

# The New IBS Control Center

## An Enhanced BOCR Tool

Useful information provided by stethos

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# IMPORTANT NOTICE!



**The IBS Control Center installs the exact same extended feature „Barcode & OCR package“ on the printer as the retired BOCRT tool!**

**Independent from media (HDD or SD card)**

**RICOH** Aficio SP C420DN Web Image Monitor

Logout

Administrator

Extended Feature Info

Refresh

Back

1/1

Total Applications:1

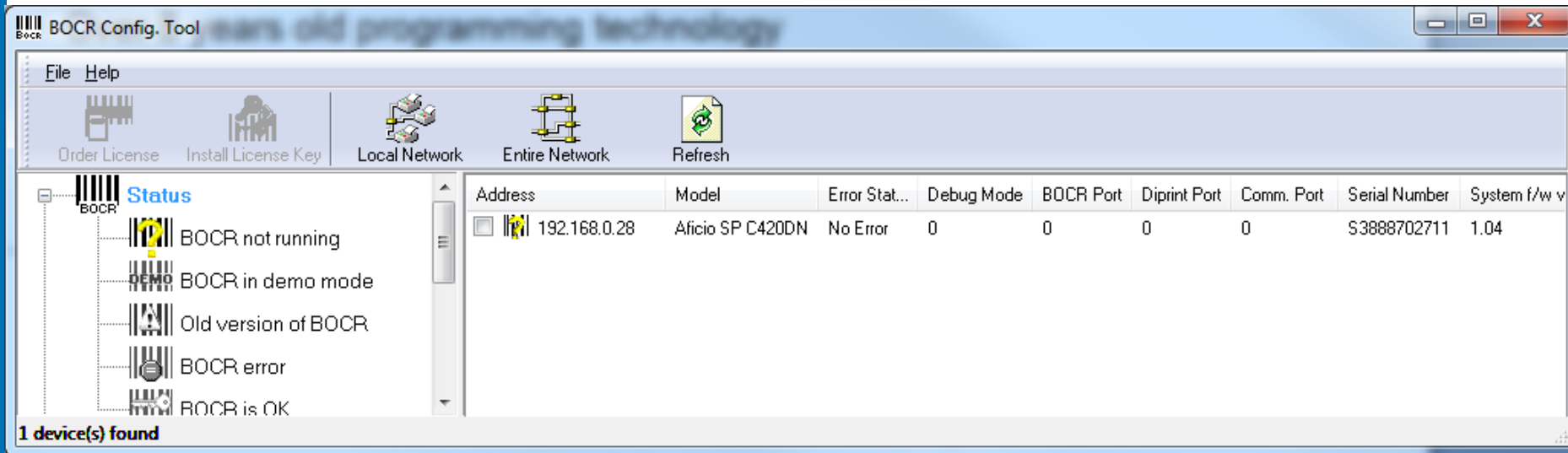
Extended Feature Name		Priority	Type	Status	Description	Version	Allocated to	Startup Location
Barcode & OCR Pac...			C	Starting Up	Barcode & OCR Package -Intelligent Ve...	1.18.0.0	None	Device HDD

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# Why a new tool?

## ❖ BOCRT, IBS installation tool:

- ❖ Very old programming technology
- ❖ Development stopped years ago, just new devices had been added
- ❖ Limited to installation, licensing and rudimentary debugging
- ❖ Limitation since day one between firmware part (Ricoh) and IBS executable part prevented from easy usage of additional IBS functions (Quicksets).



