

Release Notes for RasterMaster Release 14.12.11/19.12.11

(Note: Releases X.12.6-.10 were internal/customer-specific builds)

Bug Fixes

- General
 - Fixed crash in text search
- PDF
 - Fixed stretched header
 - Fixed mirrored document
 - Fixed shifting/scaling pages to vector
 - Fixed overlapping text with certain Thai fonts
 - Fixed some CMAP handling
 - Fixed missing characters with ZapfDingbats
 - Fixed some 'greedy' redactions removing extra characters
 - Fixed some misbehaving/unimplemented filters
- XLS
 - Fixed converting certain XLS with non-standard structure to PDF
 - Fixed missing Euro symbol in certain documents
 - Chart rendering improvements
- DOCX
 - Fixed missing text to SVG
 - Fixed font selection logic when dealing with missing fonts on host
- ASCII
 - Fixed certain extended ASCII files
- AFP
 - Fixed blank output for certain files

Release Notes for RasterMaster Release 14.12.5/19.12.5

New Features

- MS Office XML
 - Improved chart engine brings
 - Improved line chart rendering
 - Basic pie chart rendering
 - Stability

Bug Fixes

- MS Office XML
 - Fixed several crashes/NPEs related to charts
 - Improved font mapping on Linux systems
 - If a documents fonts are not installed on the host system, you may see differences in page count/rendering on the client.
 - The most common Office fonts are available on [Debian](#) and [Ubuntu](#) in the `ttf-mscorefonts-installer` package.
 - `apt install ttf-mscorefonts-installer`

Errata

- MS Office XML
 - As part of the chart engine replacement, bar charts have been disabled for this release.

Release Notes for RasterMaster Release 14.12.4/19.12.4

New Features

- PDF
 - Added two new error codes which can be returned by `IMGLOW_redact_page()`.
 - `PDF_PAGE_NO_TEXT` - The page being redacted has no fonts or redactable text
 - `PDF_PAGE_REDACT_IMAGE_UNDER_RECT` - A redaction was applied over an image
- MS Office XML
 - Implemented area charts
- PPTX
 - Several new features to improve the overall rendering of PPTX files
 - Implemented custom geometry
 - Implemented luminance color modifications
 - Implemented rounded rects

Bug Fixes

- PDF
 - Fix occasionally 'greedy' redactions (more text than requested was removed)
 - Fix some pattern drawing logic that would obscure certain content
 - Fix some masked and rotated images
 - Fix some embedded JPEG images
 - Fix shading patterns
 - Fix some missing graphics drawn with Transparency (.NET)

- Fix conversion to SVG with no crop box
 - Fix conversion to SVG with embedded images
 - XLS
 - Fix CORRUPTED_FILE error on files with missing index records
 - Fix regression with string labels
 - PPTX
 - Fix improperly rotated text in headers
 - Fix issues with PPTM files reporting 0 pages
 - MSG
 - Improved overall rendering. Headers (To, From, cc, etc) no longer appear at the top of every rendered page
 - Fix rendering issue with embedded RTF containing Unicode characters
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Release Notes for RasterMaster Release 14.12.3/19.12.3

Bug Fixes

- PDF
 - Fix certain documents generated by Microsoft's "Print to PDF" mechanism
 - Fix image stretching/cutoff in certain PDFs
 - TIFF
 - Fix certain TIFF G3 file dimensions
 - Fix TIFF_JPEG extract
 - Fix stripped images with non-matching h/w DPI
 - MSG
 - Fix missing Euro symbol
 - PNG
 - Fix certain PNG files which would fail to render
 - RTF
 - Fix missing elements/style in tables
 - AFP
 - Fix for NPE and invalid page counts in certain files
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Release Notes for RasterMaster Release 14.12.2/19.12.2

Bug Fixes

- General

- Fix `SANN_merge_annotations` when document is rotated
- PDF
 - Fixed missing copyright symbol in certain PDFs
 - Fixed missing check marks in checkboxes
 - Fixed an issue with character rendering with Type 0 fonts
 - Fixed an issue with PDF->SVG
 - Fixed an intereaction with `IMG_resize_bitmap_bicubic` which would render the page black
- DOCX
 - Fixed a certain class of files that would hang trying to fit content
- XLSX
 - Fixed several XLSX formatting issues
 - Fixed some unintended `#REF!` text
 - Fixed an AIOOBE w/ hidden columns
- DOC
 - Fixed an issue with document vs. system character encoding where text rendering would be garbled if it failed.
- XLS
 - Fixed extra trailing blank page
- FOB
 - Improved FOB/Filenet image support
- RTF
 - A host of formatting fixes to improve accuracy of rendering
 - Fix to NullPointerException with certain bulletpoints
- AFP
 - Fixed some issues with text suppression

