



Version 5.2.1

ibml Capture Suite Release Notes

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User Interface Supports: English, German, French, and Spanish.

Minimum Base Software Versions	Minimum Feature/Option Related Software Versions
<ul style="list-style-type: none"> • Minimum ibml Scanner Manager version 7.1.0 or greater • Minimum TWAIN Manager version 6.8.0 or greater 	<ul style="list-style-type: none"> • Minimum ibml Image Quality Analysis Service (IQAS) version 1.0.2 • Minimum DocNetics 5.8.0 or greater <ul style="list-style-type: none"> • ICR: Version 20.4 • IBR: Version 2018.4.5895; SDK 5.1.2 • Minimum Legacy DIRU version 2.1.1 or greater

*See Enhancements table below for any additional minimum version requirements.

This release was tested with the following Operating Systems:

<ul style="list-style-type: none"> • Windows 10 22H2 Build 19045.2364 • Security Updates (Microsoft KB numbers) tested with this release; KB5021233; KB5021088 	<ul style="list-style-type: none"> • Windows 11 Pro 22H2 Build 22621.963 • Security Updates (Microsoft KB numbers) tested with this release; KB5021234; KB5021090. 	<ul style="list-style-type: none"> • Windows Server 2022 Standard 22H2
<ul style="list-style-type: none"> • Windows Server 2019 • Security Updates (Microsoft KB numbers) tested with this release; KB5022286; KB5021085. 	<ul style="list-style-type: none"> • Windows Server 2016 • Security Updates (Microsoft KB numbers) tested with this release; KB5022289; KB5020873. 	<ul style="list-style-type: none"> • Windows Server 2012 • Security Updates (Microsoft KB numbers) tested with this release; KB5022352; KB5021294 .

* KB numbers included are obtained from Microsoft using Microsoft Update. This list may not represent what Microsoft Update installs for your host computer. Reference Microsoft Windows release health information - [United States](#); [United Kingdom](#); [Deutsch](#); [Español](#)

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Notices or Considerations

- FoxIt PDF Compressor install or upgrades: If a reboot is pending on the computer for any reason, such as a previous installation, you must first restart the system **before** running Setup.
 - If after an install or upgrade, the PDF Output (PostScan Processing) does not produce files, this may be due to an undetected pending reboot on the computer. To address this, reboot the computer then reinstall Capture Suite installer.
- For PostScan Processing: What solution is needed when the following message is displayed, "[Error] System.InvalidOperationException: The 'Microsoft.ACE.OLEDB.12.0' provider is not registered on the local machine."
 - Install the `AccessDatabaseEngine.exe` that is provided along with the Capture Suite installation files.
 - This must be installed on all computers using PostScan Processes.

Enhancements

The following enhancements were made in this release:

Name	Module Name	Changes Minimum Version Requirements	Internal ibml Number
When a user clicks "Download Support Files" using the FADGI test dialog, this release supports including the FADGI profile used during the FADGI test.	FADGI Testing	Requires version 1.0.5 of Image Quality Analysis Service (IQAS)	58783

Known Issues

We are aware of the following issues and are either working to correct them or, for some items, serves as work around solutions. We apologize for the inconvenience. If you have an issue that is not listed, please contact us. Help desk information can be found at <http://www.imagetracsupport.com>

Case Number (if applicable)	Internal ibml Number	SCS Module	Description
	58439	Microsoft Windows 11	<p>Reported Issue: In Windows 11 (22H2) file, folder, and storage - The Browse Dialog only displaying the Desktop folder and does not allow access to any folder outside of the Desktop.</p> <ul style="list-style-type: none"> • Workaround: From Microsoft - OneDrive seems to be the culprit. The workaround is to stop syncing your Desktop folder with OneDrive. • Important: Before proceeding, copy the files in those special folders to another folder or external drive. Please don't copy them anywhere under Desktop, Documents or Pictures. This is because disabling OneDrive backup for a folder erases the local copies of the files. Copying them to a different location beforehand will ensure that you don't need to download them again from the OneDrive cloud. • https://answers.microsoft.com/en-us/windows/forum/all/windows-11-browse-for-folder-dialog-issue-only/0a0ce0a5-0a72-4483-a51e-1b3ee9dffcdb • https://blogs.windows.com/windows-insider/2022/12/14/announcing-windows-11-insider-preview-build-25267/ <ol style="list-style-type: none"> 1. Right-click the OneDrive icon in the Notification area and click Settings. 2. Select the Backup tab, and click Manage Backup 3. In the Manage folder backup dialog, click on the Stop backup link for "Desktop" 4. Click Stop backup in the confirmation dialog that appears.
	48362	Auto Import; Job Setup; Scan Client; Dispatcher Services	<p>Known Issue: When an older version of ibml Capture Suite is used to connect to a version 5.0.0 database or later, an "Invalid Operation Exception" or similar error is displayed. This is a result of configuring a PNG image in Auto Import and occurs when any older version of an ibml Capture Suite application or process loads the job; such as Scan Client, Job Setup, and the PostScan Dispatcher Service.</p>
		PostScan Process	<p>If using PostScan Services prior to ibml Capture Suite version 2.8.0 and wanting to upgrade to any 2.8.0 version or later, all computers running PostScan Services (Dispatcher and/or PostScan Client) must also be upgraded.</p>

