*** Basic Information ***
[Create date] 2018/08/20
[Program Name] Cheetah_ddi(GER)
[Version] 1.05
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0A01430N [File Information] File Name D0A01430N-P01.zip File Type Module for Service Size 313.03 MB ( 328235942 byte ) [File Information] File Name D0A01430N-P02.zip File Type Module for Service Size 439.78 MB ( 461140731 byte ) [Availability of RFU] No
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]

*** Modification History ***	=======================================	 =====
[Modifications made:] 1st Mass production		 
[Modification history]		

*** Basic Information ***  [Create date] 2018/08/20  [Program Name] Cheetah_ddi(CHN)  [Version] 1.05  [PCB No.]  [Interchangeability] X / O  [Other Firmware Requirements] None  [PCB Requirements] None  [Software category] Normal Release  [Release category] Normal Release  [Program category] Firmware  Exported to(language) CHN(all)  [Firmware No.] D0A01431M  [File Information]  File Name D0A01431M-P01.zip  File Type Module for Service  Size 314.09 MB ( 329342476 byte )
[Program Name] Cheetah_ddi(CHN)  [Version] 1.05  [PCB No.]  [Interchangeability] X / O  [Other Firmware Requirements] None  [PCB Requirements] None  [Software category] Normal Release  [Release category] Normal Release  [Program category] Firmware  Exported to(language) CHN(all)  [Firmware No.] D0A01431M  [File Information]  File Name D0A01431M-P01.zip  File Type Module for Service
[Version] 1.05  [PCB No.]  [Interchangeability] X / O  [Other Firmware Requirements] None  [PCB Requirements] None  [Software category] Normal Release  [Release category] Normal Release  [Program category] Firmware  Exported to(language) CHN(all)  [Firmware No.] D0A01431M  [File Information]  File Name D0A01431M-P01.zip  File Type Module for Service
[Version] 1.05 [PCB No.] [Interchangeability] X / O [Other Firmware Requirements] None [PCB Requirements] None [Software category] Normal Release [Release category] Normal Release [Program category] Firmware  Exported to(language) CHN(all) [Firmware No.] D0A01431M [File Information] File Name D0A01431M-P01.zip File Type Module for Service
[PCB No.]  [Interchangeability] X / O  [Other Firmware Requirements] None  [PCB Requirements] None  [Software category] Normal Release  [Release category] Normal Release  [Program category] Firmware  [Exported to(language) CHN(all)  [Firmware No.] D0A01431M  [File Information]  File Name D0A01431M-P01.zip  File Type Module for Service
[Interchangeability] X / O  [Other Firmware Requirements] None  [PCB Requirements] None  [Software category] Normal Release  [Release category] Normal Release  [Program category] Firmware  Exported to(language) CHN(all) [Firmware No.] D0A01431M [File Information] File Name D0A01431M-P01.zip File Type Module for Service
[PCB Requirements] None  [Software category] Normal Release  [Release category] Normal Release  [Program category] Firmware  Exported to(language) CHN(all) [Firmware No.] D0A01431M [File Information] File Name D0A01431M-P01.zip File Type Module for Service
[PCB Requirements] None  [Software category] Normal Release  [Release category] Normal Release  [Program category] Firmware  Exported to(language) CHN(all)  [Firmware No.] D0A01431M  [File Information]  File Name D0A01431M-P01.zip  File Type Module for Service
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) CHN(all) [Firmware No.] D0A01431M [File Information] File Name D0A01431M-P01.zip File Type Module for Service
[File Information] File Name D0A01431M-P02.zip File Type Module for Service Size 519.26 MB ( 544485915 byte ) [Availability of RFU] No
======================================
*** Note *** ==================================
[Note]
======================================
[Important Notes]

*** Modification History ***	
[Modifications made:] 1st Mass production	
[Modification history]	

*** Basic Information ***
[Create date] 2019/12/26
[Program Name] CTL System
[Version] 1.11
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0A05250W [File Information] File Name D0A05250W.fwu File Type Module for Service Size 165.68 MB ( 173727824 byte ) [File Information] File Name D0A05250W.rfu File Type Module for Remote Upgrade Size 165.69 MB ( 173736192 byte ) [Availability of RFU] Yes
*** Note ***
======================================
======================================
[Important Notes]
======================================

