Brainware Intelligent Capture

Release Notes

Version: Foundation EP1

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Date: Tuesday, January 14, 2025

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Brainware Intelligent Capture Foundation EP1 Release (July 2020)

This release includes the following versions.

- Brainware Intelligent Capture Foundation EP1

New Features

This release provides the following new features.

BIC

- This version introduces the new **Brainware Intelligent Capture Core Service**.

  The service is required for BIC's shared license management.

  For more information, see "About the Brainware Intelligent Capture Core Service" in the *Brainware Intelligent Capture Installation Guide*.

- BIC now supports **TLS 1.2**.

Oracle

- BIC now supports Oracle 19c.

Designer

- This version introduces the new **CloudOCR** engine, which uses Microsoft's Computer Vision API to recognize hand written, printed, and mixed English text.

  For more information, see "Recognition techniques and engines - CloudOCR Engine" in the *Brainware Intelligent Capture Designer Help*.

Verifier

- Verifier now provides the ability to classify or reclassify a document in the Document List view.

  For more information, see "Classify or Reclassify a Document" in the *Brainware Intelligent Capture Verifier Help*.

Logging

- BIC now provides the ability to configure the logging level, location, and retention time for application log files.

  For more information, see "About logging" in the *Brainware Intelligent Capture Installation Guide*.

Enhancements

This release provides the following enhancements.

PDF Processing

- The default binarization algorithm for image PDF files has been modified to improve binarization results.

Runtime License

- The shared license information is now stored in the Brainware Intelligent Capture database instead of the file system.

Verifier

- Verifier users no longer need local system admin access.

Database Update Scripts for Oracle and SQL Server

- The database upgrade scripts have been updated so that no manual modification is needed before execution.

  For more information, see "Update the SQL Server Database Schema" or "Update the Oracle Database Schema" in the *Brainware Intelligent Capture Update Guide*.

Fixed Defects

This release includes the following fixed defects.

BIC

- **TFS 25661 / Support case ID 1411119** : Resolved an issue where no user could retrieve the batch list in any application after importing a script-based user with a blank username.

Licensing

- **TFS 11693**: Resolved an issue where the licensing counters *Imported Pages per Day* and *Overall Imported Pages* were not incremented properly.

PDF Processing

- **TFS 11890**: Resolved an issue where most decimal points were lost when PDF documents were imported as type CIDoc and converted to TIF G4.

- **TFS 24200**: Resolved an issue where the '1' character was sometimes removed while importing and OCRing a PDF file.

- **TFS 25068 / Support case ID 1321929**: Resolved an issue where, under certain circumstances, a logo was not displayed in the binarized image after importing a PDF file.

Database

- **TFS 11882**: Resolved the following issues.

    - The database update scripts for both SQL Server and Oracle unnecessarily logged error messages. These had no impact on the system.
    - German umlauts (ä, ö, ü) that appear in error messages of the database update script have been replaced by junk characters, such as ï,¿,½, or Ã. This issue was only visible on German operating systems and had no impact on the update functionality.
    - When executing the file **Register Application.bat** in a command prompt, the `@echo off` command was not taken into account.

The following issues apply to customers using Oracle 11g R2 only.

- **TFS 25110**: Resolved an issue where users could not authenticate after upgrading to BIC 5.9.1.
- **TFS 25133**: Brainware API was not functional with Oracle 11g R2. This issue has been resolved.

Runtime Server

- **TFS 25117**: Resolved an issue where Runtime Server may have stopped working sporadically when performing classification with Threshold and / or Distance set to 0.

Web Verifier

- **TFS 11302**: Resolved an issue where the user preference selected after completing the validation of a batch was not applied to subsequent batches.
- **TFS 25751**: Resolved an issue where the text box focus was set incorrectly.

Deprecated features

CB-27610: The creation of an Oracle database with the BIC EP1 installation wizard is no longer possible. If a new BIC database is required on Oracle, please refer to the Brainware Intelligent Capture Installation Guide for details on manual database installation.

BIC Patch Release Updates

This section contains information on the patch releases of BIC Foundation EP1 and their updates.

Date	Build	Description	Folder Name
12-July-24	6004	This patch upgrades the include libcurl component to version 8.8.0.	Brainware Foundation EP1 Hot Patch 6004
7-Dec-22	6003	This patch allows for usage of Chrome version 108 and later.	Brainware_Foundation_ EP1_Hot_Patch_Build_ 6003.zip

Date	Build	Description	Folder Name
8-Jul-20	C36186	Kadmos5 Server Edition allows multiple users or instances to process documents concurrently.	Kadmos5 Server Edition Add-on Version 5.0p Build C35186.zip