The screenshot shows the BOCR Config. Tool interface. The title bar reads "BOCR Config. Tool" and "Very old programming technology". The menu bar includes "File" and "Help". The toolbar contains icons for "Order License", "Install License Key", "Local Network", "Entire Network", and "Refresh". The main window is divided into two panes. The left pane, titled "Status", shows a tree view with "BOCR" expanded, listing several status options: "BOCR not running" (selected), "BOCR in demo mode", "Old version of BOCR", "BOCR error", and "BOCR is OK". The right pane displays a table with the following data:

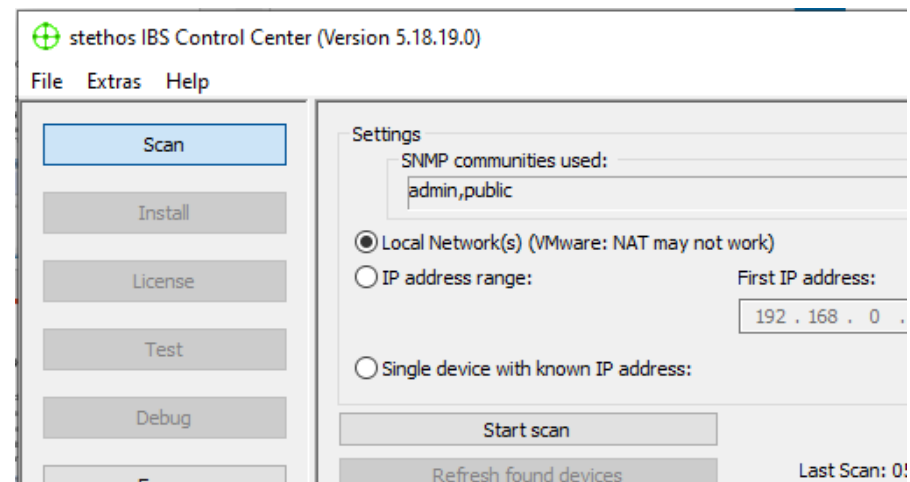
Address	Model	Error Stat...	Debug Mode	BOCR Port	Diprint Port	Comm. Port	Serial Number	System f/w v
<input type="checkbox"/> 192.168.0.28	Aficio SP C420DN	No Error	0	0	0	0	S3888702711	1.04

At the bottom left of the window, it says "1 device(s) found".

# Why a new tool?

## ❖ IBS Control Center <-> BOCRT tool

- ❖ 100 % replacement of BOCR
- ❖ Support of some IBS enhanced features, for debugging and other stuff
- ❖ Requires no Ricoh internal know-how anymore (DC)
- ❖ Faster Bulk-Licensing by implemented WEB serviced management
- ❖ Multilingual: French, German, Italian, Spanish, Swedish
- ❖ Online Help, including Questions & Answers, and chat area to contact directly the stethos supporter
- ❖ Update function detection of new versions
- ❖ Faster Installation, needs only printer WEB site



# Why a new tool?

- ⊕ Possibility to set SNMP communities
- ⊕ Help is saved on PC to have it offline available
- ⊕ Installation of new devices with Java part is fully implemented
- ⊕ Compare IBS registration database in the internet with all found devices and note if a device should be licensed but isn't.
- ⊕ Search database for supported devices
- ⊕ Defines for a specific country an e-mail address, receiving all licensed PJI files (Country settings).
- ⊕ Quickset function e.g. for fast setting of emulations
- ⊕ Read back files from device HDD and public SD card

# IBS Control Center IBS CC

## Device table



Brand	Model	DC	Alias	IP Address	Licensed	IBS capable	SD/HDD
Ricoh	Aficio SP C420...	51		192.168.0.28	No	Yes	Unknown
Ricoh	Aficio SP C820...	64		0.0.0.0	Yes	Yes	HDD

- Device listing (sortable to your needs)