[Modifications made:]

Rank C

Symptom corrected:

- "Select your country" on the initial setup screen has been corrected to "Select your country/region". (English/Chinese)

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[Modification history]

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Version 1.10

Rank C

Symptom corrected:

- Automatic log-out may be functioned and a Copy job may be cancelled in the middle of copying.
- The XSS vulnerability of screens in the Address Book that was pointed out in CVE-2018-15884 has been fixed.
- Ricoh devices already had a countermeasure to protect against the CSRF vulnerability pointed out in CVE-2018-15884.
- When the address book is backed up from an 11S or earlier model and restored to a 14S or later model, SC899 might occur after restoring the address book and restarting the machine.
- When "Application Authentication Settings" is enabled, SC899 might occur after registering or updating an address book over 220 times from Web Image Monitor.
- The machine might stall due to writing internal data at the wrong time.
- The language set for each user may not be applied when logging in during Energy Saving mode.
- Cannot log-in with VM less application during daylight saving time. (Only in the case that the daylight saving time period start at Oct-Dec)
- The minus sign (-) in a PDF file might not be printed via PDF Direct.
- An error might occur when sending mail if the billing code is used with the Card Authentication Package v2.
- If no color-mode selected for the color mode, images are saved in TIFF format even if JPEG format is selected when scanning images via AirPrint or Mopria.
- Folders named with double-byte characters may not be displayed correctly (Missing or Garbled) in Smart Scanner app.
- A hidden folder may be browsed via network with Smart Scanner app.
- The DHCP address renewal request might be discarded when the DHCP server is configured as a failover cluster.

### Other changes:

- The start timing for counting the automatic log-out was changed as follows: Before: the last operation on the touch panel
  - After: completion of the last job
- The default for Network Settings was changed from Wired LAN to Wireless LAN to comply with Energy Star Version 3.
- Supported RICOH SmartSDK v2.60
- Even when the certificate key length for @Remote is set to 512-bit, the device can connect to the firmware download server (for ARFU, SFU, etc.).
- It is now possible to close the following ports with a Telnet command:
  - 111/tcp
  - 111/udp

- 1022/tcp
- 1023/tcp
- 1022/udp
- 1023/udp
- 2049/tcp
- 18315/tcp
- 54080/tcp
- 54443/tcp
- 65000/tcp
- 65001/tcp

Please refer to the RTB (RGene 108a) for more details.

- Added the function to print the fax transmission report.

Version 1.09.1
Rank C

# Symptom corrected:

- When Streamline NX is installed, printing might stall if the file contains pages of mixed size or orientation.
- Double-byte characters of Asian languages such as Japanese, Chinese, and Korean might be missing.
- A locked print job might not be stored on the machine if it is printed using PJL commands.
- When printing a PDF file that contains downloaded fonts, an invalid font error might occur, and the print job might be canceled.
- When printing a PDF file that contains exceptionally small fonts, an invalid font error might occur, and the print job might not be printed correctly.
- PDF files that are generated by certain applications might not print via Direct Print.
- When printing a PDF file that contains circled letters or numbers, the circle itself might be distorted.
- The log time reported to the SmartSDK application might be wrong.
- If the device is abnormally turned off, the collect logs settings might be initialized and the log data might not be transferred after that.

#### Other changes:

- If a firmware package is unpublished (for example, when a bug is discovered after release), it is possible to apply a previous firmware package via ARFU, SFU, and Application Site. (Previously, if a firmware package is unpublished then ARFU, SFU, and Application Site would display an error dialog and the function could not be used.)

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Version 1.08 Rank C

Rank C

#### Symptom corrected:

- Fails to download files from the firmware download center using ARFU.
- SC845-04 might occur in the following situation:
  - 1. Cheetah Firmware Update fails.
- 2. Then, the SD Card is removed, or the supply of electricity is stopped while the machine is recovering via SD Card.

