Glossary	
Image:	An digital representation of a a media sheet side.
Impression:	For a print job, an impression is the passage of the entire side of a sheet by the marker, whether or not any marks are made and independent of the number of passes that the side makes past the marker. Thus a four pass color process counts as a single impression, as does highlight color. Impression counters count all kinds: monochrome, highlight color, and full process color, while full color counters only count full color impressions, and high light color counters only count high light color impressions. One-sided processing involves one impression per sheet. Two-sided processing involves two impressions per sheet. If a two-sided document has an odd number of pages, the last sheet still counts as two impressions, if that sheet makes two passes through the marker or the marker marks on both sides of a sheet in a single pass. Two-up printing is the placement of two logical pages on one side of a sheet and so is still a single impression An impression is a media sheet side that has passed by the marker.
N-up Number-up	The placement of two or more pages on one side of a sheet (i.e. impression) so that each side or impressions counts as N pages.
Page	A page is a logical division of the original source document. Number up (N-Up) is the imposition of more than one page on a single side of a sheet.
Sheet	A sheet is a single instance of a medium, whether printing on one or both sides of the medium.

Element Name		reference
	Description	
Auxil	iaryImpressions	
	The number of media sheet sides that pass by the marker that are not part of t (e.g. administration pages, error sheets, banner sheets, job reports, confirmation	ū
Auxil	iaryBlackImpressions	
	The number of impressions using only black colorant not part of the user's jol	o data
Auxil	iaryBlankImpressions	
	The number of impressions that are not part of the user's job data for which note: Impressions that contain watermarks or forms are not counted as blank watermark or form is not part of the job data.	
Auxil	iaryFullColorImpressions	
	The number of impressions that are not part of the user's job data for which o black colorants are used. This counter does not include HighlightColor (spot)	

Element Name	reference
Description	
AuxiliaryHighlightColorImpressions	
The number of impressions that are not part of the user's job data that uses on colorant. The image may also contain black colorant. Highlight color impressionly on devices that are highlight color capable.	
CopierImpressions	
The number of media sheet sides that pass by the marker when using the devi	ice as a copier.
CopierBlack Impressions	
The number of impressions using only black colorant when using the device a	as a copier.
Copier FullColorImpressions	
The number of impressions using one or more non-black colorants when usin copier. The images may also contain black colorant. [This counter does not in HighlightColor (spot) impressions.] only in printer	
EmailImagesSent	
The number of scanned sides of stock that are transmitted when using the E-r	nail service.
EmailBlackImagesSent	
The number of images that are transmitted in Black and White or Grayscale M device's e-mail service.	Modes when using a
EmailBlankImages ISSUE: Do we want this counter?	
The number of blank images that are transmitted when using a device's e-mail	l service.
EmailFullColorImagesSent	
The number of scanned sides of stock that are transmitted in color when using	g the Email service.
FaxInImages	
The number of images that are received by the device's Public Service Teleph (PSTN)Fax service.	one Network
FaxInBlackImages	
The number of images that are received by the device's PSTN Fax service in Grayscale Modes.	Black and White or
FaxInFullColorImages	
The number of images that are received by the device's PSTN fax service in F	Full Color Mode.
FaxInImpressions	
The number of media sheet sides that pass by the marker when using the device received faxes.	ce to print PSTN

Element Name	reference
Description	
FaxInBlackImpressions	
The number of impressions using only black colorant when using the dereceived faxes.	evice to print PSTN
FaxInBlankImpressions	
The number of impressions for which no colorant is placed on a side of using the device to print PSTN received faxes.	a piece of media when
FaxInFullColorImpressions	
The number of impressions using one or more non-black colorants whe PSTN fax machine for received faxes. The images may also contain bla	_
FaxOutImages	
The number of images that are sent by the device's PSTN Fax service.	•
FaxOutBlackImages	
The number of images that are transmitted when using a device's PSTN White or Grayscale Modes.	I fax service in Black and
FaxOutFullColorImages	
The number of images that are transmitted when using a device's PSTN Mode.	I fax service in Full Color
FileOutImages ISSUE: Is images the appropriate metric for storing data	
Number of images that are stored locally or remotely	1
FileOutBlackImages ISSUE: Does B&W/Color make a difference when storin images	ug .
Black and white or greyscale images that are stored locally or remotely	1
FileOutFullColorImagesSent	
Color images that are stored locally or remotely	
MaintenanceImpressions	
The number of media sheet sides that pass by the marker while the devi-	ce is in service mode.
MaintenanceBlackImpressions	
The number of impressions using only black colorant while the device i	s in service mode.
MaintenanceBlankImpressions	
The number of impressions for which no colorant is placed on a side of device is in service mode.	a piece of media while the
MaintenanceFullColorImpressions	

Element Name	reference
Description	
The number of impressions using only color colorant while the device is in secounter does not include HighlightColor (spot) impressions.	rvice mode. This
MaintenanceHighlightColorImpressions	
The number of impressions that have an image that uses one (spot) non-black device is in service mode. The image may also contain black colorant. Highlig impressions are produced only on devices that are highlight color capable. NetworkFaxInImages	
The number of images that are received by the device's Network Fax service.	
NetworkFaxInBlackImages	
The number of images that are received by the device's network Fax service in or Grayscale Modes.	n Black and White
NetworkFaxInFullColorImages	
The number of images that are received by the device's network fax service in	Full Color Mode.
NetworkFaxInImpressions	
The number of media sheet sides that pass by the marker when using the device received faxes.	ce to print network
NetworkFaxInBlackImpressions	
The number of impressions using only black colorant when using the device to received faxes.	o print network
NetworkFaxInBlankImpressions	
The number of impressions for which no colorant is placed on a side of a piecusing the device to print network received faxes.	e of media when
NetworkFaxInFullColorImpressions	
The number of impressions using one or more non-black colorants when using network fax machine for received faxes. The images may also contain black colorants	
NetworkFaxOutImages	
The number of images that are sent by the device's network Fax service.	
NetworkFaxOutBlackImages	
The number of images transmitted when using a device's network Fax service or Grayscale Modes.	in Black and White
NetworkFaxOutFullColorImages	
The number of images that are transmitted when using a device's network fax Color Mode.	service in Full

