efi Productivity Suite

EFI Metrix Release Notes

Version 2020.2.0.471

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EFI Metrix 2020.2 | *EFI Metrix Release Notes*

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Welcome to Metrix 2020.2

EFI Metrix is an industry-leading job planning engine that transforms big data into actionable data in the most proven end-to-end integrated solution with a holistic view into manufacturing. With over 1,200 Metrix users in 25 countries and 12 years of continuous, aggressive development, Metrix is recognized as the de facto industry standard for dynamic, intelligent production planning, and automated imposition. Metrix 2020.1 introduces new features and enhancements and addresses issues found in previous releases.

Contact Information

EFI Support

Web Site:	communities.efi.com
US Phone:	1.855.EFI.4HLP (1.855.334.4457)
UK Phone:	+44 (0) 800.783.2737
EU Phone:	+49.2102.745.4500
E-Mail:	metrix.support@efi.com

Metrix Support hours are 8AM CET to 5pm ET Monday – Friday. You may contact support at the above numbers or via our customer portal at communities.efi.com.

Note For problems involving infrastructure (e.g., computers, networks, operating systems, backup software, printers, third-party software, etc.), contact the appropriate vendor. EFI cannot support these types of issues.

EFI Professional Services

US Phone:	(651) 365-5321
US Fax:	(651) 365-5334
E-Mail:	ProfessionalServicesOperations@efi.com

Notes EFI Professional Services can help you perform EFI software installations, upgrades, and updates. This group can also help you implement, customize, and optimize your EFI software plus offer a range of training options.

System Requirements

Please ensure your system is running one of the supported operating systems listed below before beginning the installation process.

Metrix 2020.2 system requirements:

- Metrix 2020.2 requires 64-bit systems. It will **not** run on 32-bit systems.
- Metrix now supports Mac OS X 10.15 (Catalina)

Notes Microsoft has ended support for Windows 7 and Windows Server 2008 effective January 14, 2020, so Metrix 2020.2 does not support these platforms. We recommend you upgrade your system to Metrix current minimum system requirements.

EFI has been testing Metrix 2020.2 with a beta version of Mac OS 11 (Big Sur). Currently, there are no known issues with this beta version and Metrix. Apple has not announced a release date for Mac OS 11 as of 10/21/2020. However, at this time we do not foresee any issues with Metrix 2020.2 and Mac OS 11.

For more information on the installation process, please see the *EFI Metrix 2020.2 Installation Guide.*

Windows Minimum System Requirements for Metrix 2020.2

Processor	• Intel compatible
Processor Speed	• 1 GHz minimum
Windows Operating System	• Microsoft Windows 10.x (64-bit) • Microsoft Windows 8.x (64-bit) • Microsoft Windows Server 2019 (64-bit) • Microsoft Windows Server 2016 (64-bit) • Microsoft Windows Server 2012 R2 (64-bit) • Microsoft SQL Server 2014 SP3 and SP4 (64-bit) • Microsoft SQL Server 2016, 2017, and 2019 **Note** Metrix no longer supports Microsoft Windows 7.x or Windows Server 2008.
Memory	• Metrix Client – 2 GB RAM • Metrix Data Server – 2 GB RAM • Automation Server with Non-Rectangular Module – 8GB (Minimum) and 1 Dual-Core Processor (Minimum) • Automation Server Pro – 16 GB RAM (Minimum) to 4 GB RAM per CPU Core (64 GB RAM Maximum) • Automation Server Enterprise – 64 GB RAM (Minimum) to 4 GB RAM per CPU Core (256 GB RAM Maximum) • eFlow License Manager – 256 MB RAM
Monitor Resolution	• 1024 x 768 or higher
Network (multi-user)	• Static IP address for the Data Server, eFlow License Manager, and Automation Server. Automation Server runs as a service and needs a local administration account.

	Notes If you use the Content Previews module, the minimum RAM requirement for Metrix is 6 GB with 8 GB or more recommended. The Content Previews module is processor intensive, so a fast multi-core processor is recommended. If PDF content is being accessed across a LAN, gigabit network speeds are recommended when accessing large content files.

Mac OS X Minimum System Requirements for Metrix 2020.2

Processor	• Intel Core 2 Duo
Processor Speed	• 1 GHz minimum
Macintosh Operating System	• OS X 10.15 (Catalina) (see Note below) • OS X 10.14 (Mojave) • OS X 10.13 (High Sierra) • OS X 10.12 (Sierra) • OS X 10.11.x (El Capitan) • OS X 10.10.x (Yosemite) • OS X 10.9.x (Mavericks) **Notes** eFlow LIM is unable to run on Mac OS X 10.15 (Catalina) because Mac OS X 10.15 (Catalina) does not support 32-bit applications. eFlow LIM will run on Mac OS X 10.12 (Sierra) through OS X 10.14 (Mojave). Metrix requires Java 11. Metrix installs and uses this version internally, regardless of the Java version that is installed on the computer.
Memory	• Metrix Client – 2 GB RAM • Metrix Data Server – 2 GB RAM • eFlow License Manager – 256 MB RAM
Monitor Resolution	• 1024 x 768 or higher
Network (multi-user)	• Static IP address for the Data Server and eFlow License Manager. **Notes** If you use the Content Previews module, the minimum RAM requirement for Metrix is 6 GB with 8 GB or more recommended. The Content Previews module is processor intensive, so a fast multi-core processor is recommended. If PDF content is being accessed across a LAN, gigabit network speeds are recommended when accessing large content files.