Case Number (if applicable)	Internal ibml Number	SCS Module	Description
	24613	ibml Capture Suite	<p>On a Windows 10 host, the ibml Capture Suite installer is not installing the required .NET Framework causing Job Setup to display a Unhandled Exception error. This occurs when the ASP.NET feature is disabled in Windows Features. Enable ASP.NET:</p> <ol style="list-style-type: none"> 1. On the Start page, choose Control Panel, and then choose Programs. 2. Under Programs and Features, choose Turn Windows features on or off. <ul style="list-style-type: none"> • The Windows features dialog box appears. 3. Expand the root-level item .NET Framework 4.7 Advanced Services (for Windows 10), and then do the following: 4. Select ASP.NET 4.7 (for Windows 10). 5. Reboot the Host PC 6. Run the ibml Capture Suite installer using the repair option.
	24460	Legacy	Unable to install Legacy Image DocType Recognition on a Windows 10 host.

Case Number (if applicable)	Internal ibml Number	SCS Module	Description
	26336	PostScan Process	<p>Reported Issue: When using one of the following keywords as part of the destination file path without the standard use of brackets [] surrounding the keyword, results in an incorrect output destination path.</p> <ul style="list-style-type: none"> • PostScanTransactionSequence0 • PostScanTransactionSequence1 • TransactionItemSequence0 • TransactionItemSequence1 • TransactionImageSequence0 • TransactionImageSequence1 • ItemImageSequence0 • ItemImageSequence1 • ImageSequence0 • ImageSequence1

‡Denotes that at the time of publication, the issue has been assigned to the next release cycle or next patch release cycle. All issues on the Known Issues list are subject to change without prior notice.

Defects and Issues

The following issues were corrected or addressed in this release:

Case Number (if applicable)	Internal ibml Number	iCS Module	Defect Description	Fix
	60030	PostScan Process; Job Setup	When testing a high resolution image with PostScan, Image Manipulation, Color Detection option, an "Out of Memory Exception" error is displayed.	Issue corrected
00154964	60336	Scan Client	When in Insert Mode, a keyword using month and minutes modifiers is being overwritten. <ul style="list-style-type: none"> When the 5.2.1 SQL Data Update script is run, issue correction is applied. 	Issue corrected
	60405	Batch Input; Job Setup	An underscore character, or a "\$" character, is being added to the end of an edit box batch input string when the edit box is using the "regular" mask type setting.	Issue corrected; Documentation Updated
	60846	Admin Console	Active Directory: "An error has occurred trying to retrieve the groups in the Active Directory Tab. An item with the same key has already been added." error displayed.	Issue corrected
	60895	Job Setup; Client Reports	When Finnish country formatting is used in Windows' regional settings, it causes issues with job setup and client reporting.	Issue corrected



Notes:

- **Reference** "Rolling Back Installs" in the Getting Started manual for information on rolling back to a previous installed version.
- Code signing: binary files installed are digitally signed as ibml, Microsoft, or DevExpress.

Previous Release Notes

ibml Capture Suite Release Notes 5.2.0



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*See Enhancements table below for any additional minimum version requirements.

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 - If after an install or upgrade, the PDF Output (PostScan Processing) does not produce files, this may be due to an undetected pending reboot on the computer. To address this, reboot the computer then reinstall Capture Suite installer.
- For PostScan Processing: What solution is needed when the following message is displayed, "[Error] System.InvalidOperationException: The 'Microsoft.ACE.OLEDB.12.0' provider is not registered on the local machine."
 - Install the `AccessDatabaseEngine.exe` that is provided along with the Capture Suite installation files.
 - This must be installed on all computers using PostScan Processes.