- The machine might stall if it enters energy saving mode during ARFU.
- Only the first page of a fax is printed, and the other pages are not printed under the following conditions:
  - 1. The machine has two trays with different paper sizes.
- 2. The original document was faxed in Banner mode and contained two different paper sizes.(e.g. First page: Banner mode and divided size A4SEF, Second page: A5LEF)
- Scanned image data is now saved to microSD instead of RAM on sGW devices.

#### Other changes:

- A country selection menu has been added to the initial setting for Wireless LAN.
- Only the ad-hoc channels for the selected country are displayed in the initial setting menu for Wireless LAN.
- Support for Google Cloud Print.
- The following values can be set with solution software that uses SOAP I/F.
- "SNMPv3 Setting"
  - SNMPv3 Trap Communication
  - Encryption Algorithm
  - Permit SNMPv3 Communication
- "Program/Change Administrator"
  - Encryption Password
- Added a new feature for the SmartSDK WebAPI.

Version 1.06
Rank B

## Symptom corrected:

- When the SMC List is saved to the SD card as a CSV file, SP7507 (Latest Jam History) is not correctly recorded.
- The fax function might not work if the machine isn't turned off for over 300 days after disabling energy saving mode.
- When conducting Scan to Folder using SMBv2/v3, if the device receives UDP communication from the outside to the port used by SMBv2/v3, Scan to Folder might fail.
- When conducting AirPrint, if port 80/TCP (HTTP) or port 631/TCP (IPP) in the printer is closed, the Apple device cannot find the printer.
- User and SP settings information in the Copy (Classic) application and the Scanner (Classic) application might be cleared after version up or down to specific firmware version.
- The quota notification cannot be displayed on some SmartSDK applications.
- SC899 might occur when scanning with an encryption level other than AES 256 bit.

### Other changes:

- Supported RICOH SmartSDK v2.50.
- PDF/A and Encrypted PDF are now supported file types for scanning.
- The gradation processing used when copying with Photo set to the Original Type has been changed to improve the graininess of the image.

Version 1.05.2 Rank C		

Symptom corrected:

- The machine might reboot automatically if repeatedly rebooted.
- The image might be vertically extended and the upper part missing when faxing via the Remote Fax.
- Both ends of the watermark might be cut off when printing from the V4 driver.
- Some characters might print in the wrong position when printing a PDF containing certain fonts.
- The top and bottom ends might be missing if the size is scaled when PDF printing.
- The scaling might be wrong when printing PDF data that contains the FITTOPAGESIZE command but not PRINTSCALING.
- Linux print jobs in Stored Print might be canceled.
- Pages printed as a booklet might be centered incorrectly.
- With booklet printing or N-Up printing, the scaling ratio might be wrong.
- Characters might become too thick if the transparency is specified.
- When printing a PDF with a specific command, an invalidfont error might occur.
- Some Symbolic fonts in a PDF might not print correctly.
- The image might be rotated 180 degrees when printing Landscape document via the SmartSDK.
- Some Type 0 fonts in a PDF might not print correctly.
- The user might not be able to log in if the machine repeatedly enters and exits Energy Saver Mode.
- If log tracing on Web Image Monitor is cancelled just after using the function, the machine enters into off-line mode.
- The device might fail to obtain the fax transmission result using FTP.
- The device might freeze during data transmission when conducting Scan to Folder with SMBv2/v3.
- When conducting Scan to Folder in a high-load network environment, the device's status gets stuck on sending and the scanner becomes unusable.
- Printing job might hang after recovering from a paper feed error.
- Fixed a SmartSDK WebAPI bug with serverless transfer requests for device logs.