Brand (See settings) + Model

IP address

IBS Capable / In Demo / Fully licensed

For installation: In which SD card slot

For usage. Status / which IBS version

SD-Card Slot
HDD or SD-card in slot 1
-

Demo	Debug	Serial Number
No	No	S3888702711
No	No	

CONVERT vers...	NIB f/w version
	8.04
v8.38	

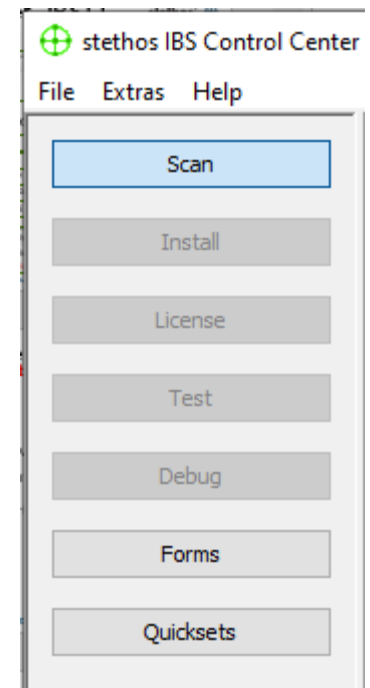
# IBS Control Center

## Feature enhancements I



### Faster installation and future version management:

- ⊕ No manuals needed to find out the DC numbers
- ⊕ Automatic detection of HD or SD card and pre-selection of installation files
- ⊕ Licensing by WEB integrated services, just a Magic Number is needed
- ⊕ Bulk-Licensing: Provide magic number list and use them on selected devices.
- ⊕ IBS CC checks itself for updates
- ⊕ Fast installation because of single-click installer



# IBS Control Center

## Feature enhancements v9.51 II

supported by  stethos<sup>®</sup>

Provides easy IBS configuration for common scenarios like:

### ❖ Capturing Data Streams

- ❖ In the supported devices with only 1 click!
- ❖ Load the captured data to the PC with only 2 additional clicks

### ❖ Quick Sets apply functions with two clicks like

- ❖ Bar code analyzation: helps debugging font and bar code sequences
- ❖ Activate emulations: Kyocera Prescribe, Proprinter, etc.

Currently selected device:  Device Model: Aficio SP C420DN

Quicksets available:

BarcodeAnalyze_mode_1	▼
BarcodeAnalyze_mode_1	
BarcodeAnalyze_mode_2	
BarcodeAnalyze_mode_3	
Epson_Emulation	
Kyocera_Prescribe_embedded	
<b>Kyocera_Prescribe_native</b>	
no_rules	
Printronix_PGL	
Proprinter_Emulation	

Prints as an attachment to the job a new page with all font selection sequences.  
For PCL 5 data streams only.