Enhancements

The following enhancements were made in this release:

Name	Module Name	Changes Minimum Version Requirements	Internal ibml Number
Updated Analytics to export .xlsx Excel files for security requirements.	Analytics		52145
Added a formal analytics report for FADGI results that includes details of testing that are scanner, operator, and camera specific (pass/fail).	Analytics		54172

Name	Module Name	Changes Minimum Version Requirements	Internal ibml Number
<p>Starting with this version, the Analytics Scheduler is now a Windows service. This was done to solve an issue where the previous Analytics Scheduler system tray application required a Windows user to be logged into the PC.</p> <ul style="list-style-type: none"> Upgrading to this version retains previous configurations of the scheduler. 	Analytics Scheduler		54426
<p>The client launch animated gif is updated for greater contrast and visibility from previous versions.</p>	Console		54066
<p>Active Directory (AD) integration added where AD groups are mapped to ibml Capture Suite groups using the Admin Console's User Admin tab.</p>	ibml Capture Suite; Login; Admin Console		50549
<p>A new feature allows Cash Management Systems (CMS) lockbox configurations to be automatically synced into Capture Suite.</p> <ul style="list-style-type: none"> The automation is achieved by utilizing a plugin host service that allows a user to configure a watch folder containing lockbox configurations to be synced. <ul style="list-style-type: none"> Note that this plugin host service may be utilized to host other future plugins; none are planned at the time of this release. This service has a standalone system tray application that allows an administrator to monitor the plugin(s) that the service is running. 	Lockbox Processing; Admin Console		43461
<p>OpenText ICR engine updated to version 22.2</p> <ul style="list-style-type: none"> Notice: If Capture Suite version 5.2.0 is installed or if DocNetics Version 5.9.4 is installed, the ICR engine is updated for both products. 	PostScan Process		54016; 54608

Name	Module Name	Changes Minimum Version Requirements	Internal ibml Number
<p>Kofax Connector: Two new troubleshooting topics added to the "TroubleshootingSCS" help file. "Kofax - Database Access Error" and "Kofax - DCOM Permissions Error"</p> <ul style="list-style-type: none"> • Help file is accessed under Start > ibml 	PostScan Process; Connector Setup		55176
<p>A new PostScan processing tile is added to automatically insert document captured from other scanners in an ibml Capture Suite batch during a post scan workflow. Place holding documents are scanned in Scan Client that are then replaced during the post scan process based on a configuration.</p>	PostScan Process; Dispatcher Services	The computer running the Dispatcher Service must be updated with version 5.2.0 or later of ibml Capture Suite.	50153; 50180
<p>Added a new Dot Removal image manipulation type that may be used in combination with or as a replacement of the Hole Removal image manipulation type based on preference and testing.</p>	PostScan Process; Image Manipulation		57289
<p>"Pending IJP" messages enhanced to include what is causing the ink jet to wait (pending).</p> <ul style="list-style-type: none"> • Updated message syntax: "Document is pending IJP data. DocID: <i>n</i> : [<i>device causing the pending state</i>]" 	Scan Client		56837
<p>Leadtools engine upgraded to version 22. Now includes support reading and writing HEVC (H265) compressed single-image HEIC files.</p>	Scan Client; Job Setup; PostScan Process; Validation Client, Quality Control Client		54021

Name	Module Name	Changes Minimum Version Requirements	Internal ibml Number
For a FADGI compliant scanner, the FADGI test dialog in Scan Client and Quality Control Client has an added option to display and export GoldenThread test results.	Scan Client; Quality Control Client	Requires an Image Quality Analysis Service version later than 1.0.1	54162; 54165;
Increased the size of the camera and hand feed buttons in the FADGI Compliance Test Window. It also adds a stop feed and continue scanning buttons. The size of the buttons were increased so that they are easier to use on the touch screen panel. The buttons were moved to the left side of the viewing pane.	Scan Client; Quality Control Client		54096
A new feature was created to add color highlights to documents in the tree and the thumbnail view in Scan Client and Quality Control Client (configured in Job Setup.) This feature provides a simple way for the operator to assess if documents were classified correctly by assigning a specific color highlight to a document and transaction type.	Scan Client; Quality Control Client; Job Setup		54058; 57290
Updated the Validation Lookup Index Field to support WHERE clause. By using where clauses with validate index field lookups, the number of choices can be narrowed so that operators are able to select, or type-in, the value field and the corresponding value for the key field. Prior to this version, validation index lookups only compared two fields in a table. With a WHERE clause, multiple fields in the lookup table can be considered.	Validation Client; Job Setup		49674
Analytics reports now supports the .xlsx format.	Analytics		52154



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		PostScan Process	If using PostScan Services prior to ibml Capture Suite version 2.8.0 and wanting to upgrade to any 2.8.0 version or later, all computers running PostScan Services (Dispatcher and/or PostScan Client) must also be upgraded.
	24613	ibml Capture Suite	<p>On a Windows 10 host, the ibml Capture Suite installer is not installing the required .NET Framework causing Job Setup to display a Unhandled Exception error. This occurs when the ASP.NET feature is disabled in Windows Features. Enable ASP.NET:</p> <ol style="list-style-type: none"> 1. On the Start page, choose Control Panel, and then choose Programs. 2. Under Programs and Features, choose Turn Windows features on or off. <ul style="list-style-type: none"> • The Windows features dialog box appears. 3. Expand the root-level item .NET Framework 4.7 Advanced Services (for Windows 10), and then do the following: 4. Select ASP.NET 4.7 (for Windows 10). 5. Reboot the Host PC 6. Run the ibml Capture Suite installer using the repair option.
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‡Denotes that at the time of publication, the issue has been assigned to the next release cycle or next patch release cycle. All issues on the Known Issues list are subject to change without prior notice.