### Other changes:

1st Mass production

- Supported RICOH SmartSDK v2.50.
- When using "Enhanced Print Volume Use Limitation" in a SmartSDK application and "Tracking Permission" and "Stop Printing" are enabled, the "Print Volume Use" pop-up window is not displayed.

enabled, the "Print Volume Use" pop-up window is not displayed.
Version 1.04.3 Rank C
Other changes: The version was upgraded for firmware management purpose on the server. No changes made to the firmware.
Version 1.04.2 Rank D

*** Basic Information ***
[Create date] 2018/07/20
[Program Name] LegacyUI
[Version] 1.02
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(ja,en,f,e,d,i,nl,s,n,dk,sf,p,pl,h,cz,ru,sc,tc,kr,br,tr,ca,gr) [Firmware No.] D0AB1411H_forEDC [File Information] File Name
[Production reflection]
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2018/07/26
[Program Name] FaxInfoWidget
[Version] 300.08
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1415C [File Information] File Name D0AB1415C.zip File Type Module for Service Size 0.25 MB ( 265060 byte ) [Availability of RFU] No
[Production reflection] 2018/07
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

Modifications made:] st Mass production	====
Modification history]	

*** Basic Information ***
[Create date] 2018/07/23
[Program Name] SimpleCopy
[Version] 1.01
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1422G_forEDC [File Information] File Name
[Production reflection] 2018/01
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2018/07/23
[Program Name] SimpleScan
[Version] 1.02
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1423H_forEDC [File Information] File Name
[Production reflection] 2018/05
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2018/07/23
[Program Name] SimpleFAX
[Version] 2.01
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1424G_forEDC [File Information] File Name D0AB1424G_forEDC.zip File Type Module for Service Size 2.02 MB ( 2119273 byte ) [Availability of RFU] No
[Production reflection] 2018/01
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***	=======================================
[Create date] 2018/07/20	
[Program Name] BluetoothService	
[Version] 1.00	
[PCB No.]	
[Interchangeability] X / O	
[Other Firmware Requirements] None	
[PCB Requirements] None	
[Software category] Normal Release	
[Release category] Normal Release	
[Program category] Firmware	
Exported to(language) GEN(all) [Firmware No.] D0AB1425A_forEDC [File Information] File Name D0AB1425A_forEDC.zip File Type Module for Service Size 0.30 MB ( 311299 byte ) [Availability of RFU] No	
[Production reflection] 1st Mass Production	
*** Note ***	
[Note]	=======================================
*** Important Notes ***	=======================================
[Important Notes]	
*** Modification History ***	

*** Basic Information ***	======
[Create date] 2018/07/20	======
[Program Name] ProgramInfoService	
[Version] 1.17.3	
[PCB No.]	
[Interchangeability] X / O	
[Other Firmware Requirements] None	
[PCB Requirements] None	
[Software category] Normal Release	
[Release category] Normal Release	
[Program category] Firmware	
Exported to(language) GEN(all) [Firmware No.] D0AB1426_forEDC [File Information] File Name D0AB1426_forEDC.zip File Type Module for Service Size 0.54 MB ( 569466 byte ) [Availability of RFU] No	
[Production reflection] 2017/08	
*** Note ***	
[Note]	=====
*** Important Notes ***	======
[Important Notes]	======
*** Modification History ***	======

*** Basic Information ***
[Create date] 2018/07/20
[Program Name] PrinterInfo
[Version] 1.01
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1427G_forEDC [File Information] File Name D0AB1427G_forEDC.zip File Type Module for Service Size 0.98 MB ( 1028572 byte ) [Availability of RFU] No
[Production reflection] 2018/01
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2018/07/23
[Program Name] SmartCopy
[Version] 1.01
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1428G_forEDC [File Information] File Name D0AB1428G_forEDC.zip File Type Module for Service Size 7.86 MB ( 8243623 byte ) [Availability of RFU] No
[Production reflection] 2018/01
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2018/07/23
[Program Name] SmartScan
[Version] 1.01
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1429G_forEDC [File Information] File Name D0AB1429G_forEDC.zip File Type Module for Service Size 8.24 MB ( 8645247 byte ) [Availability of RFU] No
[Production reflection] 2018/01
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2018/07/23
[Program Name] SmartFAX
[Version] 3.01
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1430G_forEDC [File Information] File Name D0AB1430G_forEDC.zip File Type Module for Service Size 3.70 MB ( 3875870 byte ) [Availability of RFU] No
[Production reflection] 2018/01
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2018/08/20
[Program Name] MeidaPrtScn
[Version] 1.01
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1431G_forEDC [File Information] File Name D0AB1431G_forEDC.zip File Type Module for Service Size 4.06 MB ( 4256009 byte ) [Availability of RFU] No
[Production reflection] 2018/07
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

