Product Support Guide
D095 / M077

Introduction

RFG # 045741

Model Type	Color MFP	Color Printer
Launch Date	10/2010	
S/N Configuration	VC99YMM00001	T01YMM00001
Product Code	D095	M077

Brand/Model Name

Product Code	Lanier	Ricoh	Savin
M077	**Pro C901**	**Pro C901**	**Pro C901**
D095	**Pro C901S**	**Pro C901S**	**Pro C901S**

Product Concept

D095

M077

Introduction:
The D095/M077 is the latest Production Color 90ppm machine. The D095 version supports GW and Fiery scanning.
New technologies:

- Oil-less Fuser Unit
- 300gsm duplex printing supported
- New chemical toner
- Enhanced TCRU approach
- Paper Library

Finishing:
The D096/M077 series will continue to support the Cover Interposer, Z Folder, GBC, PlockMatic, 3000 Sheet Finisher, Buffer Pass Unit, Ring Binder and Perfect Binder.

New for this series:
The SR5020 Booklet Finisher with optional Trimmer Unit and Stacker (both common to the current High Volume BW product line). Also the LCIT includes TCRU Feed Section - Roller replacement and improved Side Fence operation.

Key Installation Points For the Pro C901s/Pro C901:

- The Paper Library .mqp file needs to be loaded at installation.
- A forklift is required to remove the main frame from the shipping pallet.
- Developer is pre-installed from the factory.
- Toner Sub Hoppers are empty and need to be primed at installation. Run SP2253-006 with left door open.
- Check Installation Section of this PSG for weight, space and power requirements.
- The Pro C901 requires NEMA 6-30 receptacle. (208v-240v, 30A)
- Controllers are external from mainframe. Installation requires setting SP5193-001 to the correct setting.
- 2 Network connections are required – 1 for Fiery printing / Fiery Scanning and1 for @Remote / GW Scanning.
- Controller / Mainframe network connections – Lower network slot on Controller / Right network slot on GW Controller.

Subject to change without notice

Product Support Guide
M077 / D095

Order Number
Main Frame

Item	Model Name	EDP Code
D095	Lanier Ricoh Savin	TBA TBA TBA
M077	Lanier Ricoh Savin	TBA TBA TBA

Note: Order Numbers are provided for reference purposes only. Please use your Pricing Guide for proper order numbers to insure you receive the correct branding emblem.

Options

Item	Description	EDP Code	Product Code	Common / Unique	Remarks
Finisher	Finisher SR5000	412981	B830	C (C900)	3000 sheet finisher
LCIT	LCIT RT5030	404220	D452	C (D059)	LT LCT Only Available for G178
LCIT	LCIT RT5050	404362	D532	U	Up to 13"x19" paper / 2000sheets x 2 M077 – 2 Units can be installed D095 – 1 Unit can be Installed
Buffer Pass Unit	Buffer Pass Unit (used with SK5010)	404283	M379	C (G178)	Recommended when installing the High Capacity Stacker
High Capacity Stacker	High Capacity Stacker SK5010	404215	D447	C (D059)	5000 sheets
Roll-Away Cart	Roll-Away Cart Type 5010 (additional cart)	404218	D456	C (D059)	Additional cart for Stacker
Cooling Fan Unit	Cooling Fan Unit Type 5000	404170	B831	U	Cools output in SR5000 shift tray
A3/11"x17" Tray Unit	A3/11"x17" Tray Unit TK5000	412967	B331	C (C900)	Converts Tandem tray to 11/17"
Bridge Unit	Bridge Unit BU5000	404111	D379	C (C900)	Connect 2nd RT5050
Tab Sheet Holder	Tab Sheet Holder Type3260	412203	B499	C (C900)	-
Multi Bypass Tray	Multi Bypass Tray BY5000	412974	B833	C (C900)	Installs on top of optional LCT (RT5050/RT5030)

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Product Support Guide
M077 / D095

Item	Description	EDP Code	Product Code	Common / Unique	Remarks
Z-folding Unit	Z-folding Unit ZF4000	412805	B660	C (C900)	-
Punch Unit	Punch Unit PU5000 NA	412983	B831	C (C900)	Punch unit for SR5000
Booklet Finisher	Booklet Finisher SR5020	404174	D434	C (D059)	Saddle Stitcher
Punch Unit	Punch Unit Type5020 NA	404177	D449	C (D059)	Punch unit for SR5020
Trimmer Unit	Trimmer Unit TR5020	404180	D455	C (D059)	Trim Unit for BK5020
Cover Interposer Tray	Cover Interposer Tray CI5000	404087	B835	C (C900)	-
Perfect Binder	Perfect Binder GB5000	404099	D391	C (C900)	Produces glue bound output (All 3 items are ordered separately, but all are required for BG5000 installation)
Transit Pass Unit Type	Transit Pass Unit Type GB5000	404101		C (C900)	Required for GB5000
Cover Interposer Tray	Cover Interposer Tray Type GB5000 (	404102		C (C900)	Required for GB5000
Ring Binder	Ring Binder RB5000	404112	D392	C (C900)	Produces Ring bound output
Ring Opener	Ring Opener Type A	404114	D419	C (C900)	Option to open finished Ring bound booklet to add pages
Production Booklet Finisher	Booklet Finisher BK5010e	404305		C (B234)	
Cover Feeder	Cover Feeder CF5010e	412102		C (B234)	
Trimmer Unit	Trimmer Unit TR5010e	404299		C (B234)	
Book Fold Unit	Book Fold Unit BF5010e	404300		C (B234)	
Rail Unit	Rail Unit	413105		C (B234)	
Color Controller	Type E-81	404367	M392	U	High End Fiery Controller (External)
Color Controller	Type E-41	404361	M391	U	Standard Fiery Controller (External)

Subject to change without notice

Item	Description	EDP Code	Product Code	Common / Unique	Remarks
GBC Stream Punch III	GBC Stream Punch III	414387		C (B234)	The following parts are required to attach the GBC directly to the mainframe machine. • M0774703 - Bracket: Adapter Section: GBC • G1785145 – Sheet: GBC: Upper • Mo774707 – Guide Plate: GBC: Ass'y • B8321371 – Spacer Cushion • 04514008N – Tapping Screw: 4x8mm
Color Controller	Type E-81	404367	M392	U	High End Fiery Controller (External)
Color Controller	Type E-41	404361	M391	U	Standard Fiery Controller (External)
TCRU Kit	TCRU Kit Type A	404374	M877	U	Similar to C900 Kit
TCRU Kit	TCRU Kit Type B	404364	M877	U	Fuser Unit as TCRU Item
Java VM Card	Type F	414004	D377	C (C900)	Part Number for Operation Panel Key Top. • B2341574 (not included with option)
Optional Counter Interface	Type A	413012	B870	C (C900)	
Fuser Unit Air Separator	Type C901	TBA	M390	U	Assist paper separation from Fuser belt – low weight paper
EFI HDD Security	E41 EFI Server HDD Security Option	414939	D450	U	
EFI HDD Security	E81 EFI Server HDD Security Option	404317	M382	U	

Supplies/Yields

Item	EDP Code/ Product Code/ Lanier ID	Name	Target Yield
Gestetner			
NA	NA	NA	
Ricoh / Savin /Lanier			
Black Toner	828124	Pro Print Cartridge Black C901	63,000*
Yellow Toner	828125	Pro Print Cartridge Yellow C901	63,000*
Magenta Toner	828126	Pro Print Cartridge Magenta C901	63,000*
Cyan Toner	828127	Pro Print Cartridge Cyan C901	63,000*
Glue	404103	Glue Supply Type A for GB5000	1,300** Booklets
Rings (W100)	404117	Ring Supply Type A White 100 (5 sets of 75)	375
Rings (B100)	404118	Ring Supply Type A Black 100 (5 sets of 75)	375
Rings (W50)	404118	Ring Supply Type A White 50 (5 sets of 75)	375
Rings (B50)	404120	Ring Supply Type A Black 50 (5 sets of 75)	375
Staple Type U	404235	Staple Type U for BK5020 (Saddle Stitch)	5,000
Staple Refill Type U	415010	Staple Refill Type L for BK5000 (Saddle Stitch)	10,000
Drum (Black)	D0169510****	Drum	2.400,000
Drum (CYM)	D0169510****	Drum	2,400,000
Developer (Black)	M0779640****	Black Developer - ** Service Part/TCRU **	1,200,000
Developer (Cyan)	M0779660****	Cyan Developer - ** Service Part/TCRU **	1,200,000
Developer (Magenta)	M0779670****	Magenta Developer - ** Service Part/TCRU **	1,200,000
Developer (Yellow)	M0779680****	Yellow Developer - ** Service Part/TCRU **	1,200,000
Waste Toner Bottle	G1786973****	Waste Toner Bottle Type C900 – Service Part	220.000***
Ricoh			
Staple Type M	413013	Staple Type M for SR5000/SR5020	5,000
Staple Refill Type M	413026	Staple Refill Type M for SR5000/SR5020	25,000
Savin			
Staple Type M	9908	Staple Type M for SR5000/SR5020	5,000
Staple Refill Type M	9909	Staple Refill Type M for SR5000/SR5020	25,000
Lanier			
Staple Type M	4800383	Staple Type M for SR5000/SR5020	5,000
Staple Refill Type M	4800390	Staple Refill Type M for SR5000/SR5020	25,000

***Toner:**

- A4, 8.75% 50 Page/Job
- The condition is standard temperature and humidity.
- This yield number may change depending on the circumstances and printing conditions.

**** Glue:**

- A4/LT, 100 sheets

***** Waste Toner Bottle:**

- A4/LT, 5%, 50 Pages/Job

**** **Part Number**

Subject to change without notice

Option Compatibility

In any cases, one of SR5000, SR5020 or Stacker must be installed.
See Option Section (Page 2-4) for important GBC info.

	1. Tab sheet unit	2. Multi Bypass tray	3. A4 LCT	4. 13"x19.2" LCT #1	5. 13"x19.2" LCT #2	6. Bridge Unit for 13"x19.2" LCT	7. A3/DLT kit	8. 3,000 sheets finisher (SR5000)	9. Booklet finisher (SR5020)	10. Booklet Trimmer	11. Z-folding units	12. 2 tray Cover Interposer	13. Stacker #1	14. Stacker #2	15. Perfect binder	16. Transit pass unit for Perfect binder	17. Interposer for Perfect binder	18. Ring binder	19. Plockmatic Booklet Maker System	20. GBC Stream-punch System	21. HDD Overwrite unit	22. Optional Counter I/F	23. TCRU Kit	24. Buffer Pass Unit	25. Fuser Unit Air Separator
1. Tab sheet unit	■																								
2. Multi Bypass tray		■	X	M																					
3. A4 LCT		X	■	X	X	X																			
4. 13"x19.2" LCT #1			X	■																					
5. 13"x19.2" LCT #2			X	M	■	M																			
6. Bridge unit for 13"x19.2" LCT			X		M	■																			
7. A3/DLT kit							■																		
8. 3,000 sheets finisher (SR5000)								■	X	X															
9. Booklet finisher (SR5020)								X	■										X						
10. Booklet Trimmer								X	M	■									X						
11. Z-folding units								1	1		■			A											
12. 2 tray Cover Interposer												■													
13. Stacker #1													■		B	B	B	B							
14. Stacker #2													M	■	X	X	X	X							
15. Perfect binder unit													B	X	■	M	M	X							
16. Transit pass for Perfect binder													B	X	M	■	M	X							
17. Interposer for Perfect binder													B	X	M	M	■	X							
18. Ring binder													B	X	X	X	X	■							
19. Plockmatic Booklet Maker									X										■						
20. GBC Stream-punch System								1	1				1							■					
21. HDD Overwrite unit																					■				
22. Optional Counter I/F																						■			
23. TCRU Kit (Set A and B)																							■		
24. Buffer Pass Unit																								■	
25. Fuser Unit Air Separator																									■

[Remarks]

- X Cannot be installed together
- M Must be installed together
- 1 Must be select one of these options & installed together
- A Can be installed together when SR5000 is connected
- B Can be installed together in the following cases
  - SR5020 is connected
  - SR5020 and SK5010 are connected
  - SK5010 is connected without any finisher at the end of system

In any cases, one of SR5000, SR5020 or Stacker must be installed.
See Option Section (Page 2-4) for important GBC info.

	1. Tab sheet unit	2. Multi Bypass tray	3. 13"x19,2" LCT	4. Bridge Unit for 13"x19.2" LCT	5. A3/DLT kit	6. 3,000 sheets finisher (SR5000)	7. Booklet finisher (SR5020)	8. Booklet Trimmer	9. Z-folding units	10. 2 tray Cover Interposer	11. Stacker #1	12. Stacker #2	13. Perfect binder	14. Transit pass unit for Perfect binder	15. Interposer for Perfect binder	16. Ring binder	17. Plockmatic Booklet Maker System	18. GBC Stream-punch System	19. HDD Overwrite unit	20. Optional Counter I/F	21. Java VM Card	22. TCRU Kit	23. Buffer Pass Unit	24. Fuser Unit Air Separator
1. Tab sheet unit	■																							
2. Multi Bypass tray		■																						
3. 13"x19.2" LCT			■	M																				
4. Bridge unit for 13"x19.2" LCT			M	■																				
5. A3/DLT kit					■																			
6. 3,000 sheets finisher (SR5000)						■	X	X																
7. Booklet finisher (SR5020)						X	■										X							
8. Booklet Trimmer						X	M	■									X							
9. Z-folding units						1	1		■			A												
10. 2 tray Cover Interposer										■														
11. Stacker #1											■		B	B	B	B								
12. Stacker #2											M	■	X	X	X	X								
13. Perfect binder unit											B	X	■	M	M	X								
14. Transit pass for Perfect binder											B	X	M	■	M	X								
15. Interposer for Perfect binder											B	X	M	M	■	X								
16. Ring binder											B	X	X	X	X	■								
17. Plockmatic Booklet Maker							X										■							
18. GBC Stream-punch System						1	1				1							■						
19. HDD Overwrite unit																			■					
20. Optional Counter I/F																				■				
21. Java VM Card																					■			
22. TCRU Kit (Set A and B)																						■		
23. Buffer Pass Unit																							■	
24. Fuser Unit Air Separator																								■

[Remarks]

- X Cannot be installed together
- M Must be installed together
- 1 Must be select one of these options & installed together
- A Can be installed together when SR5000 is connected
- B Can be installed together in the following cases
  - SR5020 is connected
  - SR5020 and SK5010 are connected
  - SK5010 is connected without any finisher at the end of system

Branding Information

TBA

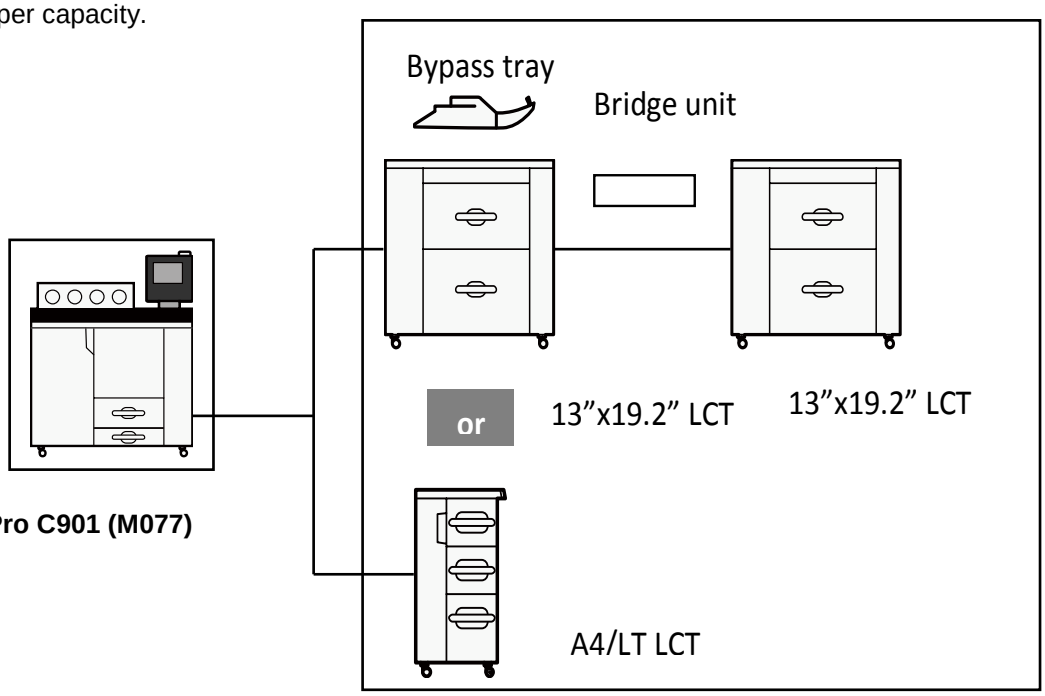
Configuration

Main Frame Configuration

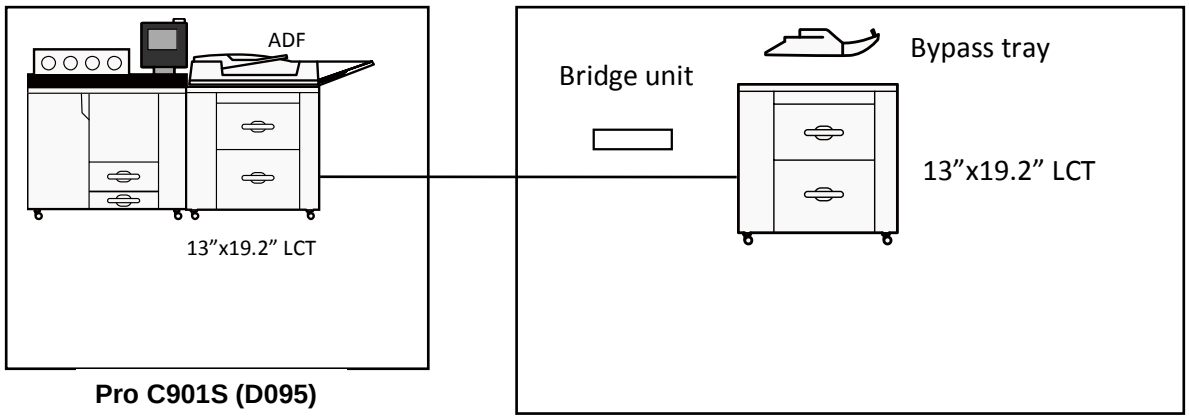
Pro C901 / C901 Paper Feed options

Pro C901 (Printer)
13”x19.2” LCIT and A4/LT LCIT are available for Printer version. The Bypass tray cannot be used with A4/LT LCIT.

Pro C901S (Copier Version)
Standard Copier version includes one units of 13”x19.2” LCIT, an additional LCIT can be connected to the system to increase paper capacity.



