****** Release Note for TWAIN Driver *****

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Version 21.4.0.3 -> 21.4.0.4

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1.   Update for a specific use for KV-S6120 series.

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Version 21.3.0.3 -> 21.4.0.3

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1.   Improve the message display when all documents are removed by Blank Page Removal or other function.

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Version 21.2.0.1 -> 21.3.0.3

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1.   To support the models below.
     KV-S6120, KV-S6110, KV-S6100

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Version 21.1.0.4 -> 21.2.0.1

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1.   Update for improving security.
     The permissions of the folder where executable files are installed are changed to Read-only for general
     users.

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Version 21.1.0.3 -> 21.1.0.4

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1.   (Fix) Some minor bugs are fixed.

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Version 21.1.0.3 (updated 5/Aug/2020)

(Fix)

1.   To fix the following [Device Driver] problem:
     [Device Driver] Version 20 (updated 5/Aug/2020)
       1.   To fix the following problem:
            In the installation after 1/Aug/2020, the scanner may be unrecognized due to the device driver

installation failure.

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Version 21.1.0.2 -> 21.1.0.3
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1. (Fix) Scanning from flatbed may not finish correctly on the settings that "Document Number" printing with imprinter is ON and "Continuous Scanning Mode" is ON.


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Version 21.0.0.8 -> 21.1.0.2
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1. The types selected in the default barcode settings has been changed.
    An All Clear button and a Default button have been added to the Barcode Type Settings.


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Version 20.2.0.3 -> 21.0.0.8
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1. To support the models below.
    KV-S5078Y, KV-S5058,
    KV-SL5100 MK2 / KV-SL5096 MK2 / KV-SL5095 MK2 / KV-SL5086 MK2 / KV-SL5085 MK2
2. Add the following functions.
    - Faint Character Enhancement
    - Output Document Number in Imprinter / Digital Imprinter


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Version 20.1.0.0 -> 20.2.0.3
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1. Add the below languages for Automatic-Orientation function.
    [Slovenian]


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Version 20.0.0.3 -> 20.1.0.0
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1. To support the models below.
    KV-SL1077 MK2
2. To support the operating system.
     Add "Windows Server 2019"

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Version 19.0.0.2 -> 20.0.0.3

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1. Add the following functions.

    - Support "ADF Simplex (Back)" for Paper Source.

    - Support 50dpi for Resolution.

    - Support 2/3 for Rate with Binary Image in MultiStream Resolution.

    - Support 2/3 for Rate with Binary Image in Automatic Binary/Color Distinction Resolution.

    - Support Deskew function on setting the document's scanning area.

    - Add the following size in Paper Size.

        Executive, B5(ISO), B6(ISO), C5, C6

    - Add "Extension Mode" function in Digital Imprinter.

        Enable to print characters other than upper/lowercase letters, numbers, and symbols or

        to print character strings horizontally

    - Change the default scan settings.

        Dynamic Threshold: OFF -> ON

        Automatic Image Orientation: OFF -> ON (for US region only)

    - Add Simple Dialog.

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Version 18.6.0.1 -> 19.0.0.2

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1. Add the below languages for Automatic-Orientation function.

    [Czech], [Hungarian], [Romanian], [Croatian], [Greek] , [Vietnamese] , [Thai]

    - Note -

    For using [Greek] and [Thai] languages on [Automatic-Orientation] function, it requires [OCR Engine] ver.

    2.9 or later.

2. To support the models below.

    KV-SL1066 MK2, KV-SL1056 MK2, KV-SL1055 MK2, KV-SL1036 MK2, KV-SL1035 MK2

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Version 18.5.0.1 -> 18.6.0.1

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1. Update for a specific use.

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Version 18.3.0.0 -> 18.5.0.1

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1. To add "Datamatrix" in the recognizable Barcode type.

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Version 18.2.0.6 -> 18.3.0.0

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1. To add "Aztec" in the recognizable Barcode type.

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Version 18.1.0.2 -> 18.2.0.6

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1. To support the models below.

    KV-N1058X, KV-N1028X, KV-N1058Y, KV-N1028Y

2. (Fix) Canceling for scanning from an application may not work correctly.

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Version 18.1.0.1 -> 18.1.0.2

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1. To support the models below.

    KV-S1037X

2. (Fix) For network models, TWAIN driver might not identify the scanner with USB when connecting with USB at first time to scanner which has already been connected via network.

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Version 17.0.0.11 -> 18.1.0.1

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1. To support the models below.

    KV-S1058Y, KV-S1057C MK2, KV-S1028Y, KV-S1027C MK2,
    KV-S1038, KV-S1037, KV-S1026C MK2

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Version 16.1.0.1 -> 17.0.0.11

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1. To support the models below.

    KV-SL3066, KV-SL3056, KV-SL3055, KV-SL3036, KV-SL3035

2. To support the operating system.

    Add "Windows Server 2016"

3. Added a Data Printing character string (%XD) for Imprinter and Digital Imprinter function.

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Version 15.0.0.14 -> 16.1.0.1

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1. To support the models below.

    KV-S8150, KV-S8147, KV-S8130, KV-S8127, KV-S8120

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Version 14.3.0.1 -> 15.0.0.14

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1. To support the models below.

    KV-S7097, KV-S7077

    KV-SL5100, KV-SL5096, KV-SL5095, KV-SL5086, KV-SL5085

2. [Increment timing] is now added to the [digital imprinter] function.