[Modifications made:] Rank C
Symptom corrected: - A document scanned as a PDF/A file is saved as a PDF file.
[Modification history]
Version 1.00.1 1st Mass production

*** Basic Information ***
[Create date] 2018/07/20
[Program Name] PrinterSJob
[Version] 1.02
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1432G_forEDC [File Information] File Name D0AB1432G_forEDC.zip File Type Module for Service Size 1.25 MB ( 1314126 byte ) [Availability of RFU] No
[Production reflection] 2018/05
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2018/07/20
[Program Name] BLEPlugin
[Version] 3.0.0
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1434A_forEDC [File Information] File Name D0AB1434A_forEDC.zip File Type Module for Service Size 1.26 MB ( 1319289 byte ) [Availability of RFU] No
[Production reflection] 2017/08
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2018/07/20
[Program Name] Cloud Fax
[Version] 1.02
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1437H_forEDC [File Information] File Name
[Production reflection] 2018/01
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***	====
[Create date] 2018/07/20	====
[Program Name] ID Card Copy	
[Version] 1.0.1	
[PCB No.]	
[Interchangeability] X / O	
[Other Firmware Requirements] None	
[PCB Requirements] None	
[Software category] Normal Release	
[Release category] Normal Release	
[Program category] Firmware	
Exported to(language) GEN(all) [Firmware No.] D0AB1438F_forEDC [File Information] File Name D0AB1438F_forEDC.zip File Type Module for Service Size 7.59 MB (7962743 byte) [Availability of RFU] No	
[Production reflection] 2017/11	
*** Note ***	====
[Note]	====
*** Important Notes ***	====
[Important Notes]	====
*** Modification History ***	====

*** Basic Information ***	===
[Create date] 2018/07/20	:==
[Program Name] ID Card Scan and Copy	
[Version] 1.0.5	
[PCB No.]	
[Interchangeability] X / O	
[Other Firmware Requirements] Exist	
[PCB Requirements] None	
[Software category] Normal Release	
[Release category] Normal Release	
[Program category] Firmware	
Exported to(language) GEN(all) [Firmware No.] D0AB1439F_forEDC [File Information] File Name	
[Production reflection] 2017/11	
*** Note ***	
[Note]	
	-==
*** Important Notes ***	
[Important Notes]	
*** Modification History ***	

*** Basic Information ***	
[Create date] 2018/07/23	
[Program Name] Scan to Folder Helper	
[Version] 1.0.4	
[PCB No.]	
[Interchangeability] X / O	
[Other Firmware Requirements] Exist	
[PCB Requirements] None	
[Software category] Normal Release	
[Release category] Normal Release	
[Program category] Firmware	
Exported to(language) GEN(all) [Firmware No.] D0AB1440F_forEDC [File Information] File Name D0AB1440F_forEDC.zip File Type Module for Service Size 2.74 MB ( 2868811 byte ) [Availability of RFU] No	
[Production reflection] 2017/11	
*** Note ***	=======================================
[Note]	
*** Important Notes ***	
[Important Notes]	
*** Modification History ***	

*** Basic Information ***
[Create date] 2018/08/24
[Program Name] CheetahSystem
[Version] 1.04
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) CHN(all) [Firmware No.] D0AB1447K [File Information] File Name D0AB1447K.zip File Type Module for Service Size 198.22 MB ( 207851936 byte ) [Availability of RFU] No
[Production reflection] 2018/08
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

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## [Modifications made:]

Rank C

## Symptom corrected:

- Fixed CVE-2017-13077, CVE-2017-0781, CVE-2017-0785.
- Fixed CVE-2017-13078, CVE-2017-13079, CVE-2017-13080, CVE-2017-13081, CVE-2017-13087, and CVE-2017-13088.
- Data transfer via a proxy might stop when logging out because the proxy connection will be interrupted.
- When the screen language is not set to English and the "ID Card Feeder Instruction Screen" is enabled (default setting in System Settings), the "Instructions to use the ID Card Feeder" pop-up will be displayed in English when inserting an ID card into the ID card feeder.
- The machine might stall if the widgets reboot during a firmware update.
- Installer will crash in situations where updating via Application Site is failed.