Pro C901 (M077)



Pro C901S (D095)

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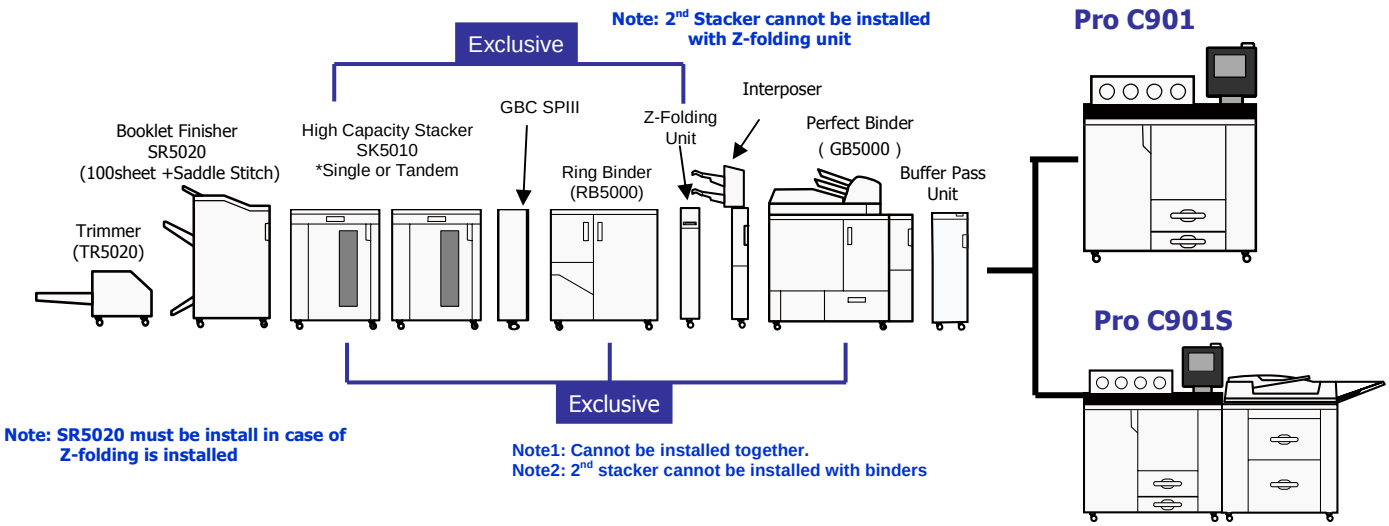
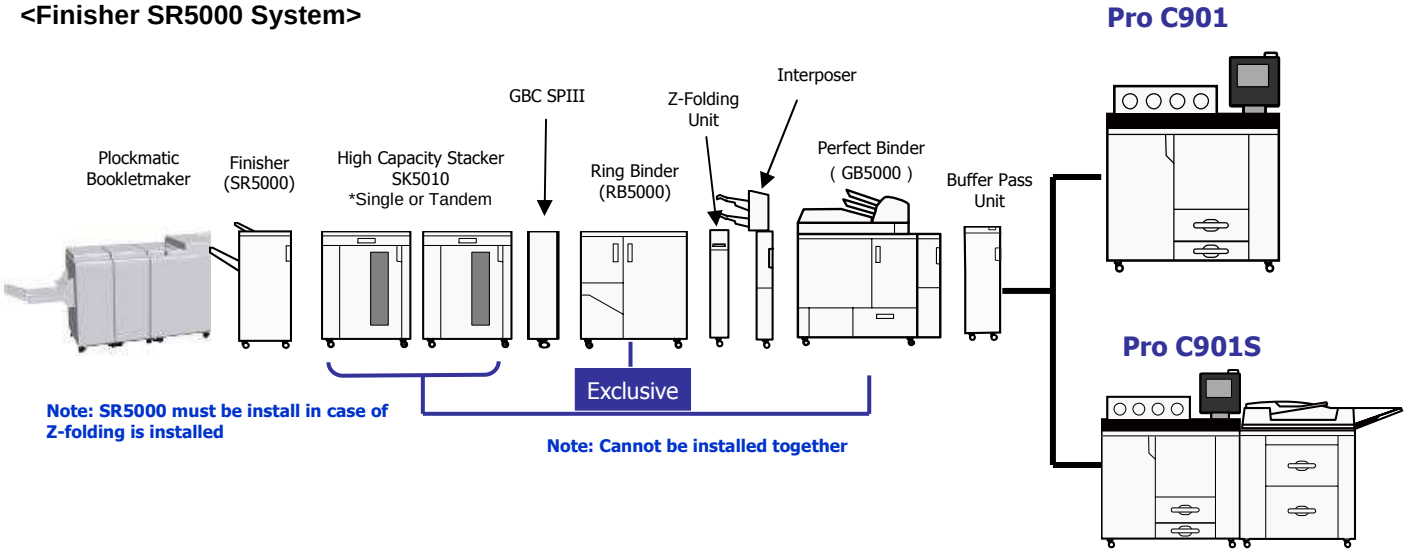
<Booklet Finisher SR5020 System>



<Finisher SR5000 System>



Notes: "Exclusive" – Refer to the notes in the configuration. Core Finishing Options (No limitations): Buffer Pass Unit, Interposer, Z-Folding Unit, GBCIII, SR5000 / SR5020. Specialty Finishing Options (Limited to one option): Perfect Binder, Ring Binder and Stackers. Plockmatic installation limited to SR5000 installation. See Option Section (Page 2-4) for important GBC info.

MFP Options

MFP Option Board Slot / SD Card Assignments

Slot 1 (lower slot) – Option slot
Slot 2 (upper slot) – Service slot

Feature Comparison to Previous version

Feature	Description	Pro C901S / C901	Pro C900S / C900
Fusing	Type of Fusing System	Oil-less	Oil based
Auto Duplexing Spec	Paper weight	300gsm	220gsm
Toner	Toner Type	PxP (Chemical)	Pulverized
Max DV	Max Document Volume	350K	240K
Finishing	Stacker	SK5010	SK5000
	Booklet Finisher w/ Trimmer	SR5020 w Optional TR5020	BK5000
Paper Input	LCIT-LT	RT5030	RT5000
	LCIT- Wide	RT5050	RT5020
Paper Library*	Preload Paper Media Settings	Available	N/A
Controllers	Fiery Baseline	E-41 (External)	Imbedded (Internal)
	Fiery Up-scale	E-81 (External)	E-80 (External)
	Creo	C-81 (External)	C-80 (External)
Operation Panel	Operation Panel Layout	Redesigned	Standard
Operator Call Light	Machine Status Light	Light Mast	On Operation Panel
TCRU Option	Trained Customer Replaceable Units	Enhanced (Dust Filters, Feed Section Rollers and Fuser Unit)	Standard
Energy Star	Energy Star Compliance	1.1 Compliant	No Energy Star Compliance
Air Separation Unit	Air assisted Fusing Belt Pick-off	TBA	N/A
Data OverWrite Security	DOS Option	Standard (default = Off)	Option

- Reference TSB for installation procedure.

Subject to change without notice

Installation

Installation Requirements (Environment)

Temperature Range:	Recommended Temp. 23° C (73.4° F). Allowed Range: 10° C to 32° C (50° F to 89.6° F)
Humidity Range:	15% to 80% RH
Ambient Illumination:	Less than 1,500 lux (do not expose to direct sunlight)
Ventilation:	3 times/hr
Ambient Dust:	Less than 0.10 mg/m^3 (2.0 x 10-6oz/yd^3)
Avoid areas exposed to sudden temperature changes: • Areas directly exposed to cool air from an air conditioner. • Areas directly exposed to heat from a heater.	
Do not place machine where it will be exposed to corrosive gas or vapor.	
Do not install the machine at any location over 2,000m (6,500 ft.) above sea level.	
Place the machine on a strong and level base.	
Do not place the machine where it may be subject to strong vibrations.	
Machine level	Front to back: within 2.5mm (0.1") of level
	Right to left: within 5.0mm (0.2") of level
Notes: • If the machine is installed in a location where the ambient temperature is more than 30℃ (86℉): (1) Do not run full color printing longer than 2 hours, and (2) never turn the main power switch off immediately after a long print job. Leave the machine on so that the fans can expel the hot air from the machine and cool the electronic components. • If this machine is to be used in a high temperature and high humidity condition, the tray heater is required to get the proper print quality. Connect the tray heater harness during the mainframe installation. • Do not connect the machine to the same power source as other electrical devices. • Leave the machine on so that the fans can expel the hot air and Ozone from the machine and cool the electronic components.	

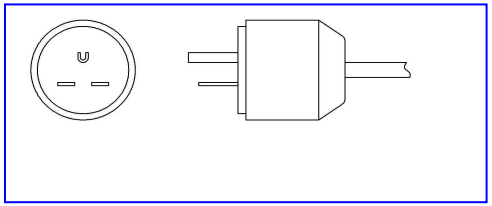
Network connections (X2):

1. Fiery Controller:
    a. Printing is only available via the Fiery controller.
    b. WIM access to Fiery Controller Settings.
2. GW network connection.
    a. Allows for @Remote connection.
    b. Web Image Monitor connection to mainframe GW settings

Power Requirements

Main Unit

- The required wall outlet is a **NEMA 6-30R** (receptacle) →
- 208v to 240v, 50/60 Hz: More than 24A. Single Phase.
- Power cord length: 15ft.
- Do not place anything on power cord.



Required Breaker
The operating area where the machine is to be installed must have a required breaker for the power line.
North America: Listed circuit breaker, rating: 240V 30A, double pole

Product Support Guide
D095 / M077

Accessories

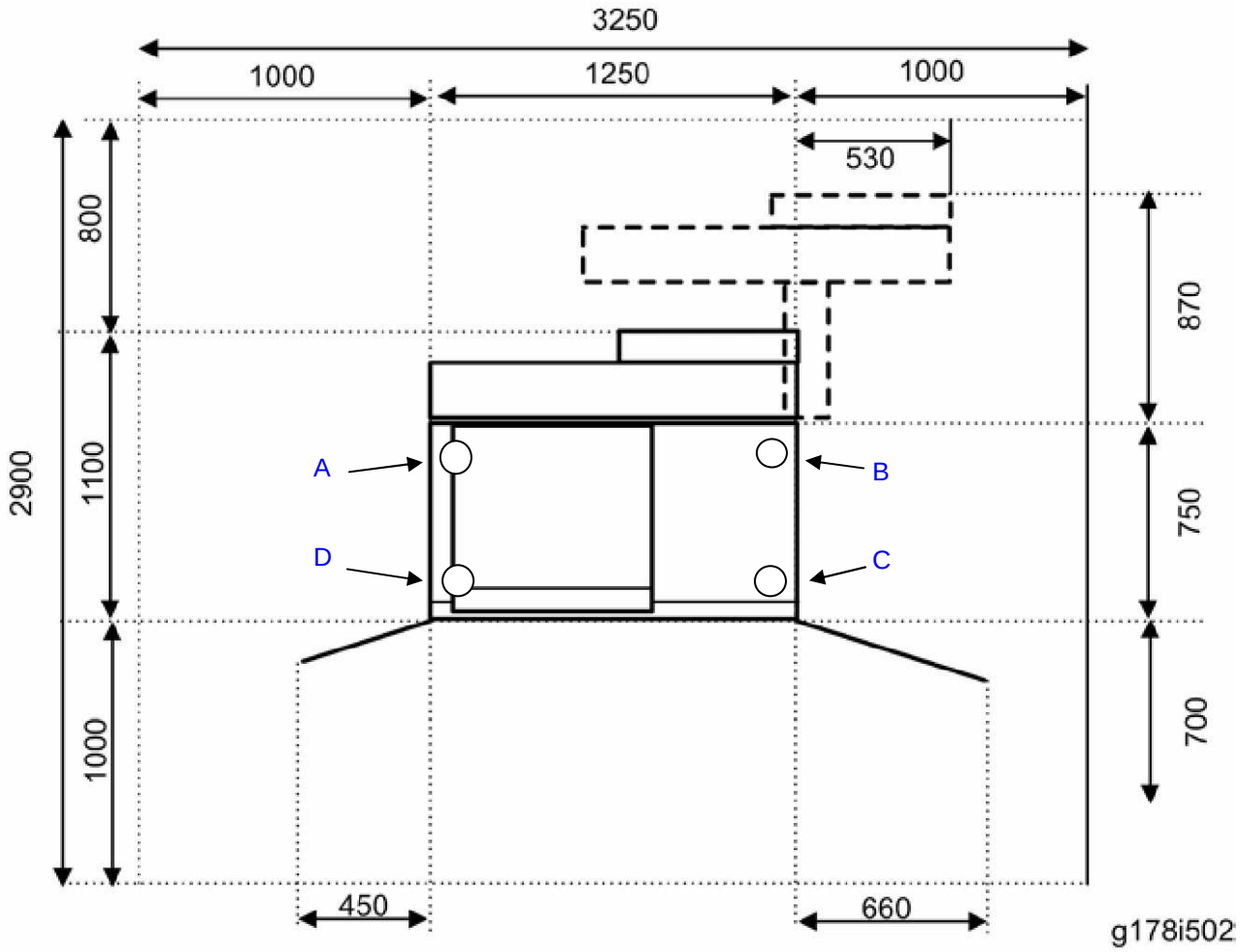
Unit	Power Specifications	Requirements	Power Supply Plug Type	Length of Power Cord (Feet)
Z Folder	120v, 50/60Hz; 15A	120v / 15A	NEMA 5-15	7’
Ring Binder	100v-240v, 50/60Hz; 15A	120v / 15A	NEMA 5-15	8’
Stacker	120v, 50/60Hz; 15A	120v / 15A	NEMA 5-15	6’
Perfect Binder	170v – 264v, 50/60Hz; 15A	208v-240v / 15A	NEMA 6-15	15’
Buffer Pass Unit	120v, 50/60Hz; 15A	120v / 15A	NEMA 5-15	6”
Booklet Finisher	120v, 50/60Hz; 15A	120v / 15A	NEMA 5-15	7’
Trimmer	120v, 50/60Hz; 15A	120v / 15A	NEMA 5-15	7’

		Mainframe	Z folding Unit ZF4000	Trimmer TR5020	High Capacity Stacke SK5010
NA	EDP	404350, 404353	412805	404180	404215
	Power Source	208V-240V, 50/60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz
	Plug				
	Plug type	NEMA6-30P	NEMA5-15P	NEMA5-15P	NEMA5-15P
	Cable Connection	Fixed	Replacable	Replacable	Replacable

		Booklet Finisher SR5020	Ring Binder RB5000	Perfect Binder GB5000
NA	EDP	404174	404112	404099
	Power Consumption	120V, 60Hz	120V, 60Hz	200-240V, 50/60Hz
	Plug			
	Plug type	NEMA5-15P	NEMA5-15P	NEMA 6-15P
	Cable Connection	Replacable	Replacable	Fixed

Floor Space

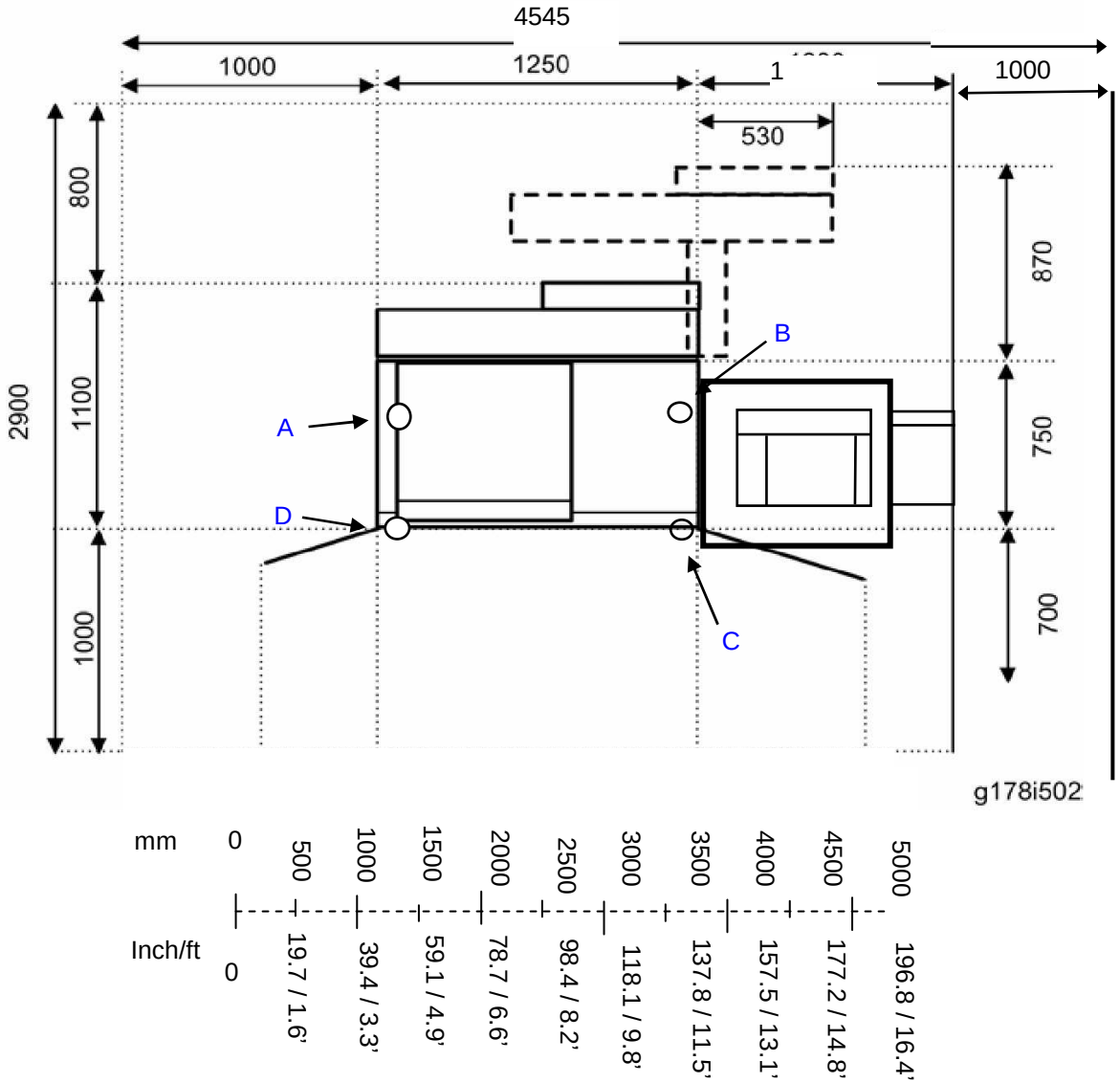
M077



Notes	
Rear Distance	Minimum 800mm (31.5”) – Preferred 914mm (36”) or more
Weight Distribution (When leveling feet are lowered)	
Location	Weight
A	202kg (445lb)
B	202kg (445lb)
C	123kg (271lb)
D	123kg (271lb)
*The floor and floor surface should support the listed weights.	
*Use of the leveling bolts is recommended for all installations, even when the machine is level. This prevents the unit from being moved after installation.	

Product Support Guide
D095 / M077

D095



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D095 / M077

Foot Print

Notes: D095 includes Main Frame print engine and RT5050/ARDF assembly.
RT5030 cannot be added to the D095 configuration.
Only one additional RT5050 can be added to the D095 configuration.

Section A			Section B				Section C									Section D		
2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21
GBC	Z Folder	Cover Interposer	Plockmatic Stacker	Plockmatic BF5010	Plockmatic TR5010	Plockmatic BK5010	SR5000 Finisher	Stacker SK5010	Stacker SK5010	Ring Binder	Trimmer TR5020	Saddle Stitch SR5020	Perfect Binder	Main Frame C901S (D095)	Main Frame C901 (M077)	RT5030	RT5050	RT5050
308mm (12.1”)	177mm (7.0”)	540mm (21.3”)	1,025mm (40.4”)”	360mm (14.2”)	360mm (14.2”)	795mm (31.3”)	800mm (31.5”)							2215mm (87.2”)	1,250mm (49.2”)	540mm (21.3”)*		
							800mm (31.5”)						1,090mm (42.9”)	2215mm (87.2”)	1,250mm (49.2”)		965mm (38.0”)	
							800mm (31.5”)				1,115mm (43.9”)	990mm (40.0”)		2215mm (87.2”)	1,250mm (49.2”)		965mm (38.0”)	965mm (38.0”)*
							800mm (31.5”)			870mm (34.3”)				2215mm (87.2”)	1,250mm (49.2”)			
							800mm (31.5”)		900mm (35.4”)					2215mm (87.2”)	1,250mm (49.2”)			
							800mm (31.5”)	900mm (35.4”)	900mm (35.4”)					2215mm (87.2”)	1,250mm (49.2”)			
								900mm (35.4”)	900mm (35.4”)					2215mm (87.2”)	1,250mm (49.2”)			

- The Depth and Height are fixed to the mainframe dimensions.
- The total length of the installation can be calculated by using the above chart.

Instruction on how to determine total length:

1. Section A / B: Determine which options are to be installed. Add the values indicated under the option and enter this value _____ (Length A/B)
2. Section C: Determine which options are to be installed. Enter the value from column 9 here…….. _____ (Length C)
3. Section D: Determine which options are to be installed. Enter the value from column 21 here…….. _____ (Length D)
4. If Buffer Pass Unit is installed - add 330mm (11.8”) to the length…….. _____(Buffer)
5. Total length……..._____(Total)

Dimensions (W x D x H): _____mm x 1,100 mm x 1,440 mm (____” x 43.3” x 56.7”) {W = length]

Total space required = Dimensions plus additional space requirements from “Space” section.

Power Consumption / Noise Emission

Power Consumption

Mode	Power consumption	BTU
Printing	Less than 5,500W	18,767
Standby	Less than 3,200W	10,919

Noise Emission

Mode	Main Unit
Stand By	68 dB(A) or less
Printing	76 dB(A) or less

NOTE: The above measurements were made in accordance with ISO 7779. The measurements were taken from the normal position of the operator.

Installation Times

Unit	Installation Time (Minutes)	Unit	Installation Time (Minutes)
Main Frame	30	Saddle Stitcher	15
Finisher	15	Perfect Binder	50
Punch Unit	10	Ring Binder	15
Cover Interposer	15	GBC	15
By Pass Tray	15	Stacker Unit	15
Z Folding Unit	15	Plockmatic	45
A4/LT LCIT	15	LCIT Bridge Unit	15
A3/DLT LCIT	15		

Storage/Transportation

	Storage	Transportation
Mainframe	Temperature -30 ~ +50°C Humidity Less than 85% RH Stack Max. 2 cartons	Temperature -30 ~ +50°C Humidity 15% RH ~ 95% RH Stack Max. 2 cartons
Toner (***)	-30 ~ +45°C 15 - 85% RH	Under 30-45°C 15-95% RH
Developer (***)	-30 ~ +45°C 15-80% RH	Under 30-45°C 15-95% RH

- Do not exceed a month under conditions where the temperature is between 35° C and 45° C.
- Do not exceed 12 hours under conditions where the temperature is 40° C and 45℃.

