



FIS/fci Release Highlights 2019

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1 Introduction

Many procedures in the FCI have been revised and optimized with the 2019 release. At the centre a new architecture has been included to more efficiently integrate recognition engines into the product. In addition, many new features have been added in the 2019 release. There are new features for E-Inbox, PDF Detection, and Correction that make working more efficient and secure.

2 QR (i.e. Two Dimensional Bar-Code) code Switzerland

The new QR code procedure is supported for processing Swiss payment forms. In the FIS/fci Importer module, the QR code is read out and made available to the application.



3 Customized help system for correction

In the FIS FCI correction application, a balloon help or F1 help can be customized. In the application, help texts are filed by field, which are then displayed.

4 Custom Extensions in the Exporter

A new feature can be integrated into the Exporter module and allows specific actions to be taken when exporting to a batch. As an example, the image will be sent, statistics will be included additional exports will be started.

The feature is available both for web export and file export.

5 UTC – Time handling

The server time can be set to UTC. The System Management console, SMC, and adjusts the time stamp to the valid time zone according to summer and winter time. Scanning in different time zones allows for unambiguous management.

6 Optimization of the detection methods

Qualitative improvement of document recognition through optimized algorithms in the engines.

7 Authentication procedure in the IME

An additional authentication procedure is implemented into the FSI/fci e-mail module. This is determined automatically by default. The new feature also enables communication with mail servers in addition to exchange-server, lotus-notes server, outlook.office365.com, gmail-accounts.

8 Filtering foreign emails

The FIS/fci e-mail module rejects empty PDFs, invalid PDFs, corrupt PDFs, or password-protected PDFs. In this case, a message is sent to the administrator.

9 Plain text notification messages

In addition to the possibility to send HTML-based mails, plain text messages are now also possible.

10 New PDF features

Colored PDF are saved in a reduced format to increase processing speed.

The conversion and text extraction enhancements have been newly implemented. To optimize the recognition, the OCR recognition of the PDF image is compared with the text extraction.

11 Fluent FTP

Change to new FTP client. When communication is aborted, restarts can now be initiated. In the previous FTP solution, the help of an administrator was often required when the communication was aborted.



12 New statistics in the LCM

For each document, the validation status (fully validated, deleted, for checking etc) is now logged in the LCM (Life Cycle Manager). Therefore, statistical evaluation can be made by third parties.

13 Security Update XML

Transition to MSXML 6.0.

14 Layout optimization correction

The table position in the FIS/fci COR validation tool can now be adapted to the window size, the COR mask size or the new image width. Therefore, the important field contents can be viewed without scrolling.

15 Dynamic table layout in the correction

Columns can be shown and hidden dynamically in the table. This allows different data constellations to be mapped in the same correction.

16 Additional tables in the correction

In addition to the standard tables, further tables can now be displayed in the COR validation tool.

17. Additional OCR Engine

The new release offers three OCR Recognition engines:

- ABBYY FineReader
- Kadmos
- Tesseract

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