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[Modification history]

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Version 1.03 1st Mass production

*** Basic Information ***
[Create date] 2018/07/20
[Program Name] QuickCardAuth
[Version] 3.00.05
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1448C_forEDC [File Information] File Name D0AB1448C_forEDC.zip File Type Module for Service Size 1.66 MB ( 1741635 byte ) [Availability of RFU] No
[Production reflection] 2017/08
*** Note ***
[Note]
======================================
[Important Notes]
*** Modification History ***
TYTOGITICALIOH THISTOLY

*** Basic Information ***	=====
[Create date] 2018/07/20	
[Program Name] CSPF	
[Version] 2.02.00	
[PCB No.]	
[Interchangeability] X / O	
[Other Firmware Requirements] None	
[PCB Requirements] None	
[Software category] Normal Release	
[Release category] Normal Release	
[Program category] Firmware	
Exported to(language) GEN(all) [Firmware No.] D0AB1449_forEDC [File Information] File Name D0AB1449_forEDC.zip File Type Module for Service Size 0.33 MB ( 344925 byte ) [Availability of RFU] No	
[Production reflection] 2016/12	
*** Note ***	====
[Note]	====
*** Important Notes ***	
[Important Notes]	====
*** Modification History ***	-===

*** Basic Information ***	
[Create date] 2018/07/20	=======================================
[Program Name] QRCodeforSDC	
[Version] 3.0.0	
[PCB No.]	<del></del>
[Interchangeability] X / O	<del></del>
[Other Firmware Requirements] None	
[PCB Requirements] None	
[Software category] Normal Release	
[Release category] Normal Release	
[Program category] Firmware	
Exported to(language) GEN(all) [Firmware No.] D0AB1450D_forEDC [File Information] File Name D0AB1450D_forEDC.zip File Type Module for Service Size 0.90 MB ( 947297 byte ) [Availability of RFU] No	
[Production reflection] 2017/08	
*** Note ***	=======================================
[Note]	
*** Important Notes ***	
[Important Notes]	
*** Modification History ***	

*** Basic Information ***
[Create date] 2018/07/20
[Program Name] Application Site
[Version] 2.00.00
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1452C_forEDC [File Information] File Name D0AB1452C_forEDC.zip File Type Module for Service Size 0.64 MB ( 673256 byte ) [Availability of RFU] No
[Production reflection] 2017/08
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

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1st Mass production			
[Modification history]	 		

*** Basic Information ***
[Create date] 2018/07/20
[Program Name] ICCardDispatcher
[Version] 3.00.01
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1453A_forEDC [File Information] File Name D0AB1453A_forEDC.zip File Type Module for Service Size 0.34 MB ( 351710 byte ) [Availability of RFU] No
[Production reflection] 2017/08
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***	
[Create date] 2018/07/20	
[Program Name] NFCPlugin	
[Version] 3.00.01	
[PCB No.]	
[Interchangeability] X / O	
[Other Firmware Requirements] None	
[PCB Requirements] None	
[Software category] Normal Release	
[Release category] Normal Release	
[Program category] Firmware	
Exported to(language) GEN(all) [Firmware No.] D0AB1454A_forEDC [File Information] File Name D0AB1454A_forEDC.zip File Type Module for Service Size 0.03 MB ( 36534 byte ) [Availability of RFU] No	
[Production reflection] 2017/08	
*** Note ***	
[Note]	
*** Important Notes ***	
[Important Notes]	
*** Modification History ***	=======================================

*** Basic Information ***
[Create date] 2018/07/20
[Program Name] USBCardPlugin
[Version] 3.00.01
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1455A_forEDC [File Information] File Name D0AB1455A_forEDC.zip File Type Module for Service Size 0.04 MB ( 38908 byte ) [Availability of RFU] No
[Production reflection] 2017/08
*** Note ***
[Note]
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[Important Notes]
*** Modification History ***