Sales Unit / Service Unit Responsibilities (before delivery)

1. Inform the customer of required power requirements (including accessories that require an independent power source).
2. Inform the customer of power source placement, including placement of power sources for accessories.
3. Remove the main unit from pallet if customer cannot provide a forklift. The Pro C901 / Pro C901s require a forklift to remove the unit from the shipping pallet.
4. Inform the customer of weight and size of main unit and accessories.
5. If the customer does not have doorways wider than 1100mm (43.3”), a technician is required to remove the rear unit of the main frame, reducing the unit depth to 750mm (29.5”). This will allow the unit to fit through most doorways.

Customer Responsibilities

1. Provide and stabile, level surface that can support the main unit and accessories.
2. Insure adequate space is available to allow main unit and accessories to be delivered and moved to installation area
3. Provide proper power sources for main unit and accessories.
4. Insure proper position of power source as to allow all units to plug directly into power source.
5. Insure the installation area meets environmental specifications.
6. Provide a network connections:
    a. Minimum of 1 network connection is need for the Fiery connection.
    b. A second network connection is needed if @Remote is utilized.
7. If TCRU (Trained Customer Replaceable Units) are utilized:
    a. The customer shall provide space to store TCRUs
        i. This storage space should meet the environmental specifications outlined in the Installation Requirements of the main unit.
        ii. The operator and/or the technician should have access to TCRUs during main unit operation hours.
        iii. If spare parts are to be kept on site to rebuild TCRUs, the parts should be store relative to the TCRUs.
        iv. If TCRUs are to be rebuilt at the customer location, the customer should provide a location with a flat surface away from the main unit to allow the technician to perform the rebuild of the TCRUs so as to not interfere with the operation of the main unit.

Forklift

When removing the Pro C901 / Pro C901s from the shipping pallet, refer to the fork positioning labels below. (Same as Pro C900 pictured)

Parts / Special Tools / Maintenance
PM Parts / Yields

Mainframe / Accessories

Unique/Common
U: Unique for this model
C: Common with listed model

D095 / M077

Parts Number	Description	Q'ty	PM Interval	Unique or Common
		PCDU		
G1782455	Charge Corona Units	4	400K	C (C900)
M0779680	Developer Y	1	1200K	U
M0779670	Developer M	1	1200K	U
M0779660	Developer C	1	1200K	U
M0779640	Developer K	1	1200K	U
D0169510	OPC Drum Y,M,C,K	4	2400K	C (C900)
GD042009	Drum Cleaning Brush Roller	4	400K	C (C900)
M0773659	Drum Cleaning Blade	4	400K	U
GD042011	Drum Lubricant Brush Roller	4	400K	U
G1783708	Drum Lubricant Blade	4	400K	C (C900)
G1783731	Drum Lubricant Bar	4	400K	C (C900)
G1783699	Drum Cleaning Gear Kit	4	1600K	C (C900)
		ITB Unit		
G1786302	Image Transfer Rollers	4	1200K	C (C900)
M0776255	ITB (Image Transfer Belt)	1	1600K	U
G1786505	Transfer Roller: No 2 Opposed	1	1200K	C (C900)
GD042007	ITB Cleaning Brush Roller	1	800K	C (C900)
GD041027	ITB Cleaning Blade	1	400K	C (C900)
GD042008	ITB Lubricant Brush Roller	1	400K	C (C900)
G1786690	ITB Lubricant Bar	1	400K	C (C900)
GD041029	ITB Lubricant Blade	1	400K	U
		PTR Unit		
M0776755	Paper Transfer Roller	1	400K	U
G1786757	PTR Cleaning Brush Roller	1	800K	C (C900)
G1786887	PTR Lubricant Brush Roller	1	400K	C (C900)
G1786759	PTR Cleaning Blade	1	400K	C (C900)
G1786767	PTR Lubricant Bar	1	400K	C (C900)
G1786718	Separation Unit / Discharge plate	1	400K	C (C900)

Product Support Guide
D095 / M077

Parts Number	Description	Q'ty	PM Interval	Unique or Common
Fusing Unit				
M0774105	Hot Roller	1	800K	U
M0774101	Fusing Belt	1	400K	U
M0774150	Pressure Roller	1	800K	U
AA080373	Plain Shaft Bearing: Belt Tension	2	800K	U
G1784499	Thermistor: Fuser Unit	3	16000K	C (C900)
AE045061	Cleaning Web Ass'y	1	400K	U
Paper Feed (Main Frame)				
AF030080	Pick Up Roller	2	1000K	C (C900)
AF031080	Paper Feed Roller	2	1000K	C (C900)
AF032080	Separation Roller	2	1000K	C (C900)
Others				
G1787290	Ozone filter 800M	1	1200K	C (C900)
G1787306	Ozone filter 1000M	1	1200K	C (C900)
M0777272	Ozone Filter 3	1	1200K	U
G1787258	Dust Filter	4	400K	C (C900)
LCT (D452)				
AF030080	Pick Up Roller	3	1000K	C (C900)
AF031080	Paper Feed Roller	3	1000K	C (C900)
AF032080	Separation Roller	3	1000K	C (C900)
LCT (13"x19") (D532)				
AF030071	Pick Up Roller	2	300K	C (C900)
AF031041	Paper Feed Roller	2	300k	C (C900)
AF032041	Separation Roller	2	300k	C (C900)
CRU Items				
G1786973	Waste Toner Bottle	1	220K	C (C900)
By-pass Tray				
AF030080	Pick Up Roller	1	1000K	C (C900)
AF031081	Paper Feed Roller	1	1000K	C (C900)

Note 1 Conditions

- A4/LT size non-coated paper
- 5% coverage
- 50 pages per job
- The yield will likely decrease when printing on coated paper

Subject to change without notice

D095 Only

Parts Number	Description	Q'ty	PM Interval	Unique or Common
		ADF		
B3011442	Transport Belt	1	140K	C (C900S)
D5412241	Reverse Roller Paper Feed	1	120K	C (C900S)
B4772225	Pick Up Roller	1	120K	C (C900S)
A8061295	Paper Feed Belt	1	120K	C (C900S)
		Scanner		
B0701790	Exposure Glass: Assembly	1	1000K	C (C900S)

Special Tools & Lubricants

Item	Part Number	Description	Q'ty	Unique or Common
1	52039502	Silicone Grease 501	1	C
2	A2579300	Grease Barrierta – S5525	1	C
3	B1329700	Drum setting powder pad applicator	1	C
4	G0049668	Grease – KS660 – SHIN-ETSU	1	C
5	54479078	Heat Resisting Grease MT-78	1	C
6	54429103	Launa Oil 40	1	C
7	A0299387	Digital Multimeter – FLUKE87	1	C
8	B6455010	SD Card – 64MB	1	C
9	52039502	Silicone Grease 501	1	C
10	A2579300	Grease Barrierta – S5525	1	C
11	---	Ricoh System Information Tool (Support Tool Version 2) - Basic version - Mail version - Rlogtool (for use with GW controller)	1	C (General)
12	C4019503	Loop [20x Magification Scope]	1	C (General)

Subject to change without notice

On Site Support Recommendations

Description	Installed by:	Order Number / Part Number
Additional Toner (CYMK)	Customer	Reference the Supplies Table (page 4)
Waste Toner Bottle (Toner should be disposed of as required by local or State law)	Customer	G1786973 (Service Part)
Fuser Unit	Service / TCRU	404364 (TCRU Item)
All 400k PM kits	Used to rebuilt TCRU Units	
• PCDU (1 Set)	Used to rebuilt TCRU Units	PMM077PCUK
• ITB / PTR / Other (Balance of 400K PM parts	Used to rebuilt TCRU Units	PMM077400K
800k PM kit	Used to rebuilt TCRU Units	PMM077800K

PM Kits

D095 / M077

Kit Name	Item	Description	Qty	PM cycle
PMM077PCUK				
	G1782455	Charge Corona Units	1	400K
	M0773659	Drum Cleaning Blade	1	400K
	GD042011	Drum Lubricant Brush Roller	1	400K
	G1783708	Drum Lubricant Blade	1	400K
	G1783731	Drum Lubricant Bar	1	400K
PMM077400K				
	GD041027	ITB Cleaning Blade	1	400K
	GD042008	ITBLubricant Brush Roller	1	400K
	G1786690	ITB Lubricant Bar	1	400K
	GD041029	ITB Lubricant Blade	1	400K
	M0776755	Paper Transfer Roller	1	400K
	G1786887	PTR Lubricant Brush Roller	1	400K
	G1786759	PTR Cleaning Blade	1	400K
	G1786767	PTR Lubricant Bar	1	400K
	G1786718	Discharge Plate	1	400K
	M0774101	Fusing Belt	1	400K
	AE045061	Cleaning Web: Ass'y	1	400K
	G1787258	Dust Filter	4	400K

Kit Name	Item	Description	Qty	PM cycle
PMM077800K				
	GD042009	Drum Cleaning Brush Roller	4	800K
	GD042007	ITB Cleaning Brush Roller	1	800K
	AA080373	Plain Shaft Bearing: Belt Tension	2	800K
	M0774105	Hot Roller	1	800K
	M0774150	Pressure Roller	1	800K
	G1786757	PTR Cleaning Brush Roller	1	800K

Target Reliability

Item	Prints
Average Document Volume	130K/month
Max. Monthly Volume	350K/month
PM Interval	400K Prints
Duty	580K Prints

- @ 80% Color Ratio
- 50 pages / job

Subject to change without notice

Specifications / Documentation

Mainframe

GW Controller

Hardware Specification (Common to Printer and Copier version)

Items			Specification	Remarks
Configuration			Console	
Copy Process			4-drum dry electrostatic transfer system with internal transfer belt	
Fusing			Oil-less Belt-fusing Method	
Toner Type			New PxP toner (Polymerized oil-less full color toner)	
Engine Speed	FC		90 ppm	A4/LT(LEF)
	BK		90 ppm	
Warm-up Time			Less than 420 sec.	23C°, rated voltage
Limitless Paper Supply			Supported	
Paper Size			Please refer to “Paper size matrix”.	
Maximum Printable Area			320 mm x 480 mm / 12.6” x 18.9”	
Paper Weight	1st tray		60.0 – 220.0g/m2	
	2nd tray		60.0 – 220.0g/m2	
	A4/ LT LCT	3rd tray	60.0 – 216.0g/m2	
		4th tray	60.0 – 216.0g/m2	
		5th tray	60.0 – 163.0g/m2	
	A3/ DLT LCT	3rd tray	60.0 – 300.0g/m2	
		4th tray	60.0 – 300.0g/m2	
	Bypass Tray		60.0 – 216.0g/m2	
	Simplex		60.0 – 300.0g/m2	
	Duplex		60.0 – 300.0g/m2	
Paper Weight Setting	Paper Weight 1		60.0 – 63.0g/m2	
	Paper Weight 2		63.1 – 80.0g/m2	
	Paper Weight 3		80.1 – 105.0g/m2	
	Paper Weight 4		105.1 – 163.0g/m2	
	Paper Weight 5		163.1 – 220.0g/m2	
	Paper Weight 6		220.1 – 256.0g/m2	
	Paper Weight 7		256.0 – 300.0g/m2	
Power Specification	NA ver.		208V-240V, 24A, 50/60Hz	
	EU ver.		220/230/240V,25A,50/60Hz	
Max. Power Consumption			Printing: 5,500W Stand-by: 3,200W	Not including DFE and option peripherals with own power supply

Subject to change without notice

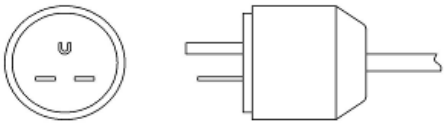
Other Specification

			Printer version	Copier version	Remarks
Dimension (W x D x H) (*1)			1,280 x 990 x 1,640 mm	2,555 x 990 x 1,640 mm	With Air Separator: D=1,100mm
Weight (*1)			Less than 630 kg	Less than 860 kg	With Air Separator: P1.5=650kg C1.5=880kg
ARDF				Std	
Paper Capacity (*2)	Std	Mainframe	1st tray: 1,000 sheets x2 (Tandem) 2nd tray: 500 sheets		
		A3/DLT LCT		3rd tray: 2,000 sheets 4th tray: 2,000 sheets	
	Op.	A4/LT LCT	3rd tray: 1,000 sheets 4th tray: 1,000 sheets 5th tray: 2,550 sheets		
		A3/DLT LCT	3rd tray: 2,000 sheets 4th tray: 2,000 sheets	5th tray: 2,000 sheets 6th tray: 2,000 sheets	
		Second A3/DLT LCT	5th tray: 2,000 sheets 6th tray: 2,000 sheets		P version is available for tandem connection.
	Multi Bypass Tray (Option)		500 sheets		
	Max (System)		11,000 sheets		

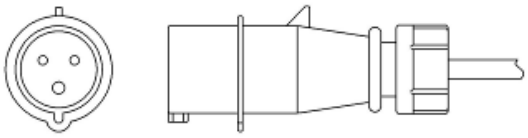
[Remarks]
(*1) Not including DFE.
(*2) Paper weight is 80g/m2.

Plug of NA model and EU model

NA model: Single Phase



EU model: Single Phase



Subject to change without notice

GW Controller

		Specification	Note
CPU		Intel Pentium M 1.4GHz	
Memory	P1.5	1.5GB	1GB + 512MB
	C1.5	2.5GB	2GB + 512MB
HDD		640 GB	
Interface		100/10Base-TX x 2	
		SD Slot x 2	GW application installation Service use
		USB2.0	External appliance
		Counter Interface Slot	Counter Interface
Network Protocol	Network	TCP/IP (Ipv4, Ipv6)	
	Scanning e-mail	SMTP, POPS	
	Scan to Folder	SMB, FTP, NCP	

COPIER FEATURE (Pro C901S only)

Items			Specifications	Remarks
Original Type			Book/Sheet/Object	
Original size			Max: A3 / 11" x 17" Min: A5, 5 1/2" x 8 1/2"	
Copy/Print size			A3-A5, Up to 330mm x 458mm 11" x 17"-5 1/2 x 8 1/2, 13" x 18"	
First Copy Output Time		FC	Less than 13.5 sec	**A4/LT(LEF)** 1st input tray or Std LCT upper tray Face-up
		Bk	Less than 13.5 sec	
Multi copy speed	Memory retention	FC	90 cpm	A4/LT(LEF)
		Bk	90 cpm	
	ADF 1 to 1	FC	60 cpm	A4/LT(LEF)
		Bk	80 cpm	
Multi copy			Up to 9,999	
Resolution		Copy	1,200dpi 2bit	
		Print	1,200dpi 2bit	
		Scan copy	600dpi 8bit	
		Scan send	600dpi 1bit/8bit	
Magnification		NA ver.	7 Reductions & 5 Enlargement 93%, 85%, 78%, 73%, 65%, 50%, 25% 121%, 129%, 155%, 200%, 400%	
		EU ver.	7 Reductions & 5 Enlargement 93%, 82%, 75%, 71%, 65%, 50%, 25% 115%, 122%, 141%, 200%, 400%	
Auto Magnification Select (AMS)			Supported	
Zoom			25-400%	1% step
Size Magnification			Supported	
Directional Magnification			Supported	1 % step
Directional Size Magnification			Supported	1 mm/0.1 inch step
Full Image Copy			Supported	93% & Centering
Interrupt Copy			Standard	
Image Density			Auto Image Density	

		Manual Selection	9 Levels
Color Model		Auto Color Selection	
		Full Color	
		Black & White	
		Single Color	Default: 12 colors & Black User Color: 15 colors
		Twin-Color	Black & Other color Red & Black
Original Type Setting		Text	
		Text/Photo	
		Photo	
		Map	
		Pale	
		Generation	
		Inkjet	
		Highlight Pen	
Paper selection		Auto Paper Selection	
		1st Tray	
		2nd Tray	
		3rd Tray	LCT option is required (P1.5)
		4th Tray	LCT option is required (P1.5)
		5th Tray	LCT option is required (P1.5/C1.5)
		6th Tray	LCT option is required (P1.5/C1.5)
		7th Tray (Bypass tray)	LCT & Bypass are required (P1.5/C1.5)
Displays for kinds of paper		Plain Paper*, Recycle Paper Special Paper, Color Paper1 Color Paper2, Color (9 kinds; Yellow, Green, Blue, Purple, Ivory, Orange, Pink, Red, Gray), Envelope, Coat1, Coat2, Coat3, Preprinted paper, Letter Head, Backed Copied, Labels, Pre-punched Paper Special Paper1, Special Paper2, Special Paper3, Special Paper4, Special Paper5, Special Paper6, Bond, Tab stock	*Not displayed as paper type
Paper Library		Yes	
Duplex		1 side to 2 side	
		2 side to 2 side	
		Book to 2 side	
		Front & Back to 2 side	
Book / Series Combine	Book	Booklet Magazine	
	Series	Book to Simplex Book to Duplex Front & Back to 2 sided	
	Combine	Combine 2,4,8 into 1 simplex sheet Combine 4,8,16 into 1 duplex sheet	
Margin Adjustment		Supported	1mm/0.1 inch
Erase 3 edge	Inside	Supported	

	Outside Center/Border		
Cover / Slip sheet	Front	Copy or Blank	Copy: Duplex or Simplex
	Front & Back	Copy or Blank	Copy: Duplex or Simplex
	Slip	Copy or Blank	
Chaptering		Supported	Up to 100 positions
Paper Designate		Supported (can select from 3 trays)	Up to 100 positions
Image Rotation		Supported	
Electronic Sort		Supported	With finisher
Stapling		Supported, 4 positions	With finisher
Punch		USA: 2/3 switchable hole punch EU: 2/4 switchable hole punch Scandinavian: 4 holes punch	With Finisher
Stamp	Background Numbering	Not Available	
	Page Numbering	6 stamps	
	Date Stamp	5 stamps	
	User Stamp	5 stamps	
	Preset Stamp	8 stamps	
	Stamp Text	Supported	
Image Adjustment	Color Adjustment	Color Balance Adjustment	
		Color Balance Program	
		Color Registration	
	Image Adjustment	Sharp / Soft	
		Contrast	
		Background Density Adjustment	
		Under Color Removal	
		Auto Color Selection Sensitivity Adjustment	
		Text-Photo Separation Sensitivity Adjustment	
		Color Erase Sensitivity Adjustment	
		Auto Color Calibration (ACC)	
User Code		8 digits / 500 user code	
Interrupt Copy		Supported	
Copy Counter	NA Model	Electrical and Mechanical counter x2	
	EU Model	Electrical and Mechanical counter x1	
Counterfeit Prevention		Bill Recognition & Invisible Marking Function	

GW SCANNER FEATURE (Pro C901S only)
GENERAL SPECIFICATIONS

		Specification
Original type		Book / Sheet / Object
Resolution		100 / 150 / 200 / 300 / 400 / 600 (Default) dpi 100-1,200 dpi (Twain: BW) 100-1,200 dpi (Twain: Color)
Scan Speed (A4, 200dpi)		BW: 75 spm FC: 75 spm *Scan speed (A4 LEF, 200dpi)
Max Scan Area		297 x 432 mm / 11.7”x17”
Original Size	Standard	A3 SEF, A4 SEF, A4 LEF, A5 SEF, A5 LEF, B4 SEF, B5 SEF, B5 LEF 11”x17” SEF, 8 1/2”x14” SEF, 8 1/2”x13” SEF, 8 1/2x11” SEF, 8 1/2”x11” LEF, 5 1/2”x8 1/2” SEF, 5 1/2x8 1/2” LEF
	Customized	Minimum: 140 x 140 mm Maximum: 297 x 432 mm
File Format		TIFF (Multi/Single), JPEG, PDF (Multi/Single), High compression PDF (Multi/Single)
Scan Mode	Default	BW Text/Line Art
	Support	BW_Text, BW_Text-Photo, BW_Photo, Grayscale, FC_Text-Photo, FC_Photo, Auto Color Selection
Image Density	Auto Density Selection	Supported
	Manual Setting	7 Levels
Thin paper mode		Supported
SADF / Batch Mode		Supported
Mixed Size Mode		Supported

Subject to change without notice

SCAN TO E-MAIL

		Specification
Requirement		SMTP Gateway and TCP/IP
Authentication		SMTP POP before SMTP *S/MINE*
Resolution		Default: 200 dpi 100 / 150 / 200 / 300 / 400 / 600 dpi
Register E-mail Address in HDD		Max. 2,000 addresses
Register Group Address in HDD		Max. 500 Addresses **Max. 100 Addresses in One Group Addresses**
Maintain E-mail Address in HDD		Direct input on operation panel, Web image Monitor, Smart Device Monitor
Search E-mail Address in HDD		By name & E-mail address
LDAP		Yes
Max Address Number per Send		Max. 500 addresses
Address Number per send	via Address Book	Max. 500 addresses
	Direct Input	Max. 100 addresses
	via LDAP	Max. 100 addresses
Attention		To, cc, bcc
Subject	Manual Input	Max. 128 characters
Body Message	Manual Input	Max. 80 characters
	Pre-register by user	5 body message. 80 characters x 5 lines per a body message. Title name of the body message: Max. 20 characters per a name.
	Preset	Message: “This e-mail included attached file sent from xxxx (machine model name).”
E-mail Size Restriction	With restriction	128-102,400KB, Default = 2,048KB
	W/O restriction	975MB
File Type		Single Page TIFF, Single Page JPEG, Single Page PDF, Multi Page TIFF, Multi Page PDF, Single Page High-compression PDF, Multi Page High-compression PDF
Program User Setting		Yes (Up to 25 programs)
Divided & Send E-mail		Yes (By page or size) / No, Default = Yes (By size)
Resend		Yes / No, Default = Yes

Subject to change without notice

SCAN TO FOLDER

	Specification
Protocol Support	SMB, FTP, NCP
Security	Client folder log-in (log-in name and password) Encryption of log-in name and password during transmission
Resolution	Default: 200dpi 100, 150, 200, 300, 400, 600dpi
Max. Resisted Client Folder Address in HDD	Max. 2,000 folders
Maintain Client Folder Address in HDD	Via Operation Panel, Web Image Monitor
Max. Client Folders per send	Max. 50 client folders
Group Address	Max. 100 destinations (To Folder: 50, To e-mail: 100) *1
Input Subject	No
Scan file size	1 document Up to 2000MB
File size when combined Scan to Folder & Scan to E-mail	128-102,400KB, Default = 2,048KB (With restriction) 725MB (W/O restriction) (Conforming to the scan to e-mail specification)
File Type	Single Page TIFF/JPEG, Single Page PDF, Multi Page TIFF, Multi Page PDF, Single Page High-compression PDF, Multi Page High-compression PDF
Program Registration	Yes (Up to 25 programs)
Dividing file in Scan to E-mail	Yes (By page or size) / No, Default = Yes (By size) (When Scan to PC combine with Scan to e-mail)
Resend	Yes / No, Default = Yes

*1. User can send to Max 100 destinations in the same group. But the number of folders has to be less than 50, since Max. folder destinations are 50. If there are more than 50 folder destinations registered in Group address, a message pops up.
100 destinations 50 folders included >>>OK
100 destinations 51 folders included >>>NG

Max. Number of address per sending (Combination between E-mail and Folder)

	Input via	Condition 1 Max. address can Select or input	Condition 2 Max. address allow in single operation	Condition 3 Combination of Address: Max.
Scan to E-mail	Address book	500	500	550
	Manual input	100	500	550
Scan to Folder	Address book	50	50	550
	Manual input	50	50	550

The number of destination which user can put has to satisfy all of above 3 conditions

NETWORK TWAIN DRIVER

	Specification
Correspondence OS	Windows 2000/XP/Vista/7, Windows Server 2003, Server 2008
Resolution	100-1200dpi
Scan Mode	Standard, Photo, OCR, Filing
Image Adjustment	Brightness, Contrast, Threshold, Gamma Adjustment, Halftone Pattern
Stamp	Date, Page Number, Text
Endorse	Supported

Subject to change without notice

DOCUMENT SERVER SPECIFICATION (Pro C901S only)

	Data Format
Copy*	Ricoh Unique Format
Print*	Ricoh Unique Format
Scan	TIFF, JPEG, PDF

*Pro C901S does not support File Format Converter.