Licensing

Upgrade your eFlow License Manager to the latest version to ensure optimum performance and security. The installers can be found on https://www.efi.com/marketing/productivity-software/downloads/metrix-installers/.

Notes eFlow LIM is not supported on Mac OSX 10.15 (Catalina).

If you are installing eFlow LIM on any version of Mac OS X, see the *EFI Metrix 2020.2 Installation Guide* for instructions and important information.

New Features

For detailed information and usage instructions on the new features and enhancements introduced in Metrix 2020.2, see *EFI Metrix 2020.2 What's New* and the *EFI Metrix 2020.2 User Guide.*

- **Digital Cutting Machine Support**

  Metrix 2020.2 adds support for **Digital Cutting Machines** with multiple digital cutting tools for rectangular and irregular shape products.

  - Metrix determines the aggregate length of cut, kiss cut, crease, and perforation lines using the cost information in its calculations when planning layouts.
  - Digital cutter output files for Zünd and Esko Kongsberg (iCut).
  - Automated placement of cutter alignment marks.

- **Irregular Shapes and Multiple Contour Lines**

  The **Die-cut Using Dieline in Content File** product type is renamed **Irregular Shape Using Contour Line in Content File** to differentiate between products cut with a physical die from products cut using a digital cutting machine.

  The term **Dieline** is renamed **Contour Line**, which are lines in the content file that are spot colors. There can be multiple types of contour lines in a content file, which can be associated with different **Cutter Operations** such as cutting, creasing, and perforating.

- **Cutting Complexity**

  Cutting Complexity is a new product property Metrix uses to calculate cutting cost by allowing you to determine how difficult a product is to cut. The **Cutting Complexity** values range from 1 (100% Speed) to 10 (10% Speed), with 1 being the simplest and 10 being the most complex.

- **Exporting reports with black-and-white layout diagrams**

  Metrix lets you print layout diagrams in black and white by selecting **Layout Diagrams – No Color** in the **Export Report** dialog. You must de-select **Layout Diagrams – Color Component Backgrounds, Layout Diagrams – Shade Page Bleeds**, and **Layout Diagrams – Show Previews**.

- **Remove Instance from Layout**

  The **Delete** option that appeared in the contextual menu when you right-clicked on an instance in the **Layout View** is renamed to **Remove from Layout**.

- **Cutting Machines and Standards**

  Cutting machine information is removed from Standards because that information is not relevant to standards and always reverted to the default cutting machine.

Key Fixes

- **Top Quiet Zone for Barcode Marks**

  The **Top Quiet Zone** for barcode marks is correctly applied. (Issue Reference: 14574)

- **Undo of Delete All Marks restores marks to their previous position**

  When you undo the action **Delete All Marks**, the marks are restored to their previous positions. (Issue Reference: 14446)

- **Duplicate file names with Metrix Automation Server HTTP_CACHE file naming**

  Fixed the issue where the Metrix Automation Server created layouts with incorrect content, because the HTTP_CACHE file-naming process assigned the same time stamp to multiple files that were downloaded within a millisecond of each other. (Issue Reference: 14722)

- **JDF export renaming file paths**

  JDF export converted content source path backslashes to the standard MXML %5c, which could not be read by Prinergy. Metrix now converts content source path backslashes to forward slashes. (Issue Reference: 14821)

- **Export issue when license does not include Irregular Shapes**

  Fixed the issue with exporting from Metrix when user license does not include irregular shapes. (Issue Reference: 14838)

- **HTTP file name parsing in MXML**

  File name parsing in MXML now correctly handles HTTP files. (Issue Reference: 14828)

Known Issues for the Metrix 2020.2 Release

- **Page To Bleed Gap** does not work with **Irregular Shape** and **Die-cut** products. This will be addressed in an upcoming hot fix. (Issue Reference: 13482)
- When upgrading from Metrix 2016.1 or earlier, you are required to back up your database, install 2019.2, and then upgrade the database for 2019.2 before you can install 2020.1 and upgrade the database again. (Issue Reference: 14185)
- Metrix will not save the default printer in the Export window. (Issue Reference: 8441, 13310)
- Japanese fonts may print as indecipherable text when there are multiple PDFs in a project that contain fonts with the same name but different glyphs. (Issue Reference: 13452)
- The **Auto Expand Trims** option does not work with **Auto Layout**. (Issue Reference: 12858)
- Unable to scroll beyond the right or top edges of a sheet when a layout is magnified. (Issue Reference: 13782)
- **Help** menu on Mac OS sometimes disappears after selecting other menu items. You can still select the **Help** menu by clicking on the menu bar directly to the right of the Settings menu. (Issue Reference: 13411)
- Die-cutting tools and standards created in 2018.1 show errors when opened in 2020.2 if the multi-up file used to create a die-cutting tool had horizontal and/or vertical offsets defined. Metrix ignored horizontal and/or vertical offsets in 2018.1, but in 2020.2 the offsets are applied. This results in misalignment of the die-cutting tool on the sheet and/or errors in standards and projects that use the die-cutting tool (for example, “Sheet must be large enough for Die-cut Tool”).

  Workaround: Edit the die-cutting tool and change the Anchor Horizontal Offset, Anchor Vertical Offset, Minimum Sheet Width, and Minimum Sheet Height values. (Issue Reference: 14296)