Known Issues

- PDF
 - Some special characters (ß, °, ©, etc.) may be not render in a very small subset of documents.
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Release Notes for RasterMaster Release 14.12/19.12

June 29, 2018

New Features

- General
 - Added ability to load SnowboundLicense via Input Stream
- PDF
 - XFA Support for Filename calls

- Excel (XLSX)
 - Improved Custom cell formatting engine
- PowerPoint (PPTX)
 - Group Shapes Support
- DWG
 - Updated to latest version of plugin
 - Add support for Paper Spaces/Custom Views. Additional view is treated as a separate page
- ASCII (TXT)
 - Performance improvement for large ASCII files.

Known Issues

- PDF
 - Certain (rare) PDFs which contain negative font sizes may render incorrectly

Bug Fixes

- General
 - Several cosmetic issues regarding Redaction Tags have been addressed
- PDF
 - Large Image Rotation
 - Text size fixed on certain 180 degree rotated documents
 - Bring Stroked Text Support
 - Improve default with with empty W array
 - Fix incorrect ETens-B5-H char mapping
 - Add in clipping for rotated images
 - Fixes for masked images
 - Handle negative X/Y in CropBox
 - Handle negative X/Y in FontBox
 - Fixed embedded CMYK images
 - Fix for certain rotated 1-bit Smask images
 - Fix for text scaling causing certain overlaps
 - Found and fixed memory leak
 - Fix for missing characters
 - Fix for inconsistent line thickness
 - Fix for several forms of masked images
 - Remove assumption about CID font widths
 - Spacing vs character width fix
 - Improved extracting ligatures
 - Add default width for fonts missing widths
 - Fix pCidToGid context restore
 - Inherit page rotation from parent
 - Fix placement of redaction tags on rotated pages
 - Fix IMGLOW_rects_intersect_with_image_on_page fails with rotation
 - Fix various kerning issues
 - Fix issue with font height and redactions

- Fix issue with XFA detection
- Don't emit StructTreeRoot to PDF files
- Fix T] case [NUMBER] correctly
- Use Type3 ToUnicode tables if they exist in font.
- Fix ArrayIndexOutOfBoundsException on certain files
- Map Circle annot to our Ellipse
- Clip to bounding box for annotations SnowboundSoftware
- Fix for MinionPro font
- Fix for blank pages in output
- force XFA flattening to embed external fonts
- apply text scaling param for svg text output
- Fix opacity for xobjects.
- MS Office XML
 - General
 - Embedded WMF support
 - Improved text box formatting
 - Improved font selection
 - Improved color selection
 - Word (DOCX)
 - Table formatting improvements
 - Text & graphic positioning improvements
 - Excel (XLSX)
 - Don't try to fit text into a zero-width cell
 - Only grow page width if cells have content, not just borders/shading.
- Legacy MS Office
 - Legacy Word (DOC)
 - Fixed Shifted Text Boxes
 - Fixed a case where IMGLOW_get_pages would hang on certain files
 - PowerPoint (PPT)
 - Scale and set opacity for embedded WMF images when converting to SVG.
- ASCII (TXT)
 - Fixed thread safety issue
 - fixed page offset for utf8 files.
 - fixed file handle issue
- AFP
 - Masked images exporting as black to vector PDFs
 - Performance improvements
 - Fix for certain code pages
 - Fix for edge-case records
 - Fix for angled rotated images
- DWG
 - Reset file handle prior to reading DWG
- MSG
 - Fixed parsing of un-handled unicode characters

- Add get/setShowExchange(boolean) method in Snowbnd to toggle the display of MS Exchange header info
- HTML
 - Correctly set page width/height as configured
- RTF
 - Fix for initial line spacing
- LND
 - Added support for searching Line Data files
 - Fix page counting between methods
 - Added LINE_DATA to FormatHash
 - Implemented getPages and getFileType
 - Fixed crash
- PCL
 - get/display correct glyph for truetype composite fonts.
- GIF
 - Ignore pages other than page 1 (aka Animated GIF frames)
- Annotations
 - Read in CREATEDATE and MODIFIEDDATE for Daeja annotations