	Document Server Capacity
HDD Capacity for Document Server	410GB
Maximum Stored Documents	3,000 Documents
Maximum Page per Document	2,000 pages (Copy) 5,000 pages (Print) 2,000 pages (Scanner)
Maximum Page of all stored Document	12,000 pages

Remarks:
Document Server capacity depends on the image coverage of each document. The actual capacity may vary in each case.

Subject to change without notice

PERIPHERALS SPECIFICATION

The specifications described below are for the peripherals themselves. Specifications for Pro C901 Series mainframe are put higher priority than the peripherals when they are used together as a system.

ADF SPECIFICATION (STANDARD on Pro C901S)

Item	Specification	Remarks
Dimensions (W x D x H)	680 x 560 x 150mm	
Weight	Less than 17.5 Kg	
Power Source	From mainframe	
Noise (Power level)	Less than 75dB	
Stack capacity	100 sheets or less than 12mm	80g/m2, 20lbs Bond
Original size	- Simplex B6-A3 (SEF), 5 1/2" x 8 1/2" – 11" x 17" (SEF) - Duplex A5-A3 (SEF) 5 1/2" x 8 1/2" – 11" x 17" (SEF)	
Original Weight	- Simplex 40-128 g/m2 11-34 lb Bond - Duplex 52-105 g/m2 14-28 lb Bond	
Original set position	Left-rear corner	
Original Feed	ADF, SADF mode	
Original Set	Face Up, First sheet on top	
Special Original Setting	Batch, Mixed Size	
Original Feeding Speed	B/W: 75 opm Color: 75 opm (200 dpi)	A4 LEF or LT LEF
Power Source	From Mainframe	

Remarks:
* When using the GW Scanner the Original Feeding Speed is 75 opm.

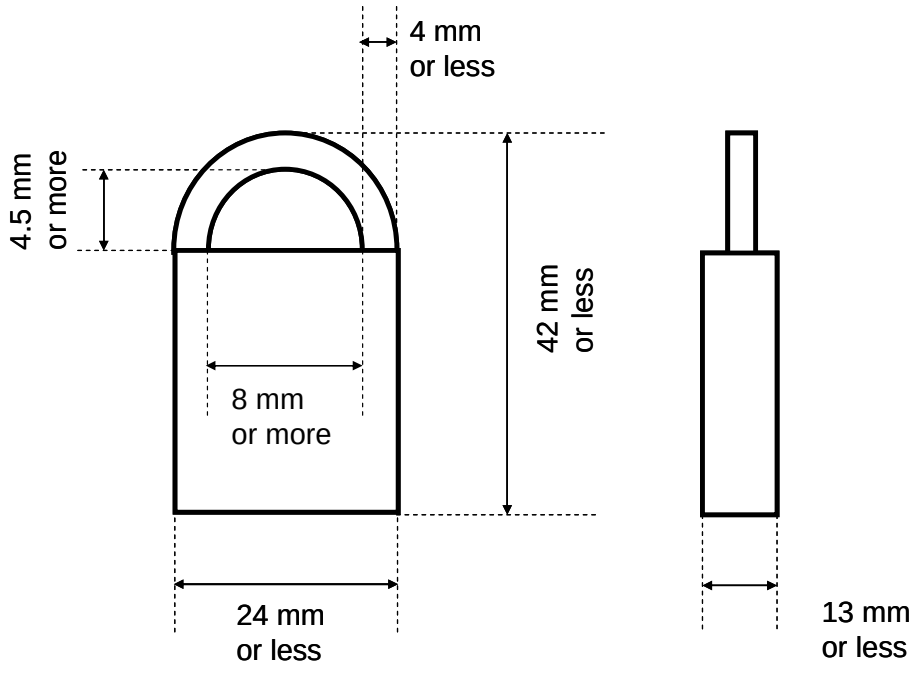
Subject to change without notice

A4/LT LARGE CAPACITY TRAY (P1.5 only)

Item	Specification
Dimensions (W x D x H)	540 x 730 x 980 mm
Weight	Less than 102 Kg
Power source	From mainframe
Noise (Power level)	Less than 73 dB
Paper size	A4_LEF, B5_LEF, A5_SEF LT_LEF, HLT_SEF <Custom Size Paper> Width: 210 to 305.0mm (8.27 to 12.00 inch) Length: 139.7 to 230.0mm (5.50 to 9.05 inch)
Paper weight	3th tray: 60-216 g/m2 16lb Bond - 80lb Cover 4th tray: 60-216 g/m2 16lb Bond - 80lb Cover 5th tray: 60 -163 g/m2 16lb Bond - 90lb Index
Paper capacity	3th tray: 1,000 sheets 4th tray: 1,000 sheets 5th tray: 2,550 sheets
Air Assist Paper Pickup	No
Tray Security Lock	Yes (all tray) *1

*1: Recommended Lock Type
The following lock is recommended. Please procure it locally.

- ABUS Lock: T84MB (20mm)
- See the following drawing for alternative.



Subject to change without notice

13”X19.2” LARGE CAPACITY TRAY

This is new and unique option for the Pro C900 series. For tandem connection, Bridge Unit is required.

	Specification	
Dimensions (W x D x H)	965 x 730 x 980 mm 1,017 x 730 x 980 mm (With extension tray)	
Weight	190kg	
Power source	From Mainframe	
Power consumption	Less than 150W	
Noise (Power level)	Printing: Less than 78dB (Full system) Stand-by: Less than 60db (Full System)	
Paper size	A5 (SEF)/HLT (SEF) – 13” x 19.2”	
Paper weight	60-300m2 16-79 lb. Bond / 110 lb. Cover / 165 lb. Index	
Paper capacity	2,000 sheets x 2 trays	80g/m2, 20lbs Bond

Bridge Unit

	Specification
Dimensions (W x D x H)	575 x 500 x 300 mm
Weight	Less than 15 Kg
Power source	From Mainframe
Paper size	A5 (SEF)/HLT (SEF) – 13” x 19.2”
Paper weight	60-300g/m2

MULTI BYPASS TRAY UNIT

Item	Specification	Notes
Paper Capacity	500 sheets (80g/m2, 20lb Bond)	
Paper Size	A5/HLT - 13” x 19.2” <Custom Size Paper> Width: 139.7 to 330.2mm Length: 182 to 487.7mm	
Paper Weight	52～216g/m2, 16lb Bond to 80lb Cover	
Power Source	From LCT (From Mainframe→LCT)	
Noise (Power level)	Less than 73dB	
Dimension (W x D x H)	710mm x 560mm x 210mm	
Weight	Less than 18Kg	

Subject to change without notice

3,000 SHEETS FINISHER WITH 100 SHEETS STAPLER (SR5000)
BASIC SPECIFICATIONS

Item		Specification
Dimensions (W x D x H)		800 x 730 x 980 mm
Weight		Less than 75 Kg (Finisher only)
Configuration		Console type
Power Source		From Mainframe
Output Jogger		Standard
Proof Tray	Stack capacity	500 sheets (A4, 8 1/2" x 11 or smaller) 250 sheets (B4, 8 1/2" x 14" or larger) *80g/m2, 20lb Bond
	Paper size	A5_SEF&LEF, B5_SEF&LEF, A4_SEF&LEF, B4_SEF, A3_SEF, HLT_SEF&LEF, LT_SEF&LEF, LG_SEF&LEF, 11"x17"_SEF, 12"x18"_SEF
	Paper weight	60 g/m2-216g/m2 16-57 lb. Bond / 80 lb. Cover / 120 lb. Index
Shift Tray	Stack capacity	3,000 sheets (A4 LEF, B5 LEF, LT LEF) 1,500 sheets (A3 SEF, A4 SEF, B4, B5 SEF, 11" x 17" SEF, LG SEF , LT SEF) 1,000 sheets (12" x 18", 13" x 19.2") 500 sheets (A5 LEF, HLT LEF) 100 sheet (A5 SEF, HLT SEF) 30 sheets (Z-folding paper)
	Paper size	A5_SEF&LEF, B5_SEF&LEF, A4_SEF&LEF, B4 SEF, A3_SEF, HLT_SEF&LEF, LT_SEF&LEF, LG_SEF&LEF, 11"x17"_SEF, 12"x18"_SEF, 13"x18"_SEF, 13"x19.2"_SEF
	Paper weight	60 g/m2-300g/m2 16-79 lb. Bond / 110 lb. Cover / 165 lb. Index

Remarks: The capacity to be calculated with 80 g/m2, 20 lb. Bond paper.

STAPLE SPECIFICATIONS

Item		Specification
Paper size		B5_SEF&LEF, A4_SEF&LEF, B4_SEF, A3_SEF LT_SEF&LEF, LG_SEF&LEF, 11" x 17"_SEF
Paper weight		<without Z-folding> 64.0-90.0g/ms for body page <with Z-folding> 64.0-80.0g/ms for body page <Note> 64.0-200.0g/ms is available for cover page, but up to 2 sheets.
Staple position		Top, Bottom, 2 Staples, Top-slant
Staples Capacity	A4, B5, 8 1/2" x 11"	2-100 sheets
	A3, B4 11"x17", 8 1/2"x14"	2-50 sheets
	Z-folding	10 sheets
Staple Replenishment		Cartridge exchange / 5,000 pins per cartridge

Remarks: The capacity to be calculated with 80 g/m2, 20 lb Bond paper.

PUNCH SPECIFICATIONS (OPTION)

	Specification	Remarks
Number of Punch	NA: 2 or 3 holes EU: 2 or 4 holes Scandinavian: 4 holes	Punch option is required.
Punch Replenishment	NA 2/3 holes: 10, 000 sheets EU: 2/4 holes: 15,000 sheets Scandinavian 4 holes: 15,000 sheets	
Max. Thickness	TBA	

STACK CAPACITY

	Paper size	# of Pages per set	# of Sets
Without Z-folding	A4, B5 8 1/2” x 11”	10-100	200-30
		2-9	150
	A3, B4 11” x 17”, 8 1/2” x 14”	10-50	150-30
		2-9	30
When mix-sized	A3 & A4, B4 & B5 11” x 17 & 11” x 8 1/2”	2-50	30

Subject to change without notice

BOOKLET FINISHER (SR5020)
BASIC SPECIFICATIONS

Item		Specification	
Dimensions (W x D x H)		990 x 730 x 1130mm *Not includes projections	
Weight		Less than 130kg	
Configuration		Console type	
Power Source		100-240V	
Power Consumption		Less than 250W	
Output Jogger		Standard	
Proof Tray	Stack capacity	250 sheets (A4, 8 1/2" x 11 or smaller) 50 sheets (B4, 8 1/2" x 14" or larger)	80g/m2, 20 lb. Bond
	Paper size	Max up to 330.2 x 487.7 mm (13" x 19.2")	
	Paper weight	<Without Z-folding> 60 g/m2-216g/m2 (16-40 lb. Bond, 50-80 lb. Cover, 90-110 lb. Index) <Z-folding> 64-105 g/m2, 17-28lb Bond	
Shift Tray	Stack capacity	2,500 sheets (A4 LEF, B5 LEF, 8 1/2" x 11 LEF) 1,500 sheets (A3 SEF, A4 SEF, B4, B5 SEF, 11" x 17" SEF, 8 1/2 " x 11" SEF, SRA4, 226 x 310mm) 1,000 sheets (12" x 18", SRA3, 13"x18", 12.6"x18.5", 12.6"x19.2", 13"x19", 13" x 19.2", 310x432mm) 500 sheets (A5 LEF, 5 1/2" x 8 1/2" LEF) 100 sheet (A5 SEF, 5 1/2" x 8 1/2" SEF) 30 sheets (Z-folding paper)	
	Paper size	<Without Z-folding> Max Up to 330.2 x 487.7 mm (13" x 19.2") <Z-folding> up to 12"x18"	
	Paper weight	<Without Z-folding> 60-300g/m2 <Z-folding> 64-105 g/m2, 17-28lb Bond	

Remarks: The capacity to be calculated with 80g/m2, 20lb Bond paper.

Subject to change without notice

STAPLE SPECIFICATIONS

Item		Specification
Paper size		B5-A3 8 1/2" x 11" – 11" x 17"
Paper weight		<Without Z-folding> 64-90g/m2 (17-24 lb. Bond) for body page <Z-folding> 64-80 g/m2 (17-20 lb Bond) for body page <Note> 64.0-200.0g/ms is available for cover page, but up to 2 sheets.
Staple position		Top, Bottom, 2 Staples, Top-slant
Staples Capacity*	A4, B5, 8 1/2" x 11"	2-100 sheets
	A3, B4 11"x17", 8 1/2"x14"	2-50 sheets
	Z-folding	10 sheets
Staple Replenishment		Cartridge exchange / 5,000 pins per cartridge

Remarks: The capacity to be calculated with 80g/m2, 20 lb Bond paper.

SADDLE STITCH SPECIFICATIONS

Item		Specification
Paper size		B5-SRA3 8 1/2"x11"-12" x 18"
Paper weight		64-90g/m2 (17-24 lb. Bond)
Staple position		Center 2 position
Staples Capacity*	64-80g/m2 (18-20lb Bond)	20 sheets
	80-90g/m2 (20-24lb Bond)	15 sheets
	Cover Sheet	One cover sheet (up to 163g/m2) can be included in the above stapling capacity.
Staple Replenishment		Cartridge exchange

PUNCH SPECIFICATIONS (OPTION)

	Specification	Remarks
Number of Punch	NA: 2 or 3 holes EU: 2 or 4 holes Scandinavian: 4 holes	Punch option is required.
Punch Registration	Yes (Resist Roller and Side Registration Sensor)	
Max. Thickness	TBA	
Punch Size	TBA	
Punch Replenishment	NA 2 holes: 15,000 sheets NA 3 holes: 10, 000 sheets EU 2holes: 25,000 sheets EU 4 holes: 15,000 sheets Scandinavian 4 holes: 15,000 sheets	

Subject to change without notice

STACK CAPACITY AFTER FINISHING

	Paper size	# of Pages per set	# of Sets
Without Z-folding	A4 LEF, B5 LEF 8 1/2" x 11" LEF	20-100	125-25
		10-19	200-105
		2-9	150
	A4 SEF, B5 SEF 8 1/2" x 11" SEF	10-100	150-15
		2-9	150
	A3, B4 11" x 17", 8 1/2" x 14"	10-50	150-30
		2-9	30
When mix-sized	A3 & A4, B4 & B5 11" x 17 & 11" x 8 1/2"	2-50	30
With Z-folding (One size or mix-sized)	One size A3 Z-folding & A4 B4 Z-folding & B5 11" x 17" Z-folding + 11" x 8 1/2"	1-10	30-3
When Saddle Stitch	All size	2-5	30
		6-10	15
		11-15	10
		16-20	5

BOOKLET TRIMMER

Item	Specification	Notes
Dimension (W x D x H)	1,115 x 890 x 555mm	
Weight	69kg	
Configuration	Console type / Optional unit for Booklet Finisher	Booklet Finisher is necessary
Power consumption	NA : 120V/ 60Hz, EU : 220 to 240V/50Hz Ave. 75W, Max. 250W	
Trimming Type	One side edge	
Trimming Capacity	2-40 sheets after folding	20lb, 80g/m2
Paper Weight	64.0-163.0g/ms	Depending on saddle stitch specification of SR5020 due to using together.
Paper Size	13 x 19.2", 13 x 19", 12.6 x 19.2", 12.6 x 18.5" 13 x 18", SRA3(320 x 450mm), 12 x 18", A3, B4 SRA4(320 x 225mm), 226 x 310mm, 310 x 432mm, A4, B5, DLT, LG, LT <Custom Size> Width: 182 to 330mm Length: 257 to 488mm	*sizes before folding
Stack Capacity	1 sheet: 60 sets*1 2 - 5 sheets: 60 sets 6 - 10 sheets: 35 - 40 sets*1 11 - 20 sheets: 20 - 25 sets*1	
Stacker Full Detection	Yes	
Limitless Stack	Yes*2	

*1: The stack capacity varies according to the size of the sheets.
*2: Note: Hardware modification by service engineer is necessary. Not applicable by end-user.

Subject to change without notice

COVER INTERPOSER

Item	Specification	Notes
Dimension (W x D x H)	540 x 730 x 1270 (mm)	
Weight	Less than 45kg	
Power Source	From mainframe	
Noise (Power level)	Less than 73dB	
Paper Size	A3-A5 11”x17” – 5 1/2”x 8 1/2” MAX.13” x 19.2”/ 330mm x 487.7 mm	
Paper weight	64-216 g/m2 17lb Bond -80 lb Cover	
Paper capacity	200 sheets x 2 trays	20lb, 80g/m2
Original set position	Center position	
Original Set	Face Up, First sheet on top	
Size change	From operation panel of mainframe	User changeable

Z-FOLDNG UNIT
This is common option with Katana-C1 and Aegis-C1/P1.

		Specification	Note
Dimensions (W x D x H)		177 x 620 x 960 mm	
Weight		Less than 55 kg	
Power Specification	NA ver.	120V, 1A, 60Hz	
	EU ver.	220-240V, 0.5A, 50/60Hz	
Power consumption		Less than 100 W	
Noise (Power level)		Less than 74dB	
Paper size		A4_SEF, B4_SEF, A3_SEF LT_SEF, LG_SEF, 11”x17”_SEF, 12”x18”_SEF	
Paper weight		64-80 g/m2 17-20lb.Bond	

DLT / A3 TRAY KIT

This option is put on the Tandem LCT in 1st tray of base-unit, and can feed DLT or A3 paper. This 1st tray can normally feed LT or A4 size paper only. So it’s useful for users that require DLT or A3 paper extremely.

Item	Specification
Dimensions (W x D x H)	495 x 530 x 175 mm
Weight	10 kg
Paper size	A3 SEF, B4 SEF, A4 11”x17” SEF, 8 1/2”x14 SEF, 8 1/2x11”
Paper capacity	1,000 sheets

TAB SHEET UNIT

Tab sheet unit is necessary to feed tab sheets from 2nd tray.