3. Added a digital imprinter support models below.

    KV-S7097, KV-S7077

    KV-S7075C

    KV-S5055C

    KV-S5076H, KV-S5046H

    KV-S4085CW, KV-S4085CL, KV-S4065CW, KV-S4065CL

    KV-S1065C, KV-S1046C

    KV-S1057C, KV-S1027C

    KV-S1045C

    KV-S1026C, KV-S1015C

    KV-S1025C

    KV-SL5100, KV-SL5096, KV-SL5095, KV-SL5086, KV-SL5085

    KV-SL1066, KV-SL1056, KV-SL1055, KV-SL1036, KV-SL1035

4. To support with bearer bar in barcode types of ITF.

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Version 14.1.0.0 -> 14.3.0.1

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1. Add the below languages for Automatic-Orientation function.

    [Polish], [Dutch], [Danish], [Swedish], [Portuguese]

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Version 13.2.0.1 -> 14.1.0.0

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1. The installer includes following twain drivers

    KV-S7075C,

    KV-S5076H, KV-S5046H,

    KV-S5055C,

    KV-S4085CW, KV-S4085CL, KV-S4065CW, KV-S4065CL,

    KV-S2087,

    KV-S1065C, KV-S1046C,

    KV-S1057C, KV-S1027C,

    KV-SL1066, KV-SL1056, KV-SL1055, KV-SL1036, KV-SL1035,

    KV-S1045C,

    KV-S1026C, KV-S1015C,

    KV-S1025C

2. To support the operating system.

    Add "Windows 10 "

3. Change the default scan settings.

    -Deskew: OFF -> ON

    -Automatic Crop: OFF -> ON

4. Change the length of Margin 10mm to 14mm for KV-S1026C and KV-1015C.

    The supported firmware is needed.

5. (Fix) The LoadLibrary error occurs in the specific application.

6. (Fix) The memory error occurs in the specific application for following model.

    KV-S1057C, KV-1027C,

    KV-SL1066, KV-SL1056, KV-SL1055, KV-SL1036, KV-SL1035

7. (Fix) The parameter error (ID:3026) occurs scanning with following settings at the same time.

    - ADF Duplex

    - Black and White (Dynamic Threshold)

    - Deskew

    - Smoothing

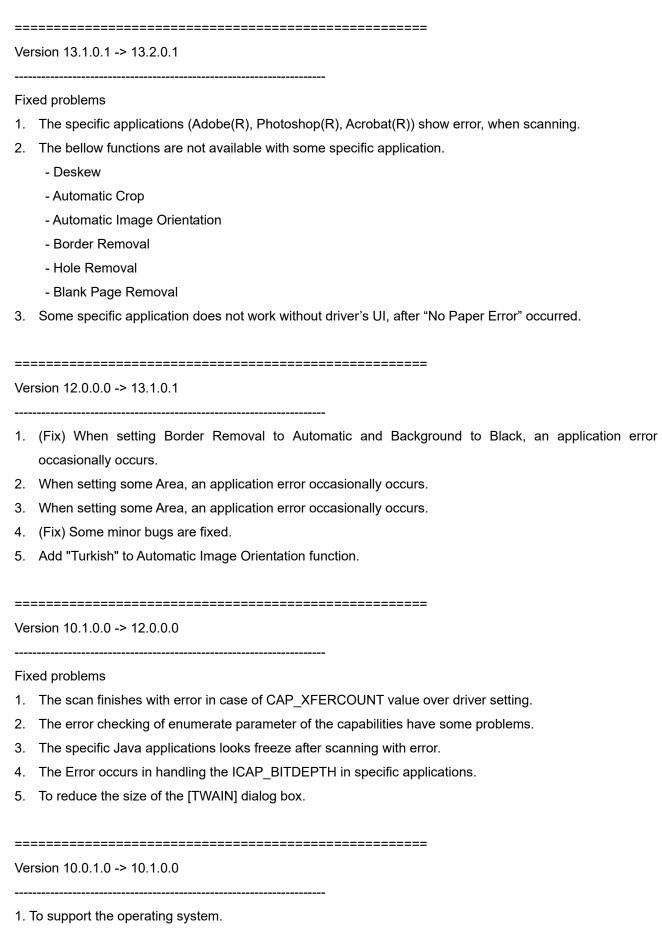   The related models are as follows:

    KV-S7075C,

    KV-S5055C,

    KV-S1065C, KV-S1046C,

    KV-S1025C,

    KV-S1045C

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Version 13.1.0.1 -> 13.2.0.1

Fixed problems

1. The specific applications (Adobe(R), Photoshop(R), Acrobat(R)) show error, when scanning.

2. The bellow functions are not available with some specific application.

    - Deskew

    - Automatic Crop

    - Automatic Image Orientation

    - Border Removal

    - Hole Removal

    - Blank Page Removal

3. Some specific application does not work without driver's UI, after "No Paper Error" occurred.

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Version 12.0.0.0 -> 13.1.0.1
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1. (Fix) When setting Border Removal to Automatic and Background to Black, an application error occasionally occurs.

2. When setting some Area, an application error occasionally occurs.

3. When setting some Area, an application error occasionally occurs.

4. (Fix) Some minor bugs are fixed.

5. Add "Turkish" to Automatic Image Orientation function.

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Version 10.1.0.0 -> 12.0.0.0

Fixed problems

1. The scan finishes with error in case of CAP_XFERCOUNT value over driver setting.

2. The error checking of enumerate parameter of the capabilities have some problems.

3. The specific Java applications looks freeze after scanning with error.

4. The Error occurs in handling the ICAP_BITDEPTH in specific applications.

5. To reduce the size of the [TWAIN] dialog box.

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Version 10.0.1.0 -> 10.1.0.0
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1. To support the operating system.

    Add "Windows XP 64bit", "Windows Server 2003", "Windows Server 2008", "Windows Server 2012"

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TWAIN Driver Version 10.0.1.0

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1. To add the scan page counter to scanning UI

2. Correction of errors in the French error message

3. To be able to start to scan again after jam error

4. Improvement of angular accuracy of Deskew