Line extension license

As part of this service offering, Kodak will extend the number of Job Ticket Processor (JTP) licenses purchased by the Customer to a maximum of 8 per JTP or until any combination of JTP processors causes the Virtual Machine's CPU to run at 95% during processing. If additional JTP processing is required (Prinergy Secondary Server), the Customer can purchase 1 or more additional Virtual Machines at standard rates, or move to a higher performance VM. (i.e. move from a D8-32 to a D16-64).

Job Ticket Processors included as part of the Managed Service Line Extension License.

Product Number	Description
015-01280A-117	Adds one additional output render engine (or Job Ticket Processor - JTP, aka RIP) to a KODAK PRINERGY system.
015-01280A-125	Adds one additional Refine engine (or Job Ticket Processor - JTP) to a KODAK PRINERGY system.
015-01280A-129	The Batch Trapping engine provides the ability to automatically Trap PDF pages during a KODAK PRINERGY refining process.
015-01280A-141	Based on Callas PDF Toolbox, PreflightPlus provides advanced profile-based preflighting to identify and correct problems in the input files.

This entitlement has the following restrictions:

- Prinergy Primary and Secondary servers support a maximum of 56 Job Ticket Processors, per server. It is not possible to have all Job Ticket Processors that are part of the Line Extension license entitlement enabled on a single server.
- The Products listed above, except for Prefilght+ grant up to eight JTPs per Primary and Secondary. For example, if a customer has a Primary and two Secondaries, their Trap JTP entitlement would be 24.
- The Preflight+ entitlement is limited to 8 JTPs per entire system, regardless of the number of secondaries.
- The Line Extension License feature in Managed Services only increases the number of JTPs the customer can run in Managed Services, if they are licensed to use that feature in the first place. For example, if the customer is not licensed to run Preflight+ on-premises, then they cannot increase the number of Preflight+ JTPs to eight in Managed Services. They would need to purchase one Preflight+ license first, and then they can increase the JTPs to eight when they move to Managed Services.
- Because of the lower compute capability of the B-Series, it is limited to only two or four JTPs per type based on the size of the B-Series VM. (see Size list below)

What a typical entitlement look like for a single Primary

JTPs	Entitled	Licensed	License Switches	License Needed
Render JTPs	8	8	High or Low Res To File JTP	015-01280A-117
Preflight+ JTPs	8	8	Preflight+	015-01280A-141
Register JTPs	8	8	Register JTP	015-01280A-125
Normalizer JTPs	8	8	Normalizer	
Trapper JTPs	8	7	Trapping JTP	015-01280A-129

*Currently Prinergy does not support Trap licenses greater than 7. Will be addressed in a future version of Prinergy.

What a typical entitlement look like for a Primary and a single Secondary

JTPs	Entitled	Licensed	License Switches	License Needed
Render JTPs	16	16	High or Low Res To File JTP	015-01280A-117
Preflight+ JTPs	8	8*	Preflight+	015-01280A-141
Register JTPs	16	15*	Register JTP	015-01280A-125
Normalizer JTPs	16	16	Normalizer	
Trapper JTPs	16	7*	Trapping JTP	015-01280A-129

*Currently Prinergy does not support Trap licenses greater than 7. Will be addressed in a future version of Prinergy.

*Currently Prinergy does not support Register licenses greater than 15. Will be addressed in a future version of Prinergy.

*The Preflight+ entitlement is limited to 8 JTPs <u>per system</u>.

Typical number of JTPs based on the VM Size

Everyone's work is different. Use this as a rough guide to start the customer with an appropriate number of JTPs. Obviously, if the customer does not trap, then trap JTPs can be swapped for another JTPs that see more usage by the customer.

B-Series

- Standard_B8ms with 32 gigabytes of RAM: limited to no more than 2 per JTP type (this is a hard limit, not licensed to run more)
- Standard_B16ms with 64 GB of RAM: limited to no more than 4 per JTP type (this is a hard limit, not licensed to run more)

D-Series and F-Series

- Standard_D4s_v3 with 16 GB of RAM: In test seemed to struggle when set to 3 per JTP type. (licensed to run up to eight per JTP type, but no guarantee)
- Standard_D8s_v3 with 32 GB of RAM: In test seemed to struggle when set to 4 per JTP type. (licensed to run up to eight per JTP type, but no guarantee)
- Standard_D16s_v3 with 64 GB of RAM: In test seemed to struggle when set to 8 per JTP type. (licensed to run up to eight per JTP type, but no guarantee)
- Standard_F16s_v2 with 32 GB of RAM: In test seemed to easily handle 8 per JTP type
- Standard_F32s_v2 with 64 GB of RAM: In test seemed to easily handle 8 per JTP type
- Standard_F48s_v2 with 96 GB of RAM: In test seemed to easily handle 8 per JTP type