Item	Specification
Dimensions (W x D x H)	66 x 280 x 12 mm
Weight	50 g

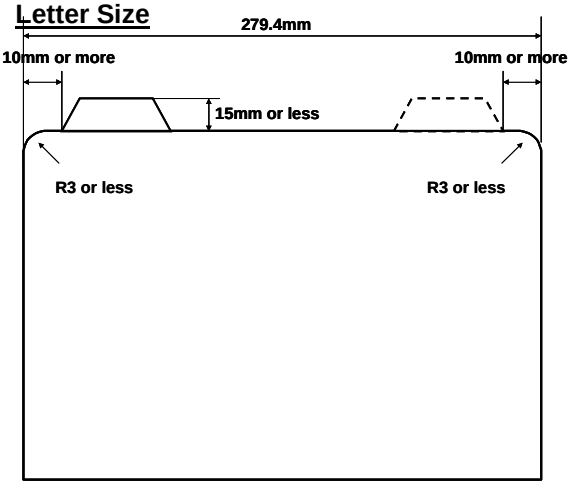
Subject to change without notice

RING BINDER

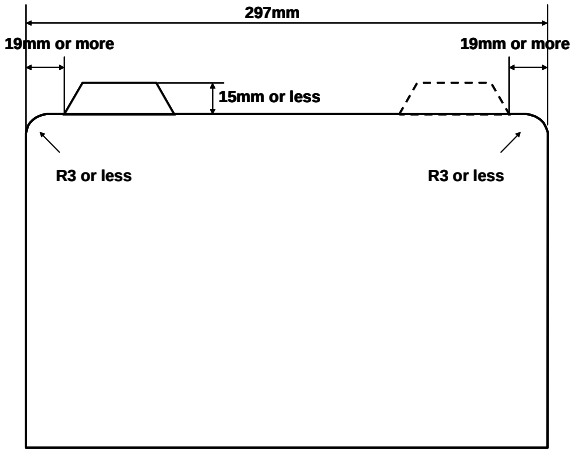
Item			Specification	
Dimensions (W x D x H)			862 x 727 x 981.5 mm	
Weight			Less than 140kg	
Power consumption			Less than 400W	
Power Supply			100-240V, 50/60Hz	
Paper size	Binding mode		A4_LEF, 8 1/2" x 11"_LEF	
	Punching mode		A4_LEF, 8 1/2" x 11"_LEF	
Paper weight	Binding mode		64-216 g/m2 17lb Bond -80 lb Cover	
	Punching mode		64-216 g/m2 17lb Bond -80 lb Cover	
Capacity of ring bind			2-100 sheets	
Number of holes	8 1/2" x 11"		21 holes	
	A4		23 holes	
Ring Supply	Type	NA	1) 8 1/2" x 11", Black, 50 sheets 2) 8 1/2" x 11", Black, 100 sheets 3) 8 1/2" x 11", White, 50 sheets 4) 8 1/2" x 11", White, 100 sheets	
		EU	1) A4, Black, 50 sheets 2) A4, Black, 100 sheets 3) A4, White, 50 sheets 4) A4, White, 100 sheets	
	Replenishment		Cartridge exchange	*75 sets/cartridge
TAB Stock			Supported*1	*See the below drawings
Stack capacity	Binding mode		11 sets	*100 sheets /set
	Punching mode		100 sheets (200 pages in DPX)	

*1: Please refer the following regarding supported TAB stock dimension.

Letter Size



A4 Size



PERFECT BINDER

Item		Specification	
Dimensions (W x D x H)		1,090 x 791 x 1,387 mm	
Weight		Less than 350kg	
Power consumption		Less than 623W	
Power Supply		200-240V(NA), 220-240V(EU), 50/60Hz	
Cutting directions		3 edges, 1 edges, None	
Booklet size		Width: 201-297 mm Length: 139.7-216 mm	
Booklet thickness		Less than 23 mm	
Body pages	Paper weight	64-163 g/m2	106-163g/m2: Up to 10sheets
	Paper size	Width: 257-320 mm Length: 182-228.6 mm	
	Paper Type	Plain paper, Recycled paper	
	Capacity	Max 200 sheets 64-80gsm: 10-200 sheets (20-400 pages in DPX) 81-105gsm: 10-150 sheets (20-300 pages in DPX)	
Cover pages	Paper weight	90-300 g/m2 24-40lb.Bond, 90-140lb.Index, 50-110lb.Cover	
	Paper size	Width: 257-330.2 mm Length: 364-487.7 mm	
	Paper Type	Thick Paper, Coated Paper (Matte Type)	
Interposer tray	Capacity	200 sheets x 2 (90gsm)	*Total load must be under 24mm
Trimming		Top/Bottom Edge: 6-28mm Fore Edge: 6-50mm	
Stack capacity	50 sheets/booklet	13 booklets	*80gsm paper
	100 sheets/booklet	7 booklets	
	200 sheets/booklet	4 booklets	
Warm-up Time		Less than 380 sec	
Glue Capacity		380 g	

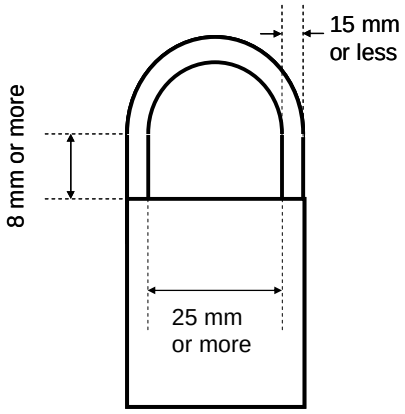
HIGH CAPACITY STACKER

Item		Specification	
Dimensions (W x D x H)		900 x 980 x 730mm	
Weight		Stacker:120kg, Roll-away Cart 15kg	
Configuration		Console type	
Power consumption		Less than 120W	
Power Supply		NA: 120V, 60Hz EU: 220-240V, 50/60Hz	
Proof tray	Paper size	A6T to 331x488mm (13”x19.2”)	
	Paper weight	52-300g/m2	40-52g/m2 paper has to be tested
	Stack Capacity	250 sheets	
Stack tray	Paper size	139.7x139.7mm to 330.2x487.7mm (13”x19.2”)	
	Paper weight	52-300g/m2	
	Stack Capacity	A4/LT-SRA3/13”x19.2”: 5,000 sheets B5-Half LT: 2,500 sheets	
	Output Jogger	Standard	
Roll Away Cart		Yes (Includes one cart. Additional option cart is available)	
Door Lock		Optional (Bracket for Lock is included in the box)*2	

*1: Recommended Lock Type

The following lock is recommended. Please procure it locally.

- ABUS Lock: T84MB (50 or 60mm), 84MB (50 or 60mm), EC75 (50 or 60mm)
- See the following drawing for alternative.



BUFFER PASS UNIT

	Specification
Dimensions (W x H x D)	333 x 727 x 989 mm
Weight	Less than 93kg
Power consumption	Less than 200W
Power Supply	NA: 100- 120V, 50/60Hz, 3A EU: 220- 240V, 50/60Hz, 1A
Paper Size	331 x 488mm (13’ x 19.2’) ~ A6T/Post Card
Paper Weight	52g/㎡– 300g/㎡

Subject to change without notice

MFP Supported Environments

See Fiery Addendum

Other MFP Support Information
See Fiery Addendum

Counters

- **Counter** (Operation Panel Button)

Display in Developments: [Default is Developments]
Color Total xxxxxxx
B&W Total xxxxxxx
Display in Prints: [Use SP5045 to change to Prints (change from "0" to "1")]
Print Out:
Color Total xxxxxxx
B&W Total xxxxxxx
Color Copies xxxxxxx
B&W Copies xxxxxxx
Color Prints xxxxxxx
B&W Prints xxxxxxx

- User Tools → System Settings → Administrator Tools → Display / Print Counter

Display: (Prints)
Total xxxxxxx

Copier	Printer
Full Color xxxxxxx	Full Color xxxxxxx
B&W xxxxxxx	B&W xxxxxxx
Single Color xxxxxxx	Single Color xxxxxxx
Two Color xxxxxxx	Two Color xxxxxxx

A3/DLT xxxxxxx
Duplex xxxxxxx

Scanner Send	Send/TX Total
Color xxxxxxx	Color xxxxxxx
B&W xxxxxxx	B&W xxxxxxxx

Print Out
Same as display

- Maximum 7 digits
- Mechanical counter – behind cover to the left of the 1st paper tray. 7 digits.

Subject to change without notice

Paper

Recommended Throughput Material

TBA

Subject to change without notice

Non Recommended Throughput Material

Refer to pages in the Operators Instructions “About This Machine”.

Do not use any of the following kinds of paper or a fault might occur:

TBA

Special Paper

TBA

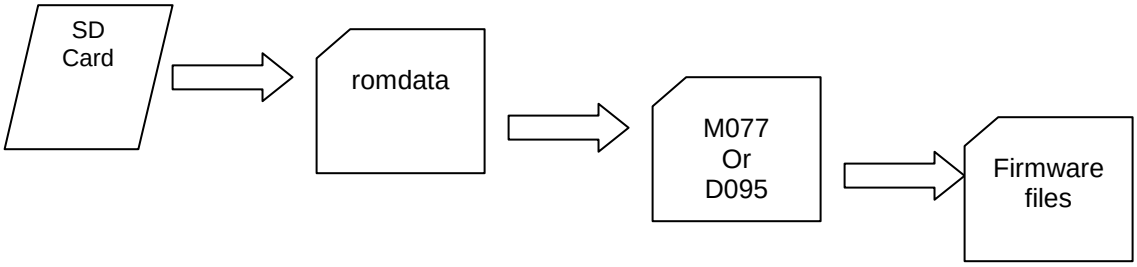
Firmware Information

Firmware

Firmware SD Card	M077 Firmware Type	Appx. Size	D095 Firmware Type	Appx. Size
System	System Firmware	13,083K	System/Copy Firmware	15,824K
Engine	Engine Firmware	8,193K	Engine Firmware	8,193K
Web Support	Web Support	2,730K	Web Support	3,486K
OpePanel	Operation Panel	16,385K	Operation Panel	16,385K
Network Support	Network Interface	3,990K	Network Interface	4,237K
Network DocBox	Network DocBox		Network DocBox	1,623K
Language	Language	13,973K	Language	14,065K
WebUapl			WebUapl	1,204K
Scanner			Scanner	1,147K
Total Size		**58,354K**		**66,164K**

Subject to change without notice

SD Card Arrangement



Note:

- The M077 Printer and the D095 MFP do **NOT** use the same mainframe firmware.

Fiery System Software

See Fiery PSG….

Contact Information

Name	Contact
Technical Services Call Center (Hotline)	Ricoh: (800) 537-4264 Savin/Gestetner: (800) 291-6044 Lanier: (800) 333-3147
Application Help Desk (Software Issues)	Ricoh Phone Card: 2 Call - 000781MIU, 5 Call - 000901MIU Savin Phone Card: 2 Call - 12992, 5 Call - 12993 Gestetner Phone Card: 2 Call - 12994, 5 Call - 12995
HyTec Parts and Logistics Control	(800) 557-4264 http://www.nrc-usa.com
Technology Solutions Center Web Site	http://www.tscweb.net
Ricoh Web Site	http://www.ricoh-usa.com/
Savin iLINC Web Site	http://www.savin.com
Headquarter Web Sites	Ricoh Corporation: http://www.ricoh-usa.com Savin Corporation: http://www.savin.com Gestetner Corporation: http://www.gestetnerusa.com/ Lanier Corporation: http://www.lanier.com
Material Safety Data Sheets	(800) 336-MSDS (6737)
Ricoh University	973.882.2200. http://www.ricohuniversity.com

Training / Service Documentation

Documentation

M077/D095

Description	EDP Code	RFG E-Source Number
Field Service Manual	006001MIU	045666
Parts Catalog	006002 MIU	045667
Point to Point	006003 MIU	045668
Pro C901 Operation Instructions	-	045669
Self pace Training Package	006004 MIU	N/A

Please be aware that once a model or series is out of production, the Field Service Manual, Technical Service Bulletins and Ricoh University should be referenced for the most current information. Check the TSC website and RFG-eSource.

Training

Training type:

- CBT for Pro C900 series trained technicians.
- Classroom training for untrained technicians.

Please refer to the http://www.ricohuniversity.com/ web site for the most up to date training information.

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Product Support Guide
D095 / M077

TCRU Addendum

Pro C901 / Pro C901s @Remote and TCRU Implementation Guide

@Remote

Concept / Objective

The “embedded” @Remote is a key part of the Pro C901 / Pro C901S service strategy. @Remote will be considered a standard service offering.

1. Technician is automatically dispatched for RANK “A” SC codes (Un-resettable SP modes).
2. Proactive PM is scheduled using the PM alarm function of @Remote.
3. Machine information (i.e. Copy Volume, Service Codes, Jams, etc.) captured by @Remote is monitored and evaluated to ensure that the machine performance and service quality is meeting or exceeding targets and expectations.

@Remote Settings Required for the Pro C901 / Pro C901s (for RBS Direct Service Only)

To have a “PM Call” communicated to the Customer Vision Center (CVC) for dispatching activities, a different Service Depot Number needs to be selected to obtain a Request Number for the Pro C901 / Pro C901s. In addition, several SP settings need to be changed at machine installation. Please refer to “**Appendix 3**” (page 16) for the detailed procedure to enable @Remote and page 12 for the SP settings.

Note: A PM Alarm will not be communicated to the CVC if the Pro C901 / Pro C901s is connected behind a RC Gate. The Pro C901 / Pro C901s must be connected directly to the network via a separate connection – one network connection for the Pro C901 / Pro C901s mainframe printer function and a second network connection for @Remote communication.

For additional information on @Remote, go to the following link to view or download basic @Remote documents.

http://tscweb.net/atremote/atremote_documentation.asp

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TCRU (Trained Customer Replaceable Unit)

Concept / Objective

The design of the Ricoh Pro C901 (G178) / Pro C901s (D016) mainframe allows trained and skilled Key Operators to replace select mainframe subassemblies (TCRUs) at PM Alarm ("Replace…" message indicated on the Display Panel) and / or EM Call occurrence to ensure maximum uptime.

This concept and opportunity will allow Sales and Service to:

- **Establish a strong presence in Central Reprographics Department, Print for Pay, and Facilities Management accounts.**
- **Challenge & replace competitor's products that offer TCRU type service.**
- **Offer and provide a Shared Service that meets the response time and uptime requirements of the production-printing environment.**

Benefit Realizations

For Customers

- Maximum uptime maintained by a TCRU replacement (at notification or via your Call Avoidance/Customer Assistance (CA) process).
- PM time is significantly shorter than the traditional PM (individual parts replacement) because of subassembly (TCRU) replacement that allows the replaced TCRU to be refurbished by the Technician while the machine is up and running.
- Convenience of managing required PM activity through TCRU replacement at PM Alarm or according to job workload or schedule.

For Service Support Organizations

- Call Avoidance / Customer Assistance will reduce the number of service visits - an immediate on-site service visit may not be required if an EM issue can be resolved with a TCRU replacement by the Key Operator.
- Replacement TCRU provides a subassembly troubleshooting method (swap units) to isolate root causes quicker.
- Refurbishment of TCRUs can be completed on a scheduled basis to not disrupt Customer or Technician daily activity.
- No requirement to complete PM's during off or after hours which result in higher Service costs.

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Product Support Guide
D095 / M077
TCRU Kit - Order Process, Pricing and Contents

Customers have the option of participating in the Shared Service (self maintenance of unit replacement) or Full Service. If Full Service is chosen, the TCRU is used as a FRU (Field Replaceable Unit) by Field Technicians as a tool to reduce service time.

TCRU Kit is available to customers as finished goods with EDP Code.

EDP Code	
404234	Kit A
404364	Kit B

TCRU Kit Contents

Kit A

Components	Part No.	Description	Q'ty	Unique / Common
TCRU	G1782455	Charger Unit	4	C (C900)
TCRU	M0779680	Developer Y	1	U
TCRU	M0779670	Developer M	1	U
TCRU	M0779660	Developer C	1	U
TCRU	M0779640	Developer K	1	U
TCRU	D0169510	Drum Unit	4	C (C900)
TCRU	M0773600	OPC Cleaning Unit	4	U
TCRU	M0776815	2nd Image Transfer Unit	1	U
TCRU	M0776560	Belt Cleaning Unit	1	U
TCRU	AF031041	Feed Roller	2	C (C900)
TCRU	AF032041	Separation Roller	2	C (C900)
TCRU	AF030071	Pick Up Roller	2	C (C900)
TCRU	G1787258	Toner Dust Filter	4	C (C900)
Tool	B1329700	Lubricant Powder	1	C (C900)
Tool	B2348612	Driver - TCRU	1	C (C900)
Tool	N/A	Troubleshooting Manual	1	U
Tool	N/A	Replacement Manual	1	U
Tool	N/A	Adjustment Manual	1	U
Tool	N/A	TCRU Replacement Form	1	U

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Kit B

Components	Part No.	Description	Q'ty	Unique / Common
TCRU	-	Fuser Unit	1	U

Fusing Unit - TCRU

To minimize the PM or EM service time of the Fusing Unit, it is strongly recommended that TCRU Kit B be ordered. If the customer plans to run heavy weight media and different paper widths (11" / 12" / 13") an additional Fuser Unit may be required for each paper width. This will eliminate copy quality issues that occur when the paper edge wears lines into the Fust Belt.

The Fusing Unit is available as a service part and supply Item.

Part Number
M0774042

EDP Code
404364

Addendum – Shared Service (TCRU) Agreement

Guidelines, in the form of a Maintenance Agreement Addendum, have been developed (sample provided in Appendix 1 – Page 13) to help protect your service organization from possible increases in service related costs because of unnecessary or premature TCRU replacement by the Key Operator. These guidelines include the Key Operator's responsibilities when a TCRU is replaced at PM Alarm or for an EM issue.

As with any Service Agreement, the Addendum also reflects verbiage on issues concerning liability and requires the Customer's acknowledgement (name, signature, and date) that they have read, understand, and accept the contents of the Addendum. This part of the Agreement must be signed before deploying the Kit at the Customer's account.

The Addendum also serves as an acknowledgement by the Key Operator that they have been trained by Service personnel on the Shared Service requirements, processes, and workflows. This must be signed and dated by the Key Operator after completion of the TCRU Training by the Technician. A copy of this signed document should be given to the Customer and the original should be kept on file at the Service location.

Key Operator Training Overview

Critical to the successful implementation and management of this Shared Service Offering is the replacement of a TCRU by a Key Operator. This requires the mechanical removal as well as interaction with the Display Panel, through Super User Mode, to reset a PM Counter. The following are the established guidelines on the key areas that should be demonstrated to and reviewed with the Key Operator(s) when the Kit is deployed. (At machine installation in most cases.)

Training Activity Summary

1. **Conducted By**: Installing Field Service Representative (FSR) or Customer Service Representative (CSR).
2. **When**: At Machine Installation and also a refresher at the 1st TCRU replacement (at PM Alarm)
3. **Critical Documents/Process to Review**:
    a. TCRU Replacement & Troubleshooting Manuals (included in the TCRU kit)
    b. TCRU Replacement Form (Appendix 2)
    c. TCRU Replacement Workflows – PM & EM
    d. Addendum – Shared Service (TCRU) Agreement
4. **Simulations Performed**:
    a. The actual replacement of all TCRUs.
    b. Have the Key Operator remove and replace each TCRU to verify procedures
5. **Time/Duration:** Plan on spending 45 – 60 minutes to properly train the Key Operator(s)

Refurbishment Options

Several refurbishment methods have been utilized and evaluated. After reviewing the results and taking into account the logistics and economic requirements or impacts to Service, the following table reflects three options with their advantages and disadvantages. ***Option #1, is Ricoh's recommended approach, which was successfully employed during our field test.***

Please note that there are other options available to implement and manage the refurbishment of used TCRUs at the local level. Any of the options presented can be used as a guideline to develop and customize an implementation plan based on your organization and capabilities. Option #2 or #3 may be a consideration as your Shared Service account MIF increases.

	Activities	Benefits	Disadvantages
1	Refurbish the TCRU at the Customers site	▪ One Visit ▪ No additional travel time is required for transporting the TCRUs between the Customer's locations and the Service location. ▪ The Units remain at the customers location eliminating the risk of damage during return handling or shipping	▪ The FSR has to remain on-site longer to refurbish the TCRU
2	Transport the replaced TCRUs to the local service location for refurbishment and return the same unit(s) back to the original customer	▪ The FSR's time at the customer's location is kept to a minimum ▪ TCRU refurbishing can be scheduled at the service location	▪ Transportation of the TCRUs between the customer and the service locations is required ▪ Potential damage to TCRUs during transportation and/or handling ▪ Dimensions of TCRUs cartons ▪ Replacement of TCRUs may not be available when the customer requires
3	"Swap" the replaced TCRUs at the customer's location with refurbished TCRUs and transport the replaced TCRU to the local service location for refurbishment	▪ Same as option 2 ▪ Refurbished TCRUs are immediately available to the Key Operator ensuring maximum uptime	▪ Same as option 2 ▪ An additional set of TCRUs is required at the local service location thus increasing costs

Option #1 Note: Refurbishment components (PM Kit) should be stored at the Account to eliminate Rescheduled Calls.