Element Name	reference
Description	
PrintImpressions	
The number of media sheet sides that pass by the marker when using the device	ce as a printer.
PrintBlackImpressions	
The number of impressions using only black colorant when using the device a	s a printer.
PrintBlankImpressions	
The number of impressions for which no colorant is placed on a side of a piece using the device as a printer.	e of media when
PrintFullColorImpressions	
The number of impressions using one or more non-black colorants when using printer. The images may also contain black colorant. This counter does not include HighlightColor (spot) impressions.	
PrintHighlightColorImpressions	
The number of impressions that have an image that uses one (spot) non-black using the device as a printer. The image may also contain black colorant. High impressions are produced only on devices that are highlight color capable.	
ScanImages	
number of scanned sides of stock scanned i. (i.e. includes Copy, Fax, Network etc.)	Fax, ScanToFile
ScanBlackImages	
number of scanned sides of stock scanned in Black and White or grayscale McCopy, Fax, NetworkFax, ScanToFile etc.)	odes. (i.e. includes
ScanFullColorImages	
number of scanned sides of stock scanned in full color mode. (i.e. includes Co NetworkFax, ScanToFile etc.)	py, Fax,
TotalImpressions	
The total number of media sheet sides that pass by the marker.	
TotalBlackImpressions	
The total number of impressions that have an image using black colorant only is made between black and white and gray scale.	. No differentiation
TotalBlankImpressions	
The total number of impressions for which no colorant is placed on a side of a Note: Impressions that contain watermarks or forms are not counted as blank of watermark or form is not part of the job data.	_
TotalFullColorImpressions	

The total number of impressions that have an image that uses one or more non-black. The image may also contain black colorant. This counter does not include HighlightC impressions. TotalHighlightColorImpressions The total number of impressions that have an image that uses one (spot) non-black colorant are highlight color capable. TotalSheets The total number of pieces of stock that have passed by the marker, independent of the that initiated the job. TotalBlankSheets The total number of pieces of stock on which no colorant is placed on either side of a media. Note: Sheets that contain watermarks or forms are not counted as blank even watermark or form is not part of the job data. TotalTwoSidedSheets The total number of media on which impressions are placed on both sides of the stock independent of the service that initiated the job. TotalBlackTwoSidedSheets	color (spot) clorant. The y on devices
The image may also contain black colorant. This counter does not include Highlight C impressions. TotalHighlightColorImpressions The total number of impressions that have an image that uses one (spot) non-black colorange may also contain black colorant. Highlight color impressions are produced only that are highlight color capable. TotalSheets The total number of pieces of stock that have passed by the marker, independent of the that initiated the job. TotalBlankSheets The total number of pieces of stock on which no colorant is placed on either side of a media. Note: Sheets that contain watermarks or forms are not counted as blank even watermark or form is not part of the job data. TotalTwoSidedSheets The total number of media on which impressions are placed on both sides of the stock independent of the service that initiated the job.	color (spot) clorant. The y on devices
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The total number of media on which impressions are placed on both sides of the stock independent of the service that initiated the job.	
independent of the service that initiated the job.	
TotalBlackTwoSidedSheets	ζ,
The total number of pieces of stock on which only black images are placed on both si stock, independent of the service that initiated the job.	des of the
TotalFullColorTwoSidedSheets	
The total number of pieces of stock on which images that use one or more non-black placed on both sides of the stock, independent of the service that initiated the job. The also contain black colorant. This counter does not include HighlightColor (spot) impressions.	e image may
TotalHighlightColorTwoSided Sheets	
The total number of pieces of stock on which images that use one (spot) non-black coplaced on both sides of the stock, independent of the service that initiated the job. The may also contain black colorant.	
ProcessingTime	

Elem	nent Name	reference
	Description	
	Lifetime (seconds) counter, that the device or service has been engaged in sor "processing". Processing can include receiving and buffering data or resource job or as a resource download, ripping, imaging, finishing etc. Responding to queries should not be considered processing unless management and job prot indistinguishable. A simple way to tally ProcessingTime is to mark the tick as "processing", accumulate these differences and compare against the running ProcessingTime is intended to be a low overhead metric that enables (via inveidle time. This information can be useful for capacity planning in a managed	es either as part of a management ocols are the start and end of power-on counter. erse) calculation of
Dow	nTime	
	Lifetime (seconds) counter, that the device or service has existed with an error requiring intervention or preventing operation of all or part of the device. (Do we need PrinterDownTime, ScannerDownTime, etc?). A simple way to tally DownTime is to mark the tick at the leading and trailing edges of an event, accumulate these differences and compare against the running power-on counter. DownTime is intended to be a low overhead metric that enables (via inverse) calculation of availability time. This information can be useful for service level validation in a managed environment.	
Main	tenanceTime	
	Lifetime (seconds) counter, that the device or service has existed in a condition where maintenance personnel have logged-in via whatever mechanism they do so for that device. (Maintenance time may be hard to calculate for a "service"). A simple way to tally MaintenanceTime is to mark the tick when personnel logs in and out, accumulate these differences and compare against the running power-on counter. MaintenanceTime can be useful for service level validation in a managed environment.	