*** Basic Information ***	===
[Create date] 2018/08/24	===
[Program Name] CheetahSystem	
[Version] 1.04	
[PCB No.]	
[Interchangeability] X / O	
[Other Firmware Requirements] None	
[PCB Requirements] None	
[Software category] Normal Release	
[Release category] Normal Release	
[Program category] Firmware	
Exported to(language) GEN(all) [Firmware No.] D0AB1456J [File Information] File Name D0AB1456J.zip File Type Module for Service Size 197.18 MB ( 206761976 byte ) [Availability of RFU] No	
[Production reflection] 2018/08	
*** Note ***	
[Note]	===
*** Important Notes ***	
[Important Notes]	
*** Modification History ***	

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## [Modifications made:]

Rank C

## Symptom corrected:

- Fixed CVE-2017-13077, CVE-2017-0781, CVE-2017-0785.
- Fixed CVE-2017-13078, CVE-2017-13079, CVE-2017-13080, CVE-2017-13081, CVE-2017-13087, and CVE-2017-13088.
- Data transfer via a proxy might stop when logging out because the proxy connection will be interrupted.
- When the screen language is not set to English and the "ID Card Feeder Instruction Screen" is enabled (default setting in System Settings), the "Instructions to use the ID Card Feeder" pop-up will be displayed in English when inserting an ID card into the ID card feeder.
- The machine might stall if the widgets reboot during a firmware update.
- Installer will crash in situations where updating via Application Site is failed.

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[Modification history]

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Version 1.03 1st Mass production

*** Basic Information ***
[Create date] 2018/07/20
[Program Name] HelpService
[Version] 2.00
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1471_forEDC [File Information] File Name D0AB1471_forEDC.zip File Type Module for Service Size 0.20 MB ( 208862 byte ) [Availability of RFU] No
[Production reflection] 2018/01
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2018/08/06
[Program Name] LanguageWidget
[Version] 300.09
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1413D [File Information] File Name D0AB1413D.zip File Type Module for Service Size 0.20 MB ( 208408 byte ) [Availability of RFU] No
[Production reflection] 2018/07
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2018/08/06
[Program Name] TonerWidget
[Version] 300.04
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1414A [File Information] File Name D0AB1414A.zip File Type Module for Service Size 0.60 MB ( 624910 byte ) [Availability of RFU] No
[Production reflection] 2018/07
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2018/08/03
[Program Name] StopKeyWidget
[Version] 300.07
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1416B [File Information] File Name D0AB1416B.zip File Type Module for Service Size 0.26 MB ( 271255 byte ) [Availability of RFU] No
[Production reflection] 2017/06
*** Note ***
[Note]
*** Important Notes *** ==================================
[Important Notes]
*** Modification History ***

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[Modification history]			

*** Basic Information ***
[Create date] 2018/08/08
[Program Name] SimpleWFD
[Version] 1.00
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1435E [File Information] File Name D0AB1435E.zip File Type Module for Service Size 0.85 MB ( 889472 byte ) [Availability of RFU] No
[Production reflection] 1st Mass Production
*** Note ***
[Note]
*** Important Notes ***
[Important Notes]
*** Modification History ***

*** Basic Information ***
[Create date] 2019/12/26
[Program Name] InstSetting
[Version] 1.01
[PCB No.]
[Interchangeability] X / O
[Other Firmware Requirements] None
[PCB Requirements] None
[Software category] Normal Release
[Release category] Normal Release
[Program category] Firmware
Exported to(language) GEN(all) [Firmware No.] D0AB1436G [File Information] File Name D0AB1436G.zip File Type Module for Service Size 1.42 MB ( 1488385 byte ) [Availability of RFU] No
[Production reflection] 2019/12
*** Note ***
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*** Important Notes ***
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*** Modification History ***
[Modifications made:] Rank C

Symptom corrected: - "Select your country" on the initial setup screen has been corrected to "Select your country/region". (English/Chinese)
[Modification history]
Version 1.00 1st Mass production