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Service Offering Visibility & Management thru Dispatch System

TCRU (Shared Service) customers will demand a quicker response time and a higher service level than customers without this type of “mission critical” equipment. The FSR is required to call the customer immediately after an EM call is assigned for this type of customer.

Service Items for Ricoh Pro C901 / Pro C901s - (GMA) General Maintenance Agreements (for RBS Direct Service Only)

Service Item	Item Description (Short-Customer View)	Item Description (Long)
SVC-SILVER	Labor, Parts, Black Toner, Color Toner	Full Service GMA - Standard Double Click (11x17), Black & Color Toner Included, Technician Replaces TCRU
SVC-SILVER-D-TCRU	Labor, Parts, Black Toner, Color Toner - Cust TCRU (D-Click)	Shared Service GMA - Standard Double Click (11x17), Black & Color Toner Included, Customer Replaces TCRU
SVC-SILVER-S	Labor, Parts, Black Toner, Color Toner (S-Click)	Full Service GMA - Single Click (11x17), Black & Color Toner Included, Technician Replaces TCRU
SVC-SILVER-S-TCRU	Labor, Parts, Black Toner, Color Toner - Cust TCRU (S-Click)	Shared Service GMA - Single Click (11x17), Black & Color Toner Included, Customer Replaces TCRU
SERVICE & PARTS	Labor and Parts Only	Full Service GMA - Standard Double Click (11x17), Parts & Labor Only, Technician Replaces TCRU
SVC-PARTS-D-TCRU	Labor and Parts Only - Cust TCRU (D-Click)	Shared Service GMA - Standard Double Click (11x17), Parts & Labor Only, Customer Replaces TCRU
SVC-PARTS-S	Labor and Parts Only (S-Click)	Full Service GMA - Single Click (11x17), Parts & Labor Only, Technician Replaces TCRU
SVC-PARTS-S-TCRU	Labor and Parts Only - Cust TCRU (S-Click)	Shared Service GMA - Single Click (11x17), Parts & Labor Only, Customer Replaces TCRU

When a FSR visits a customer to refurbish TCRU(s) that were replaced by the key Operator for EM or PM activity, “TCRU” **must be entered by the FSR in the “Notes” field when debriefing the call to indicate that TCRU(s) were refurbished during the call.**

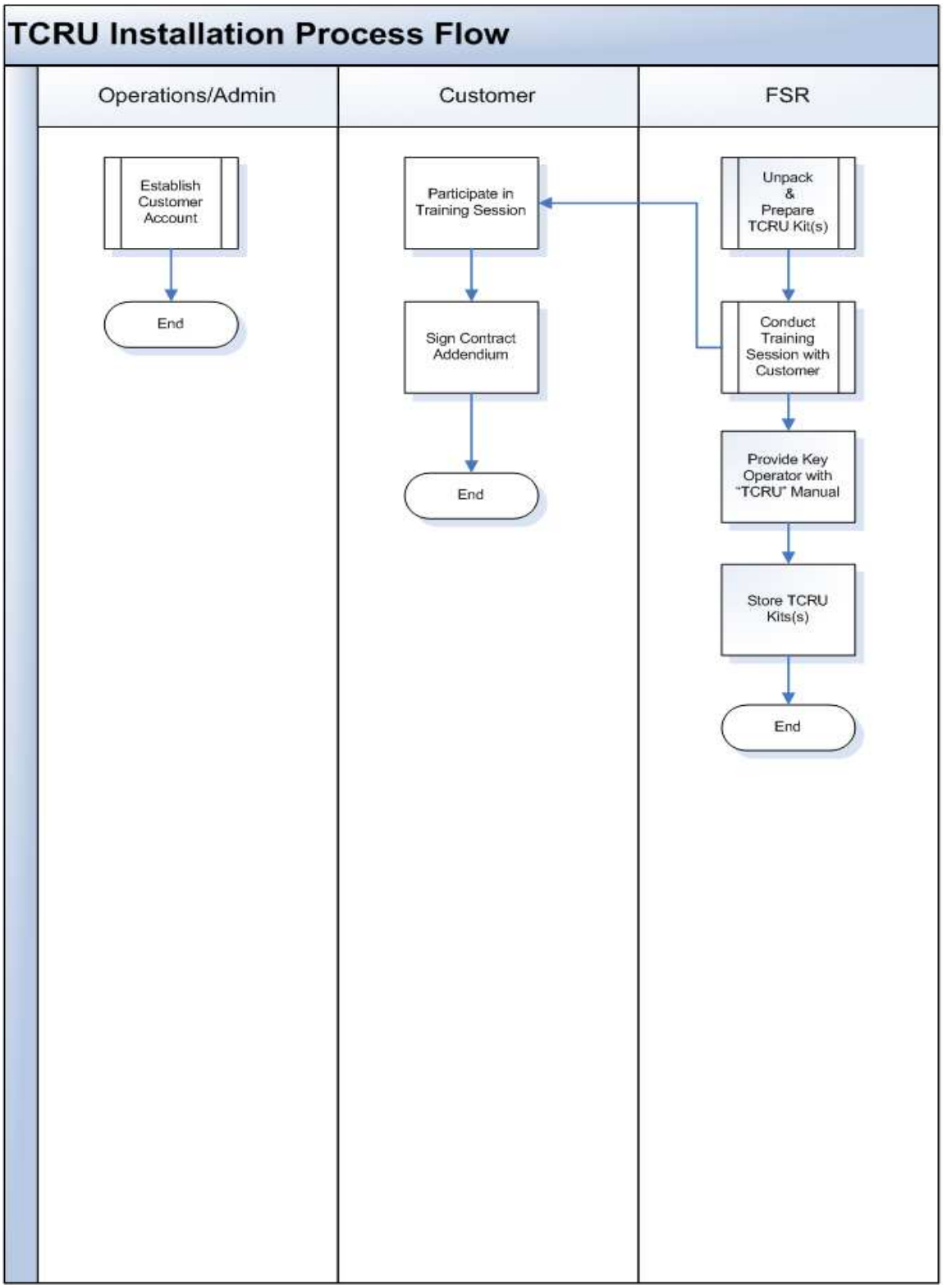
TCRU Workflows – EM & PM

TCRU Replacement and Service Workflows are critical to the successful implementation and management of the Shared Service Offering.

While a PM Workflow is much more straightforward than an EM Workflow, the success of both is a shared responsibility between the Key Operator, your Help Desk, the Call Handling Process (Service Dispatch), and the on-site Field Service Representative.

Note: See Suggested Workflows on the following pages.

TCRU Workflows - "Shared Service" TCRU Program



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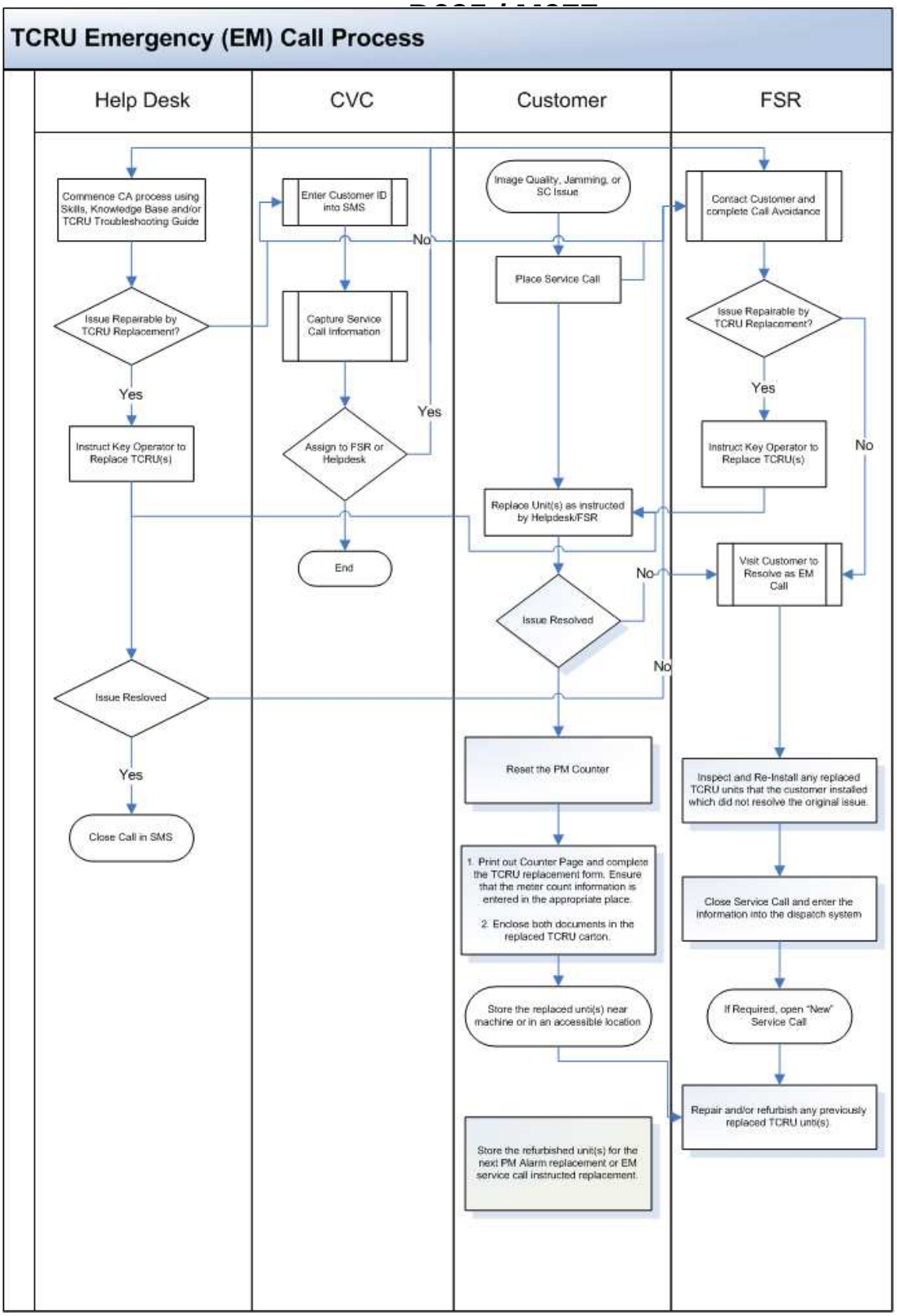
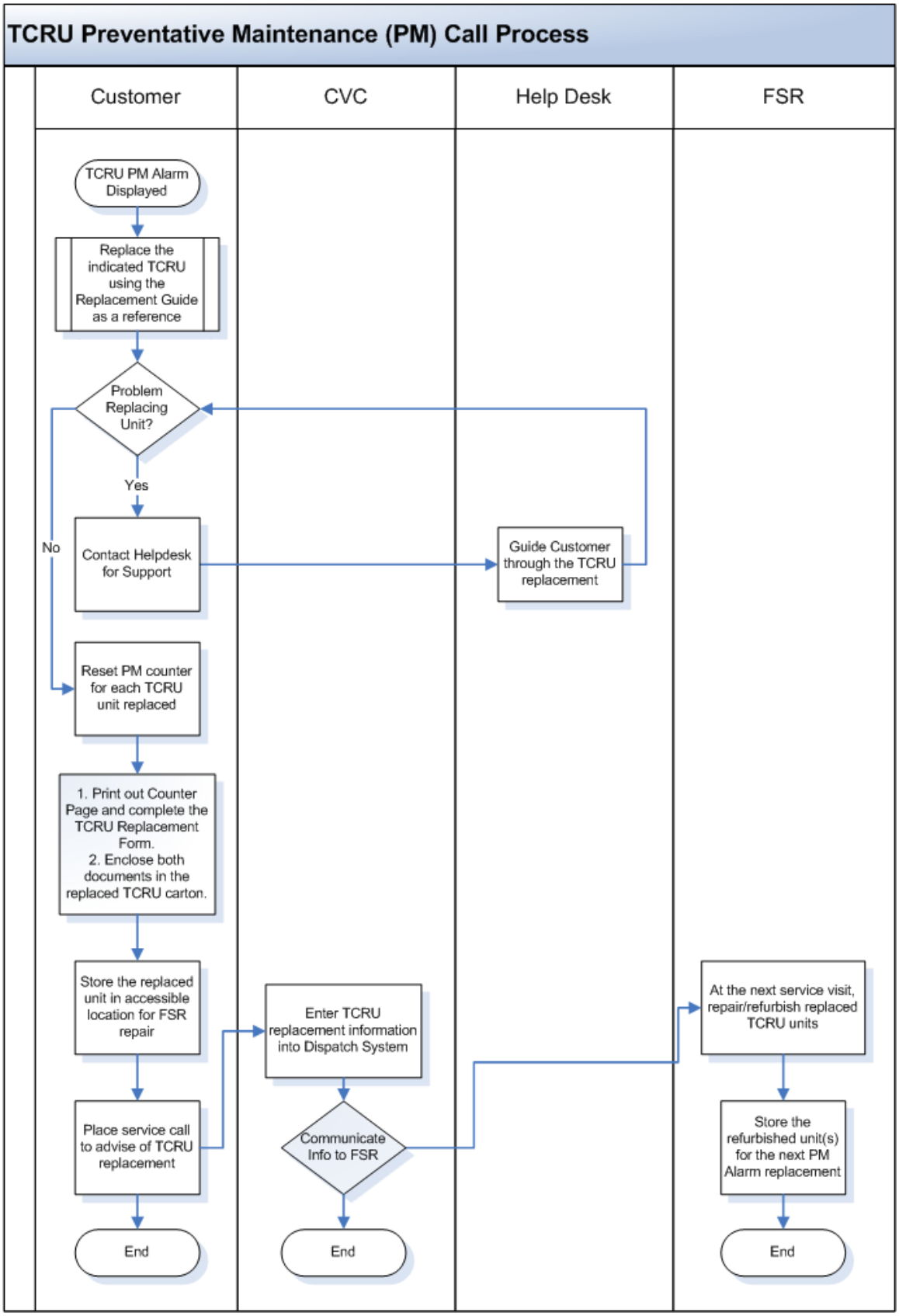


Subject to change without notice



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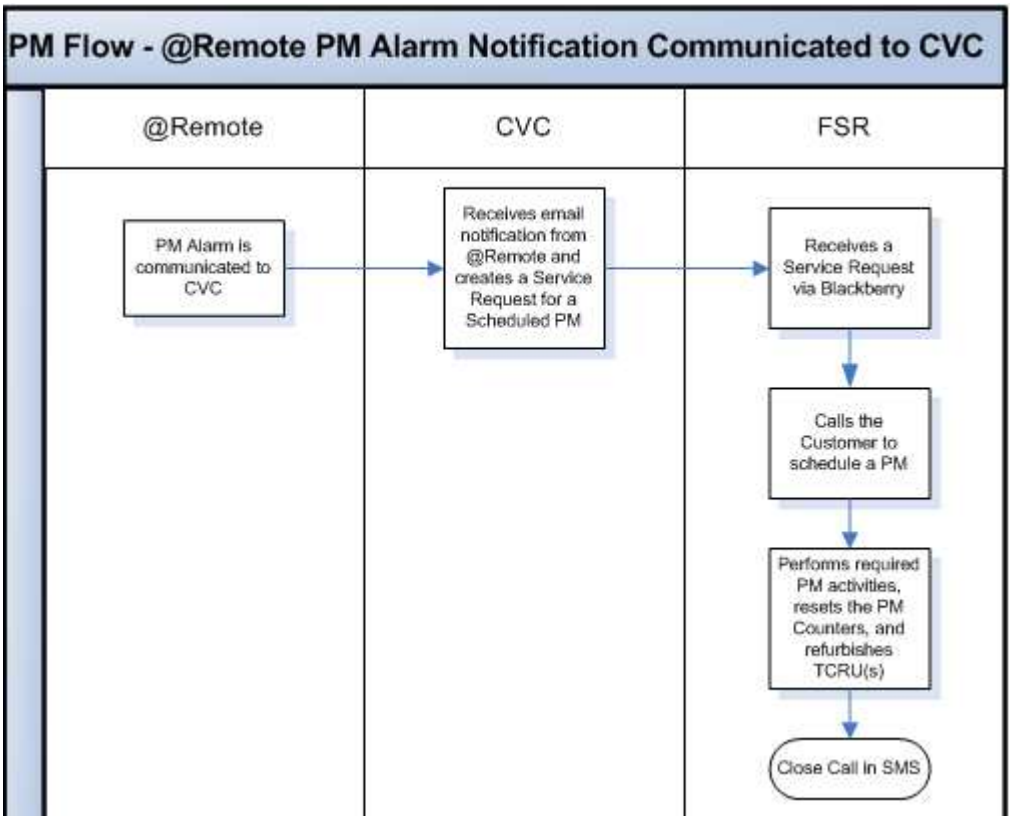
PM Guideline

Optimum machine performance is dependent upon quality service and scheduled maintenance; therefore, proactive and scheduled PMs are required for the Pro C901 / Pro C901s. The CVC (Customer Vision Center) @Remote Dispatcher creates a Service Request for a PM Call after receiving one of the following notifications from **(see SP Mode Settings that are required on page 12):**

1. PM Alarm is communicated via @Remote.



Note: PM Parts Counter needs to be reset after performing a PM (SP7618).

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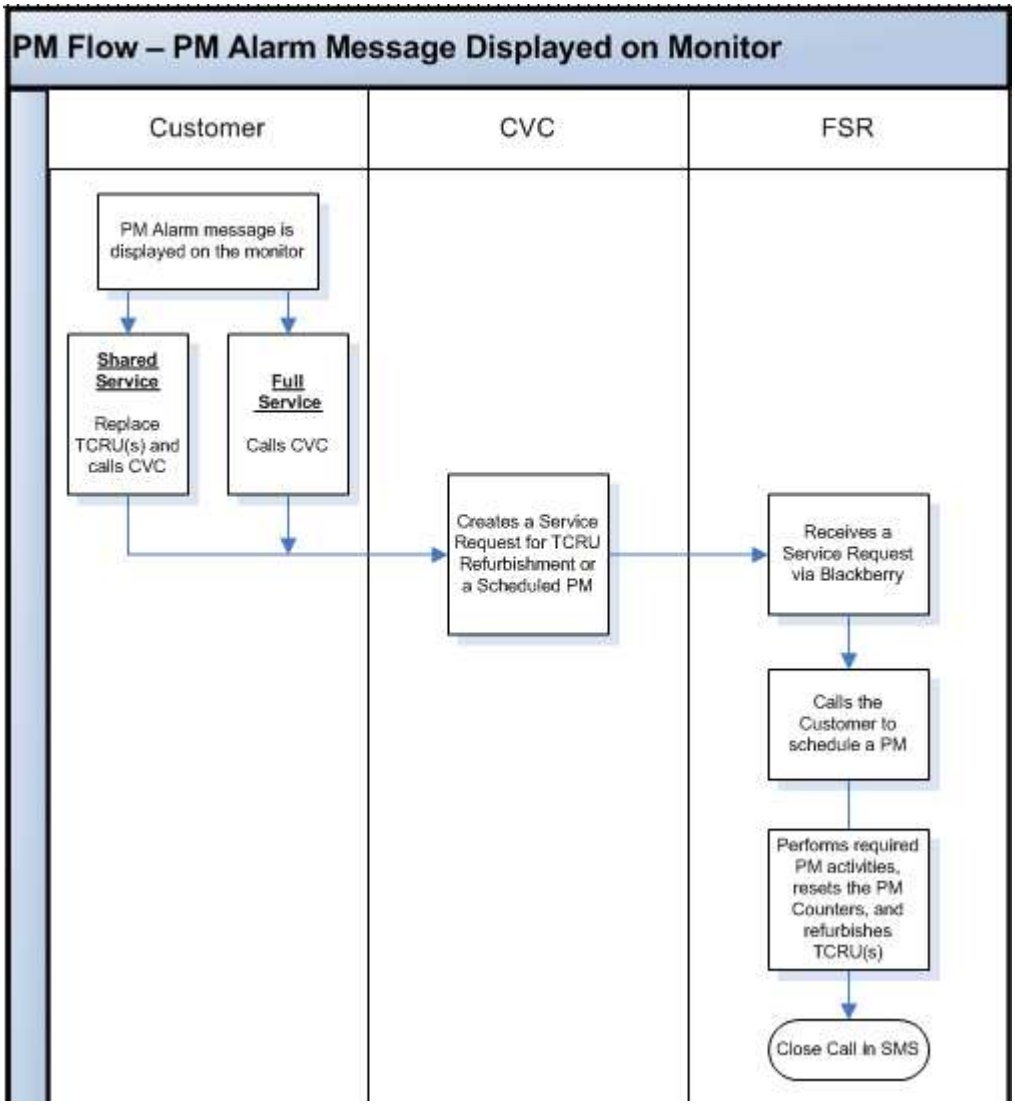
2. Customer calls CVC for PM request when a PM Alarm is displayed on the monitor > the @Remote feature is not enabled on the machine.



Note: PM Counter needs to be reset after performing a PM (SP7804).

