and large jobs.
	Test 3 Job Wider than the printer width: Ensures that the RIP can send jobs bigger than the printer size. HP IPS will take care of those jobs giving the possibility to rotate or tile them.
Media management	Test 1 Add new media support: media list synchronization – basic workflow
	Test 2 Download ICC profile from printer: HP IPS can download media presets from the HP Media Locator server. Those media presets include a CMYK ICC profile that can be retrieved by the RIP (Automatic media list synchronization).
Job management	Test 1 Job cancel: Validates that cancel while RIPing a job is working correctly.
	Test 2 Job status: Validate the RIP is showing the printer job status
	Test 3 Job accounting: Validates de RIP displays in ink and media consumption after printing.
Job Generation	Test 1 Color stripe/Bar: The RIP can generate color stripes/bars for all ink colors.
	Test 2 Improved job Preview: The RIP can generate a higher resolution job preview for the new version of the HP IPS.
	Test 3 Send # copies through JDF format: using JDF ticket, the RIP can send the number of copies.
Printer management	Test 1 Show “media type unavailable”: User needs to be informed when selected a media type or print mode not available in printer.
	Test 2 Show layout conflict in HP IPS: User needs to be informed in HP IPS when trying to select a printer layout option that conflicts with some previous RIP selections such as Color bar or cutter marks.
	Test 3 Show printer unavailable: User needs to be informed in case the RIP cannot connect to the printer when printing or when retrieving the media list.
Printer Reporting	Test 1 Show Printer status: Validate the RIP displays the printer status.
	Test 2 Show printer notifications: Validate the RIP displays the printer notifications.

