

EFI Metrix Release Notes

Version 2020.2.0.539

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EFI Metrix 2020.2 | *EFI Metrix Release Notes*

December 2020 / EFI Metrix 2020.2

Document Version 1

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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

<i>Processor</i>	<ul style="list-style-type: none"> • Intel compatible
<i>Processor Speed</i>	<ul style="list-style-type: none"> • 1 GHz minimum
<i>Windows Operating System</i>	<ul style="list-style-type: none"> • 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 <p>Note Metrix no longer supports Microsoft Windows 7.x or Windows Server 2008.</p>
<i>Memory</i>	<ul style="list-style-type: none"> • 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
<i>Monitor Resolution</i>	<ul style="list-style-type: none"> • 1024 x 768 or higher
<i>Network (multi-user)</i>	<ul style="list-style-type: none"> • 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.



	<p>Notes If you use the Content Previews module, the minimum RAM requirement for Metrix is 6 GB with 8 GB or more recommended.</p> <p>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.</p>
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Mac OS X Minimum System Requirements for Metrix 2020.2

<i>Processor</i>	<ul style="list-style-type: none"> • Intel Core 2 Duo
<i>Processor Speed</i>	<ul style="list-style-type: none"> • 1 GHz minimum
<i>Macintosh Operating System</i>	<ul style="list-style-type: none"> • 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) <p>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).</p> <p>Metrix requires Java 11. Metrix installs and uses this version internally, regardless of the Java version that is installed on the computer.</p>
<i>Memory</i>	<ul style="list-style-type: none"> • Metrix Client – 2 GB RAM • Metrix Data Server – 2 GB RAM • eFlow License Manager – 256 MB RAM
<i>Monitor Resolution</i>	<ul style="list-style-type: none"> • 1024 x 768 or higher
<i>Network (multi-user)</i>	<ul style="list-style-type: none"> • Static IP address for the Data Server and eFlow License Manager. <p>Notes If you use the Content Previews module, the minimum RAM requirement for Metrix is 6 GB with 8 GB or more recommended.</p> <p>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.</p>



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*.

New in 2020.2.0.530 hot fix

- **CSV and MXML support for Die-cut and Irregular Shape products**

Added support for die-cut and irregular shape products in MXML and CSV.

- **Cutting Machine selection in Auto Plan dialog**

Added the ability to select a cutting machine in the **Auto Plan** dialog. This is also supported in MXML. (Issue Reference: 14420)

- **Additional options for cutter alignment marks**

Enhanced options for the placement of cutter alignment marks. In the **Place Marks Around** menu, the following options are available:

- **Each Product:** Cutter alignment marks are placed around each instance on the sheet, based on the selected settings.
- **All Products:** Cutter alignment marks are placed around the bounding box of the entire group of instances on the sheet.
- **Sheet:** Cutter alignment marks are placed around the perimeter of the sheet. (Issue Reference: 14835)

New in 2020.2.0.471 release

- **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

- **DXF format for digital cutting files**

Digital cutting files including cutter alignment marks can be exported in DXF format for each type of contour line. (Issue Reference: 13825)

- **Undo after Delete Layout And Products**

When you undo the action to **Delete Layout And Products**, the layout and products are correctly restored to the project. (Issue Reference: 14904)

- **iCut output from Metrix**

iCut output from Metrix is correctly read by Kongsberg iCut Vision software. (Issue Reference: 14853)

- **Moving components from one layout to another**

Dragging single components from one layout to another in the Project Explorer no longer requires the User Preference **Allow a Component to be on multiple layouts** to be set to True. Moving multiple-selected components is not supported at this time. (Issue Reference: 14958)

- **Exporting reports when using system locale for numbers and currency**

Error no longer occurs when exporting reports while Metrix is using the system local for numbers and currency with decimal separators set to comma (.). (Issue Reference: 14955)

- **Snap-to when moving Components with Offcuts**

Component instances with offcuts snap-to other instances correctly when manually moved on a layout. (Issue Reference: 14895)

- **Selecting and dragging instances with a single click**

Items on layouts can be selected and moved with a single click. (Issue Reference: 14965)

- **Reduced database connection usage defaults**

Metrix no longer uses a minimum of 10 to as many as 20 database connections. Now Metrix uses a minimum of 2 and a maximum of 10 by default. These settings can be configured by editing the

metrix.properties file. Metrix also releases connections when they are not in use. See “Tech Note: Configuring Database Connection Defaults” for more information. (Issue Reference: 14952)

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)
- The **Allowed Bleed Intrusions** setting for die-cutting tools is non-functional at this time. (Issue Reference: 13208)
- **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)