PM Procedure, PM Alarm Settings, and SP Mode Settings Required for Each Service Type

Service Type	PM Procedure	PM Alarm Settings	SP Mode Settings
TCRU Service with @Remote PM Alarm	A PM Alarm is sent via @remote to the CVC when the main PM Parts counter (SP7617-01) reaches 380K (95% of the PM target). A PM is then "scheduled" with the account by the Technician. Note: This 95% of target @remote PM Alarm is not displayed on the machine. Technician replaces or refurbishes the Fusing Unit (FRU) and TCRU(s) if the PM counter of each TCRU is close to or has exceeded the main PM counter. **Color PM Unit(s) / TCRU(s)** The Key Operator replaces a TCRU if the PM unit replacement alarm is displayed and a Technician's visit has not been scheduled. (i.e. Color Charge Unit).	Send PM alarm via @remote at 380K (95% of PM target) to dispatch a Technician to perform PM activities for the Fusing Unit and other 400K PM items. **Color PM Unit(s) / TCRU(s)** Set the PM Alarm message for every PM unit to be displayed on the screen to notify the Key Operator that a TCRU replacement is required.	**SP5062-01:ON (Default: OFF)** **SP7956-01: 1 (Default: 0)** SP5514-01: 1 (Default) **SP5513-01: 380 (Default: 300)** **SP5515-02: 0 (Default: 1)** **SP5515-03: 0 (Default: 1)** **SP5515-08: 1 (Default)**
TCRU Service without @Remote PM Alarm	Key Operator replaces a TCRU if a PM Alarm is displayed. The Key Operator calls Service after replacing the TCRU(s) and the Technician visits the account to refurbish the replaced TCRU(s). The Technician also checks the counters for the other PM units or components and performs any additional PM activities that are required.	Set the PM Alarm message for every PM unit to be displayed on the screen.	**SP5062-01:ON (Default: OFF)** **SP7956-01: 1 (Default: 0)**
Full Service with @Remote PM Alarm	A PM Alarm is sent via @remote to the CVC when the main PM counter reaches 380K (95% of the PM target). This will trigger the scheduling of a PM.	Set the PM Alarm to 380K (95% of the PM target) for the main PM counter to send a PM Alarm via @Remote.	SP5062-01:OFF (Default) SP7956-01: 0 (Default) SP5514-01: 1 (Default) **SP5513-01: 380 (Default: 300)** **SP5515-02: 0 (Default: 1)** **SP5515-03: 0 (Default: 1)** **SP5515-08: 1 (Default)**
Full Service without @Remote PM Alarm	A PM Alarm is displayed when the main PM counter (SP7803-01) reaches 380k (95% of the PM target). The Key Operator calls for Service.	Set the PM Alarm to 380k (95% of PM target) for the main PM counter to display a message on screen.	**SP5501-01: 380 (Default: 0)**

Note: The SP Settings must be adjusted by the Technician at installation according to the Service Type (Maintenance Contract) that has been established with the account.

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Appendix 1

Sample Addendum to Maintenance Agreement for Pro C901 / Pro C901s

The Service Maintenance Agreement between ***"dealer name"*** and Customer is hereby amended as follows:

1. Only those Customer employees that have been trained and certified by a service representative of ***"dealer name"*** are authorized to provide the limited services with respect to Trained Customer Replaceable Units pursuant to this Addendum (hereinafter "Key Operators"). ***"dealer name"*** shall have no responsibility for and disclaims any and all liability with respect to any loss or damage to person or property resulting from or arising out of the acts or conduct of any persons other than a trained and certified Key Operator.

2. The Key Operator may replace a TCRU when a Preventive Maintenance Alarm is indicated on the Display Panel of the equipment. Replacement activities shall be limited to the following:
   a) replacement of the TCRU
   b) reset of the TCRU counter through the Display Panel
   c) printing of the Counter Page
   d) completion of the TCRU Replacement Form
   e) repacking of the replaced TCRU and enclosing items c & d in the replacement TCRU carton

3. The Key Operator may not replace a TCRU before the Preventive Maintenance Alarm is indicated on the Display Panel without approval and instruction from a Field Service Representative. Such approval shall be initiated by the Key Operator through a Service Call.

4. If / When the Key Operator replaces a TCRU before the Preventive Maintenance Alarm is indicated on the Display Panel without approval and instruction from a Field Service Representative, the replaced TCRU shall be retained by the customer and evaluated by the Field Service Representative during the next Service visit. The Field Service Representative may determine that the TCRU has not achieved the target life and that it may be reused without refurbishment for the remainder of it's' target yield. The remaining yield of the TCRU will be noted by the Field Service Representative on the TCRU Replacement Form. The noted remaining yield ("Preventive Maintenance Target") is to be entered by the Key Operator when the TCRU is replaced to ensure an accurate next Preventive Maintenance Alarm for the TCRU.

5. For any Emergency Maintenance issue, such as image quality, jamming, or Service Codes, the Key Operator may not replace a TCRU without approval and instruction from a Field Service Representative. The resolution to any Emergency Maintenance machine issue is to be initiated by the Key Operator placing a Service Call to the Service location. The Service location may provide immediate assistance through a Helpdesk and / or assign the Service Call to a Field Service Representative. If the Service Call is assigned, the Field Service Representative will immediately contact the Key Operator to discuss the issue and determine if the issue can be resolved with a TCRU replacement. If the issue cannot be resolved with a TCRU replacement, the Field Service Representative will visit the account to investigate.

6. If / When a TCRU is replaced for an Emergency Maintenance issue with the approval and instruction from a Field Service Representative, the Key Operator is required to:

   a) reset of the TCRU counter through the Display Panel
   b) print the Counter Page
   c) complete the TCRU Replacement Form
   d) repack the replaced TCRU and enclose Items C & D in the replacement TCRU carton

Sample Addendum to Maintenance Agreement – page 2

7. If a TCRU is replaced by the Key Operator and it does not resolve an Emergency Maintenance issue, the Key Operator is required to reinstall the original TCRU and return the replacement TCRU to its original carton.

8. Any TCRU that is replaced for an Emergency Maintenance issue by a Key Operator at a 24 Hour / 7 Day account without the instruction of a Field Service Representative, must be reported to the servicing location by the account the next business day (for the servicing location).

9. Replaced TCRUs are to be stored near the machine or in an accessible location for the Field Service Representative.

10. The replaced TCRU will be refurbished and / or repaired locally at the Customer's location, or will be replaced ("swapped") with a refurbished TCRU at the Service provider's earliest opportunity.

11. If a TCRU incurs non-repairable damage during normal usage or replacement, the Service location will provide a replacement TCRU unit at no charge.

12. The premature or unnecessary replacement of a TCRU outside the guidelines reflected in this "Addendum, **Shared Service** Agreement" may subject the Customer to a surcharge or to the cancellation of the Shared Service Agreement.

13. Damage to a TCRU caused by Key Operator misuse, abuse, or negligence may subject the Customer to a surcharge or to the cancellation of the Shared Service Agreement.

14. Customer hereby assumes the risk and liability for loss, damage or injury to person or property arising out of the acts and conduct of Customer taken pursuant to this Addendum. In no event shall ***your dealer name"*** shall not be liable for any loss or any special, incidental or consequential damages caused by the use or misuse of the TCRU replacement process. In no event shall the recovery of any kind or nature exceed the price paid for the Shared Service.

This **Addendum, Trained Customer Replaceable Unit (TCRU) Shared Service Agreement** has been reviewed and is fully understood.

Date:_____

Account Name:_____

By:_____

Title:_____

Training Acknowledgement/Agreement

I acknowledge that I have been trained on the Key Operator activities and responsibilities that are required to replace the TCRUs by a Service representative of *"dealer name"***.**

Date: _____

Service Representative: _____

Key Operator Name: _____

Appendix 2

Ricoh Pro C901 / Pro C901s TCRU Replacement Form

Please complete this form when replacing TCRU(s). Enclose this form and the Counter Page with the replaced TCRU in the replacement unit carton.

1. *Print out the Counter Page (Press the "Counter" key and select "Print Counter List").*
2. *When replacing a TCRU, reset the TCRU's PM counter of each unit using "Reset PM Counter" on TCRU display.*
3. *If the TCRU was replaced for an image quality issue, attach an image sample.*

Replaced (Used) TCRU Information

Replacement Date: _____
Replaced By: _____

TCRU Replaced (Please indicate all replaced items with checkmark):

[ ] Charge (Cyan)	**[ ] Developer (C)**	**[ ] Drum (C)**	**[ ] Drum Cleaning (C)**
[ ] Charge (Magenta)	**[ ] Developer (M)**	**[ ] Drum (M)**	**[ ] Drum Cleaning (M)**
[ ] Charge (Yellow)	**[ ] Developer (Y)**	**[ ] Drum (Y)**	**[ ] Drum Cleaning (Y)**
[ ] Charge (Black)	**[ ] Developer (B)**	**[ ] Drum (B)**	**[ ] Drum Cleaning (B)**
[ ] Paper Transfer Roller	**[ ] Image Transfer Belt Cleaning**		**[ ] Toner Filter (C)**
[ ] Toner Filter (M)	**[ ] Toner Filter (Y)**		**[ ] Toner Filter (B)**
[ ] Feed Roller (Upper)	**[ ] Pick Up Roller (Upper)**		**[ ] Separation Roller (Upper)**
[ ] Feed Roller (Lower)	**[ ] Pick Up Roller (Lower)**		**[ ] Separation Roller (Lower)**
[ ] Fuser Unit			

Reason for TCRU Replacement (Please checkmark PM or EM):

[ ] PM (Preventive Maintenance)
[ ] EM (Emergency Maintenance)

Symptom: _____

Key Operator's Comments: _____

_____

**Make Prints of this document and keep them with the TCRU kit.*

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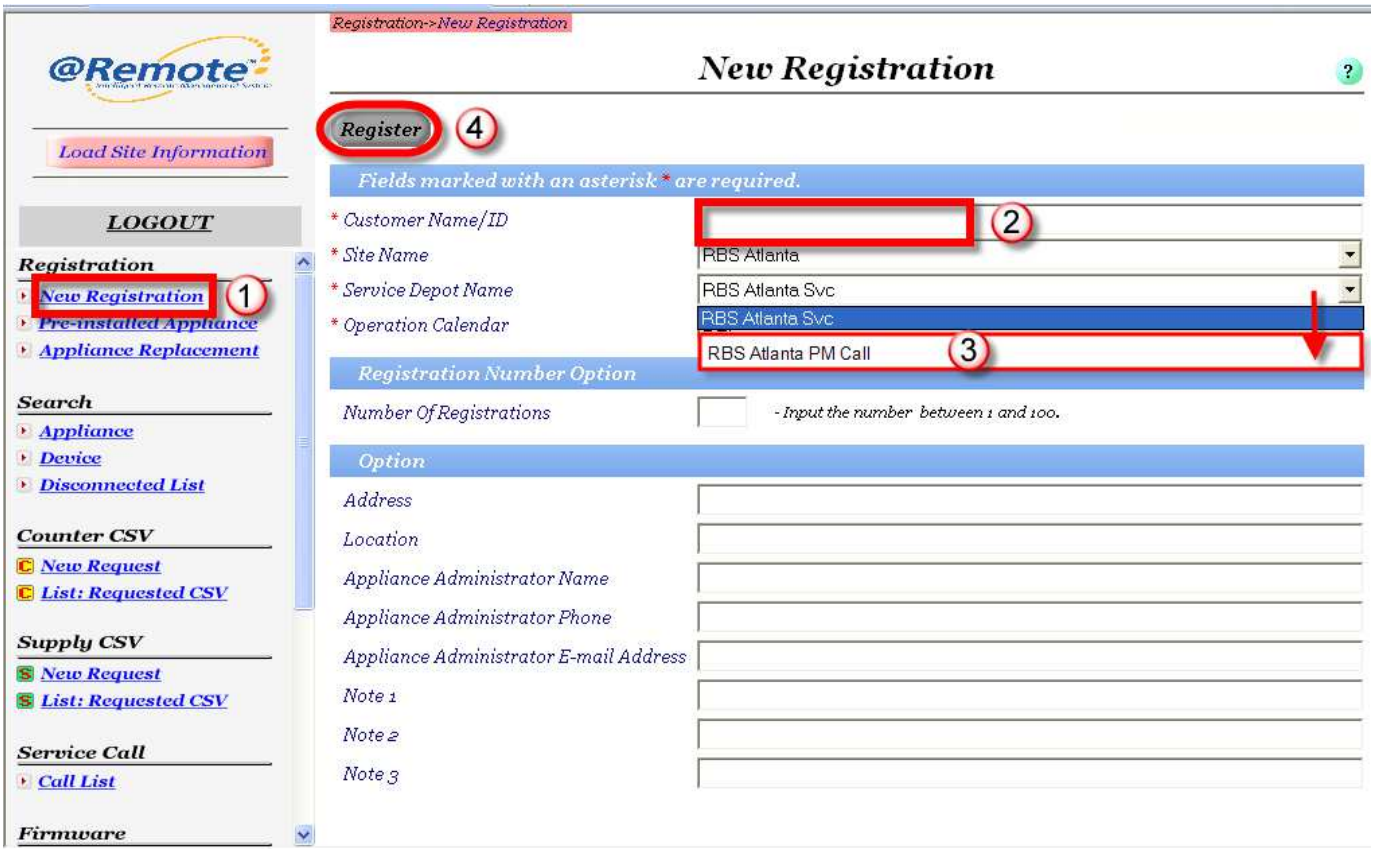
Appendix 3

How to enable the embedded @Remote Functionality for the Pro C901 / Pro C901s (for Ricoh Direct Service)

Prior to activating embedded @Remote:

1. Log into the @Remote Center using the following URL: https://rcg.support.ricoh.com/atremotecenter/MainServlet
2. Select New Registration (1) Pre-register the Device in the @Remote Center System after entering the Required and / or Optional Information and selecting "**Register"** (see 2, 3 4 below). When Obtaining a Request Number prior to installing the Pro 901C as an Embedded @Remote Device, you will have to obtain the Request Number a little differently. For these Devices and only for these devices, please select the Service Depot Name from the pull down list and choose **your** Service Depot with the "PM Call".

This Service Depot setting is designed to send PM Call notifications to the Call Center for PM Work Order Creation. In the example screen shot below, you can see that there are two Service Depot Names, one for all RC Gate and Embedded Device Installations and one for Embedded Device Installations that are going to also send PM Calls.



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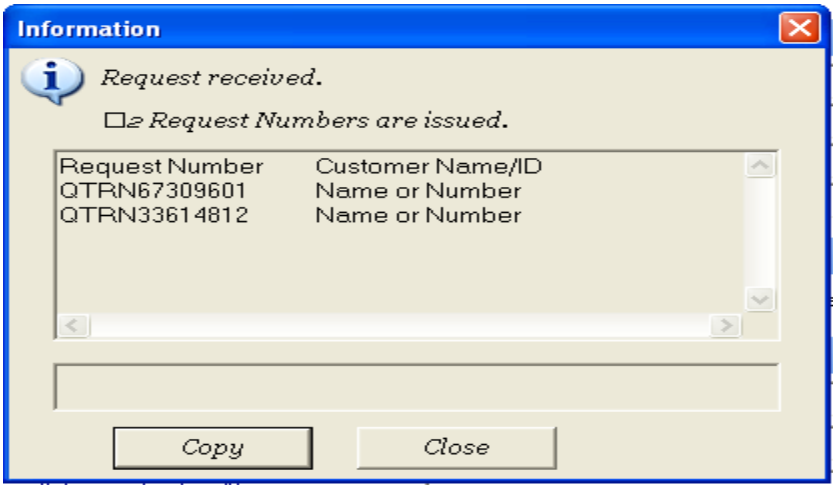
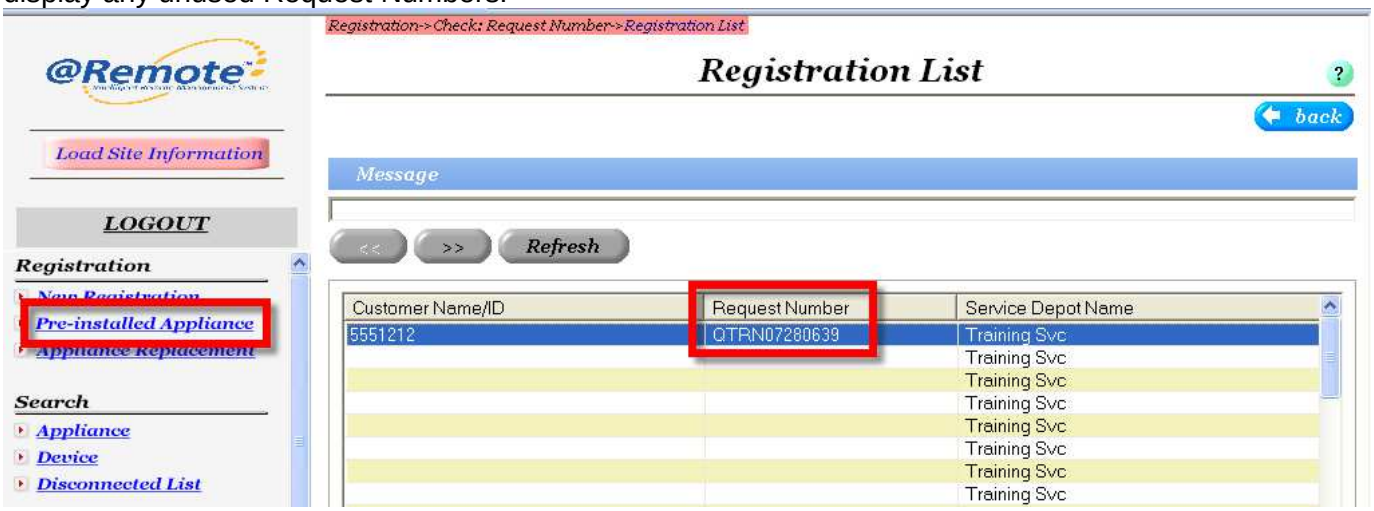


3. Record the Request Number provided by the @Remote Center System (selecting Copy in the screen above will save the Request Number(s) to your Clip Board). You will need to input this number into the Device as a part of the Registration process. Request Numbers are valid for a period of Three Months.

4. If you forget the Request Number, you can always obtain them by going to the @Remote Center System and Selecting the Pre-installed Appliance on the menu, which will display any unused Request Numbers.



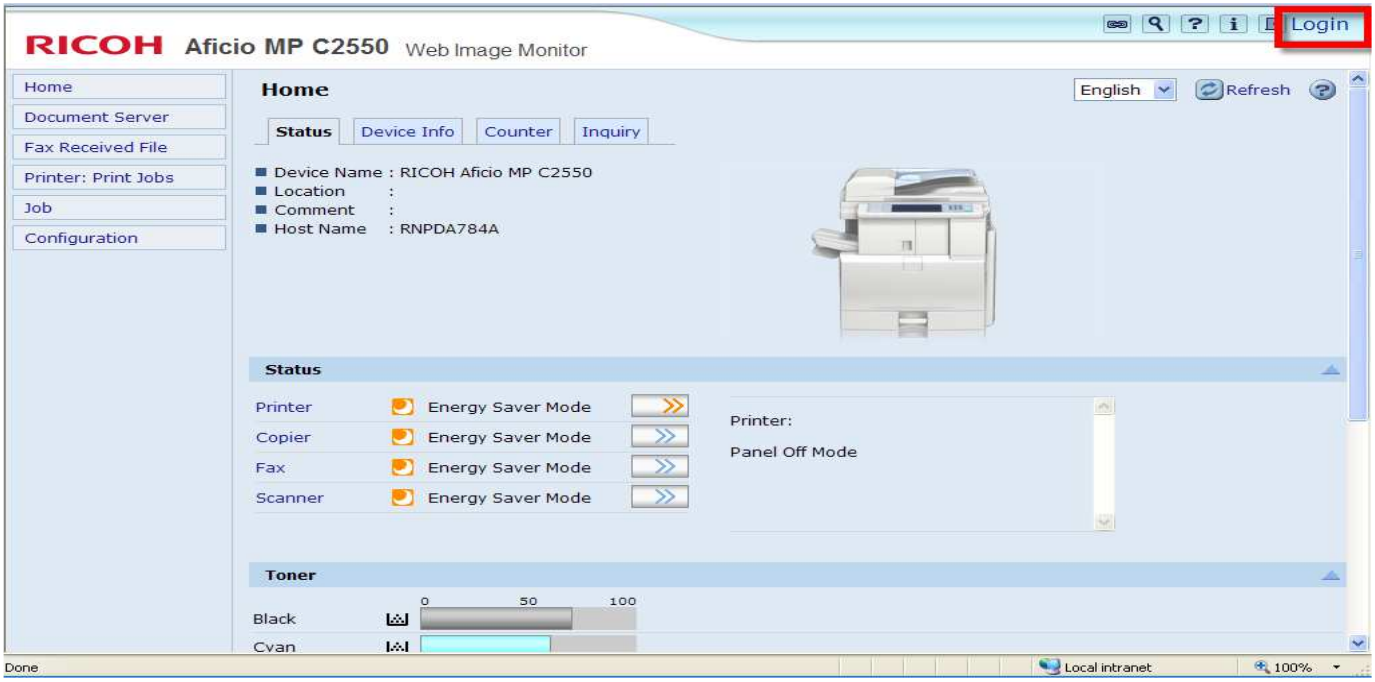
5. Complete the installation process for the Device as normal. Perform all regular post installation testing of the Device to ensure the MFPs proper operation.