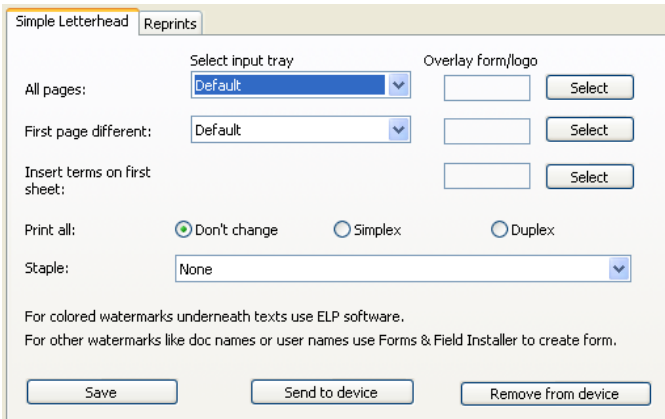


# IBS Control Center

## Feature enhancements III

supported by  stethos<sup>®</sup>

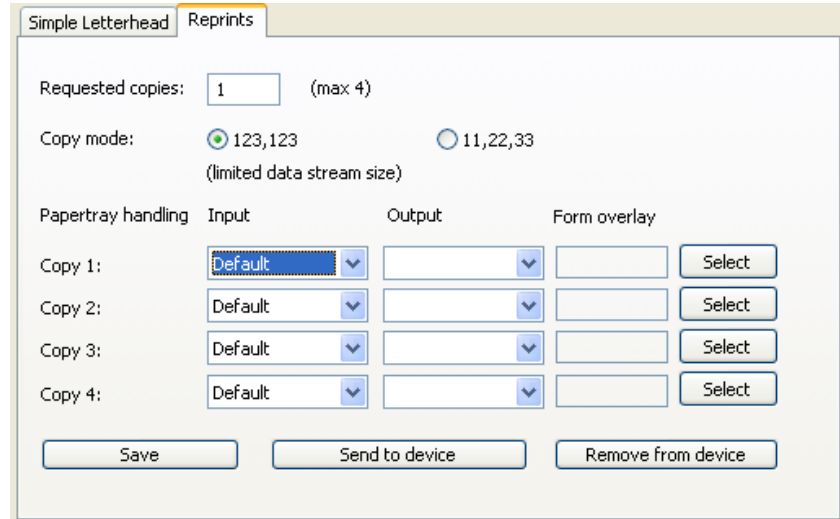
- ✦ Forms generation:
  - ✦ Turn any printable page into a printer form
- ✦ ELP mode:
  - ✦ Apply simple forms and printer management like letterheads, watermarks, terms and conditions,
  - ✦ Create multiple copies
  - ✦ Tray mapping and management
- ✦ Download the **ELP** tested configuration to the printer
- ✦ Even more features to come!



The screenshot shows the 'Simple Letterhead' configuration window. It has two tabs: 'Simple Letterhead' (selected) and 'Reprints'. The 'Simple Letterhead' tab contains the following settings:

- All pages:** Select input tray: Default (dropdown), Overlay form/logo: [ ] [Select]
- First page different:** Default (dropdown), [ ] [Select]
- Insert terms on first sheet:** [ ] [Select]
- Print all:**  Don't change,  Simplex,  Duplex
- Staple:** None (dropdown)

At the bottom, there is a note: "For colored watermarks underneath texts use ELP software. For other watermarks like doc names or user names use Forms & Field Installer to create form." Below the note are three buttons: Save, Send to device, and Remove from device.



The screenshot shows the 'Reprints' configuration window. It has two tabs: 'Simple Letterhead' and 'Reprints' (selected). The 'Reprints' tab contains the following settings:

- Requested copies:** 1 (input), (max 4)
- Copy mode:**  123,123,  11,22,33 (limited data stream size)
- Papertray handling:** Input, Output, Form overlay
- Copy 1:** Default (dropdown), [ ] [dropdown], [ ] [Select]
- Copy 2:** Default (dropdown), [ ] [dropdown], [ ] [Select]
- Copy 3:** Default (dropdown), [ ] [dropdown], [ ] [Select]
- Copy 4:** Default (dropdown), [ ] [dropdown], [ ] [Select]

At the bottom, there are three buttons: Save, Send to device, and Remove from device.

# IBS Product demonstration



stethos IBS Control Center (Version 5.18.19.0)

File Extras Help

Scan  
Install  
License  
Test  
Debug  
Forms  
Quicksets

Settings

SNMP communities used  
admin,public Change...

Local Network(s) (VMware: NAT may not work)  
 IP address range:  
 Single device with known IP address:

First IP address: 192 . 168 . 0 . 1  
Last IP address: 192 . 168 . 0 . 254  
Subnet mask: 255 . 255 . 255 . 0  
0 . 0 . 0 . 0

Start scan  
Refresh found devices  
Check license database

Last Scan: 07.01.2020 11:24:30

Model	DC	IP Address	IBS Comm.port	Licensed	IBS capable	SD/HDD	SD Card Slot	Minimum RAM	SD Card maximum capacity	D
MP 402SPF	124	192.168.0.139	10001	Yes	Yes	HDD	HDD is standard or needs to be purchased	1898 MB	-	N
SP 4510DN	102	192.168.0.146	-	No	Yes	HDD	HDD is standard or needs to be purchased	512 MB	-	N

[Privacy statement](#)  
[Online Help \(F1\)](#)

All  IBS capable  Not installed  Installed  Licensed  Not licensed [Legend of colors](#)

- IBS Intelligent Barcode System:
  - >200 additional printer functions located in the printer,
  - >400 additional functions in the server based version ELP
  - Support through partners all over Europe and by stethos US.
- Online help and download:  
<http://stethos.com/home>
- Questions to: [support@stethos.com](mailto:support@stethos.com)