Defects and Issues

The following issues were corrected or addressed in this release:

Case Number (if applicable)	Internal ibml Number	iCS Module	Defect Description	Fix
	55234	PostScan Process	Over time, the PostScan PDF Output times begin to degrade. <ul style="list-style-type: none"> This ibml Cloud Capture Suite installer, for PDF Output, upgrades FoxIT to version 8.2.16.8 	Issue corrected
00133935	55235	Scan Client	The Alert, "Counts and Totals" incorrectly displays an error after an Operator has deleted an item and attempts a rescan [Rescan mode].	Issue corrected
00135080	56001	Client Reports; Analytics	Reported Issue: The report "Error Detail or Error Summary," when filtering for error types 'alerts' only, displays a blank report. <ul style="list-style-type: none"> Prior to this release, these were not designed to report Scan Job Alerts. Change in Behavior: With this release, Scan Client now stores Scan Job Alerts in the database for reporting - Error Detail and Error Summary reports. 	Change in Behavior; Documentation Updated
00136904	56416	Quality Control Client	Alert reprocessing for "Allowed Documents" is not clearing flagged items after document order is corrected.	Issue corrected



Case Number (if applicable)	Internal ibml Number	iCS Module	Defect Description	Fix
00136673	56450	Quality Control Client	Batches where transactions are flagged by an alert are skipping Quality Control Client when Quality Control Job Setup is configured to evaluate flags.	Issue corrected
	56940	Remote Scanning; Batch Upload; Admin Console	Document count mismatch between the Batch Upload and Admin Console <i>views</i> of remote batches where transactions are being counted as documents.	Issue corrected
00143753	57871	Remote Scanning; Batch Upload	Empty XML data file is preventing a batch from uploading.	Issue corrected
00144261	57993	Scan Client; Job Setup	Reported Issue: Overwriting of image when image is being renamed while using the keyword [BatchDocumentSequence]. Actual Issue: Keywords are being incorrectly initialized after inserting an item into the batch; causing the reported issue.	Issue corrected
00143752	57994	Callouts	When the 'Override Job Print Line Layout' option on job objects is enabled, the print line does not change as intended when utilizing a Callout.	Issue corrected
00145028	58082	Admin Console	The Job Transfer's, "Data Connection" partial dialog is obstructing drop-down selection for database selection.	Issue corrected
	58760	Job Setup	Adding a new Capture Suite target database connection deletes connections to non-Capture Suite databases.	Issue corrected

Case Number (if applicable)	Internal ibml Number	iCS Module	Defect Description	Fix
	58761; 58790	Quality Control Job Setup; Job Setup	When a job is imported with a duplicate name and the user clicks Yes to overwrite the job, the original job is not overwritten.	Issue corrected
00149726	58870	Auto Import	Jobs configured for import do not import 48-bit PNG files.	Issue corrected
00152346	59130	Admin Console	With Finnish country formatting set in Window's regional settings causes an error when getting batches if the Admin Console is date-filtered.	Issue corrected

Database Changes

Configuration Database Schema Comparison Table

- Primary database: Version 5.1.0
- Comparison database: Version 5.2.0

Item type	Version 5.1.0	Version 5.2.0
Table		dbo.CMSLockboxImportPluginTable
Table		dbo.ImageInsertJobSettings
Table		dbo.PluginHostPlugins
Table		dbo.PluginHostServiceTable
Table	dbo.JobObjects	dbo.JobObjects
Column		dbo.JobObjects.QCCEnableColorHighlight bit NULL



Item type	Version 5.1.0	Version 5.2.0
Column		dbo.JobObjects.ScanEnableColorHighlight bit NULL
Column		dbo.JobObjects.DocumentHighlightColor int NULL
Table	dbo.operator	dbo.operator
Column		dbo.operator.ManagedStatus int NULL default (0)
Table	dbo.OperatorGroup	dbo.OperatorGroup
Column		dbo.OperatorGroup.MappedADGroups nvarchar(max) NULL

Data Database Schema Comparison Table

- Primary database: Version 5.1.0
- Comparison database: Version 5.2.0

Item type	Version 5.1.0	Version 5.2.0
Table		dbo.FADGITestDetails
Table		dbo.FADGITests
Table	dbo.OfflineBatchTable	dbo.OfflineBatchTable
Column		dbo.OfflineBatchTable.BatchStatus int NULL
Column		dbo.OfflineBatchTable.BatchStatusText nvarchar(256) NULL

**Notes:**

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- Code signing: binary files installed are digitally signed as ibml, Microsoft, or DevExpress.