Check the following setting at the Devices Op Panel, if it is set to [Prohibited], change to [Do not prohibit].

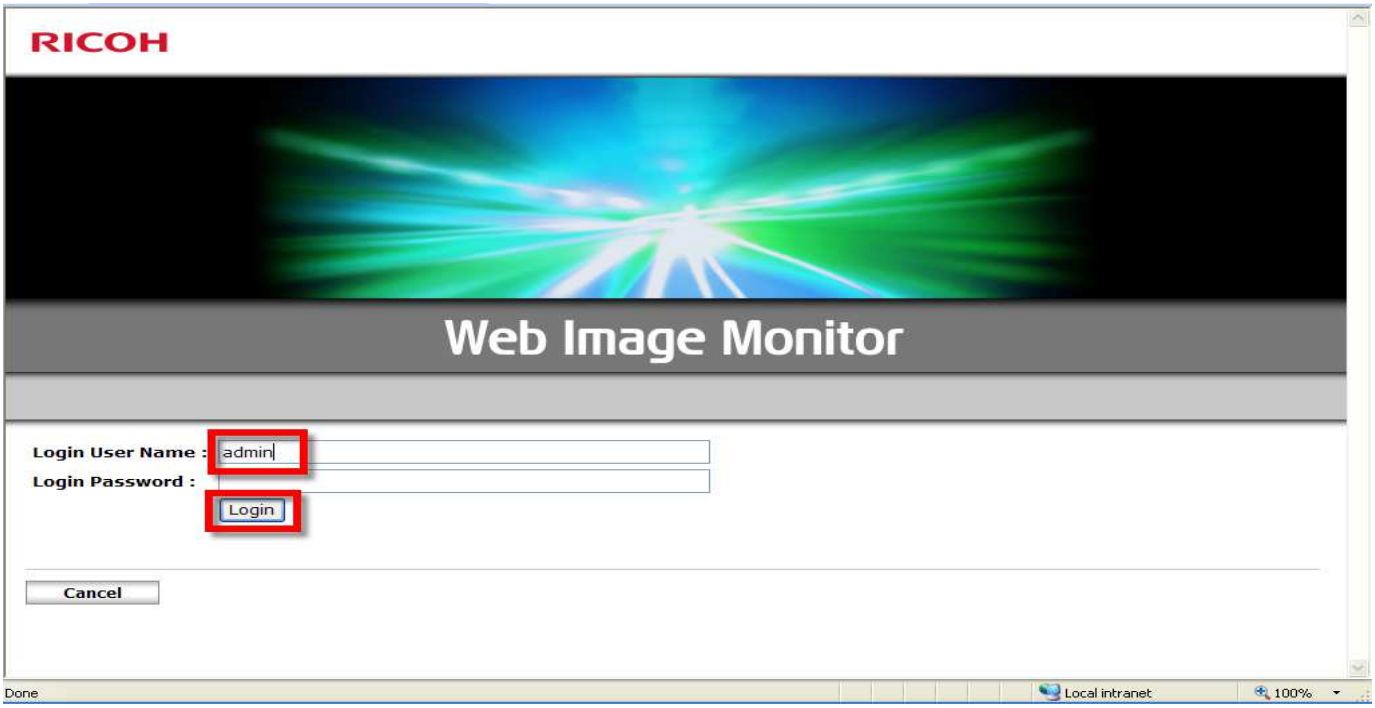
How to check and verify and / or change this setting;

User Tools/Counter > System Settings > Administrator Tools > Extended Security > @Remote Service

6. Access the Device's Web Image Monitor (WIM) and select **Login**

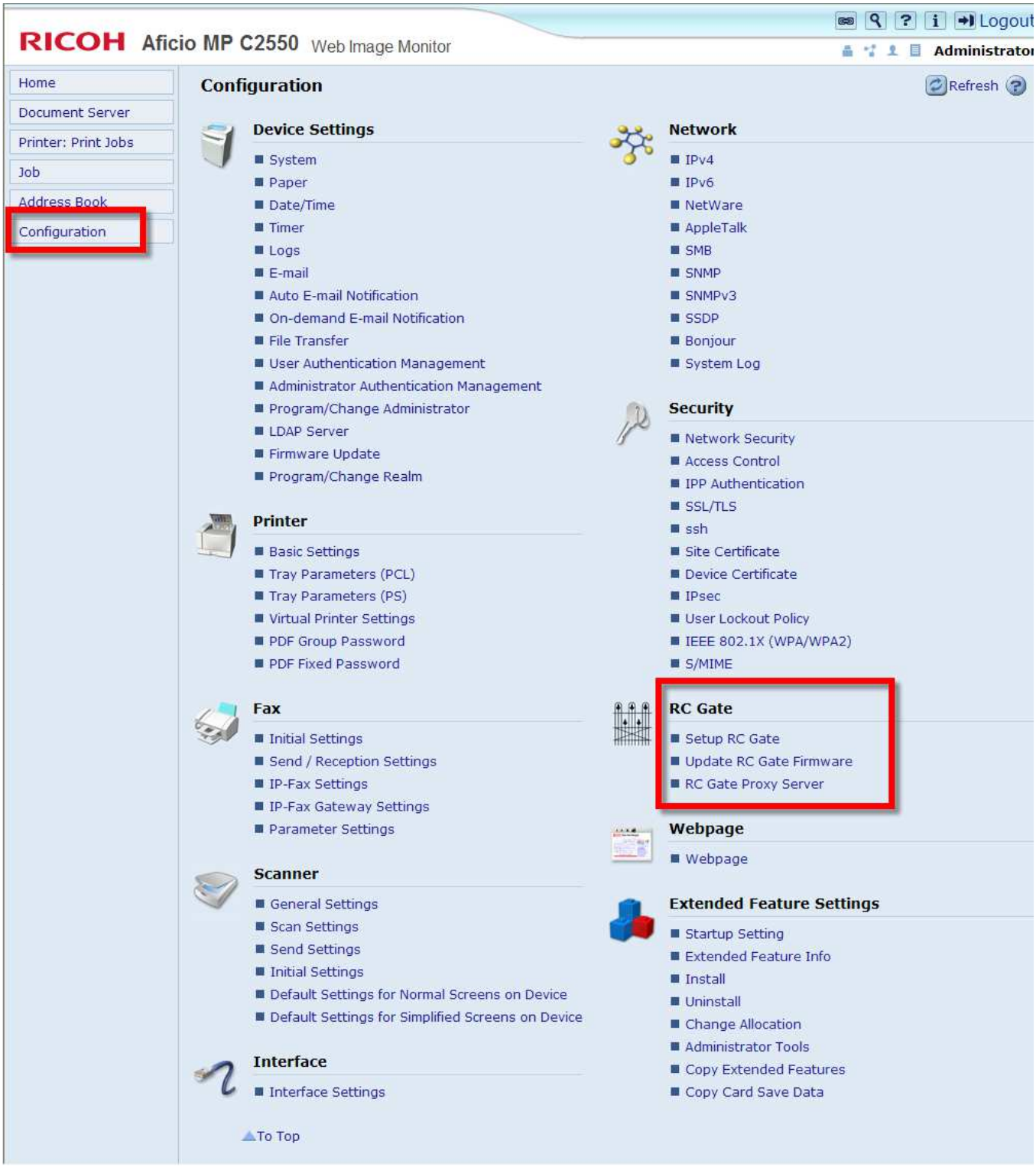


7. Log into the Device Web Image Monitor as **Admin**

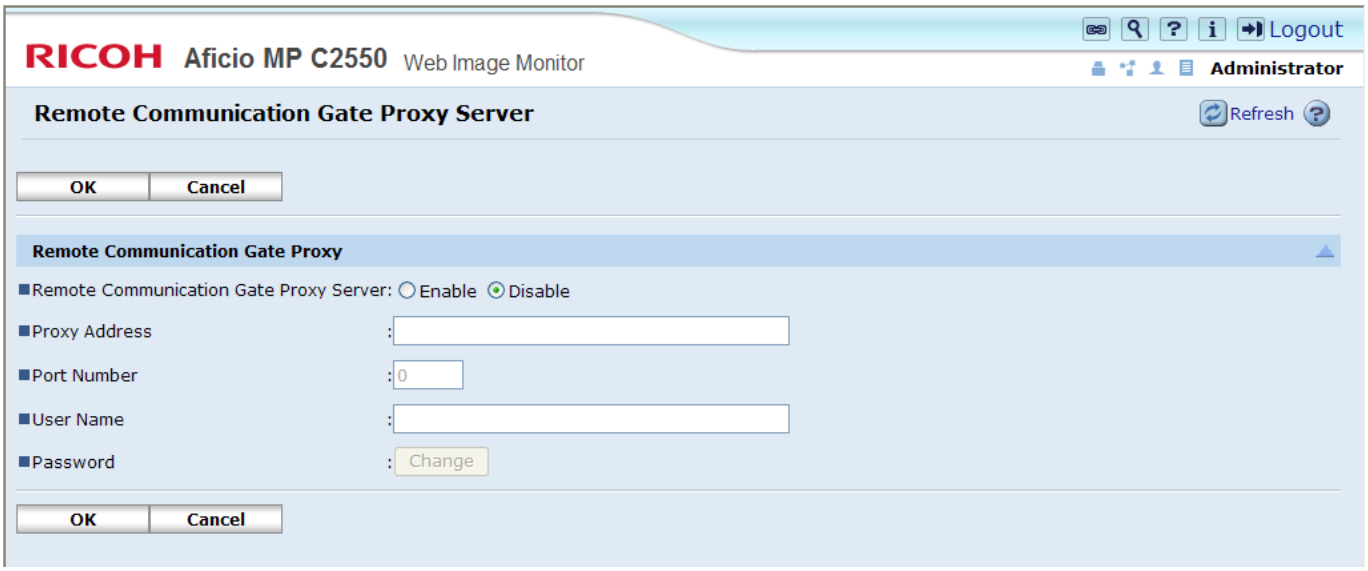


Subject to change without notice

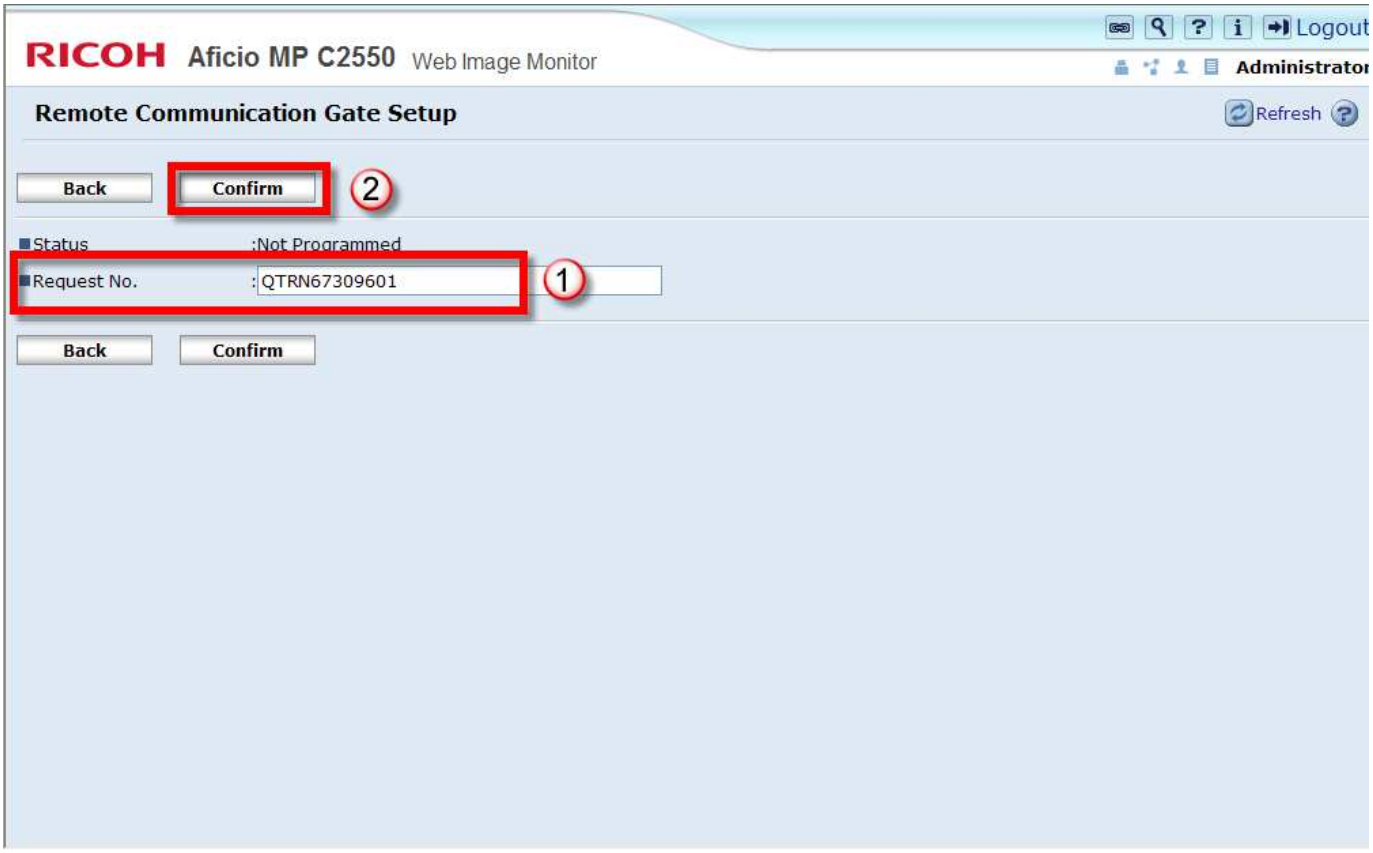
8. Scroll down the Left Side Menu and select **Configuration**, then select **RC Gate**



9. Note: if your Customer uses a Proxy Server to Access the Internet, then Program the RC Gate Proxy Information into the Device prior to selecting Setup RC Gate, otherwise, skip this Step.



10. Select **Setup RC Gate,** Enter the **Request Number** obtained in Step 3 above and select **Confirm** (left upper section of the web page)



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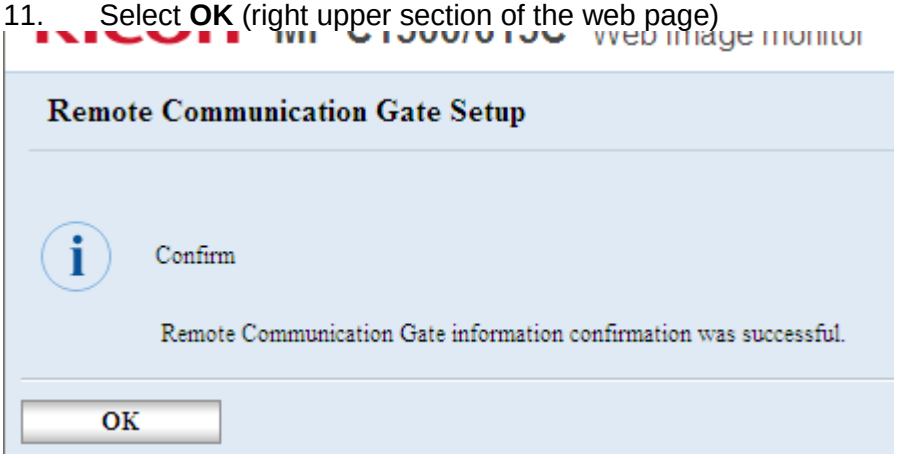
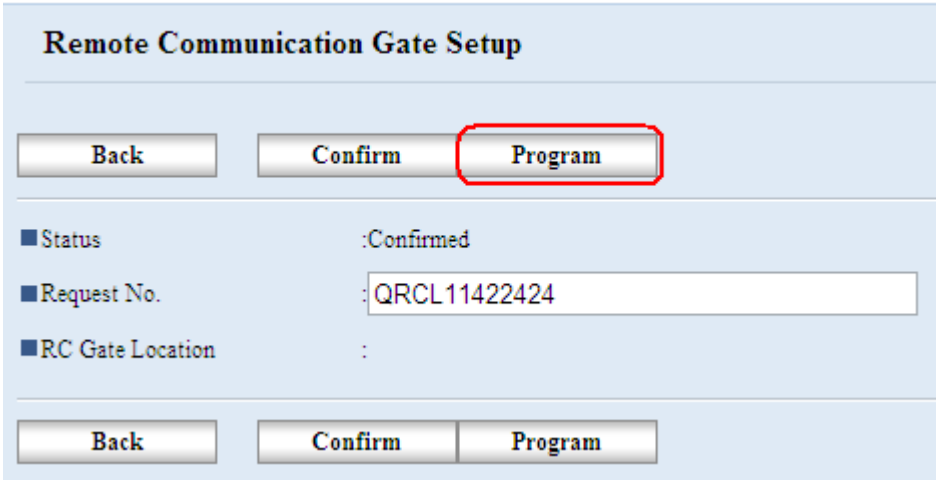
11. Select **OK** (right upper section of the web page)



12. Select **Program** (left upper section of the web page)



13. Select **OK** (right upper section of the web page)

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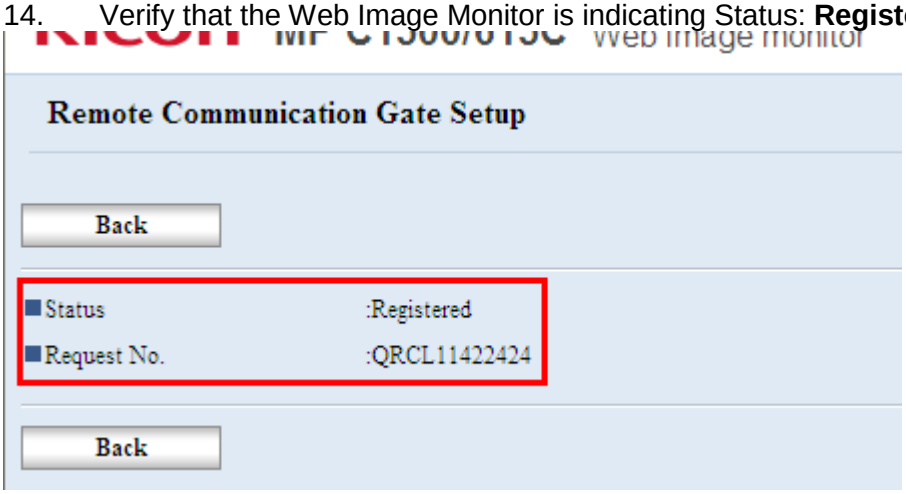
14. Verify that the Web Image Monitor is indicating Status: **Registered**



The @Remote Embedded Device is now Reporting into the @Remote Center and is completely registered (Managed Mode) in the @Remote Center; this is the last step to perform in the Web Image Monitor.

15. Check the Device List of the center GUI that the registered device is appeared in the list with “Registered” status as Device Condition. If Device Condition is still “Found”, it will be changed to “Registered” automatically at the time when the device sends next hourly polling.

16. Check and / or change the following SP Modes to ensure that the PM Calls are enabled for this Device.

	Shared Service Customer	**Full Service Customer**
SP mode settings for @Remote	SP5062-01: ON (Default: OFF) SP7956-01: 1 (Default: 0) SP5514-01: 1 (Default) SP5513-01: 380 (Default: 300) SP5515-02: 0 (Default: 1) SP5515-03: 0 (Default: 1)	SP5062-01: OFF (Default) SP7956-01: 0 (Default) SP5514-01: 1 (Default) SP5513-01: 380 (Default: 300) SP5515-02: 0 (Default: 1) SP5515-03: 0 (Default: 1)

Installing Embedded @Remote using SP Mode

You can install Embedded @Remote by using the SP Modes instead of the Web Image Monitor.

Access the Service SP Modes.
Go to SP 5816-202 and enter the Request Number
Go to SP 5816-203 and select Confirmation Execute
Go to SP 5816-204 and select Confirm Result
Go to SP 5816-205 and select Confirm Place
Go to SP 5816-206 and select Register Execute
Go to SP 5816-207 and select Register Result to ensure that the configuration was successful.

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Product Support Guide
D095 / M077

Revisions

Rev 1.0 – 1st Release
Rev 1.01 – Minor corrections for Options – Corrected reference to RT5000 / RT5020. Corrected Drum yield to 2,400k.
Rev 1.02 – Correct Product Descriptions on Pg 3.
Rev 1.03 – Added additional Option information for GBC and Java installations – Pg. 4
Rev 1.04 – Updated Contact Info. Pg. 52
Rev 1.05 – Removed TBA for Waste Toner Bottle as a supply item. Service part only.