



**materialise**

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# Materialise Magics

26.02 – Release Notes

January 2023



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This document lists the main changes and fixes compared to the Magics 26.01 release.

## 1 What's new

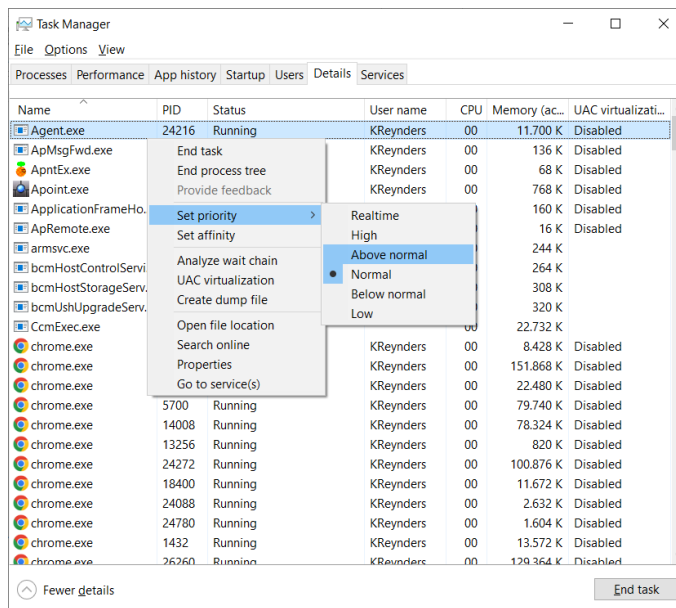
There are no changes compared to Magics 26.01 release

## 2 Bug fixes

- An issue causing Magics to not launch in a rare case of insufficient permissions was resolved
- An issue causing redundant part revisions in Streamics has been resolved

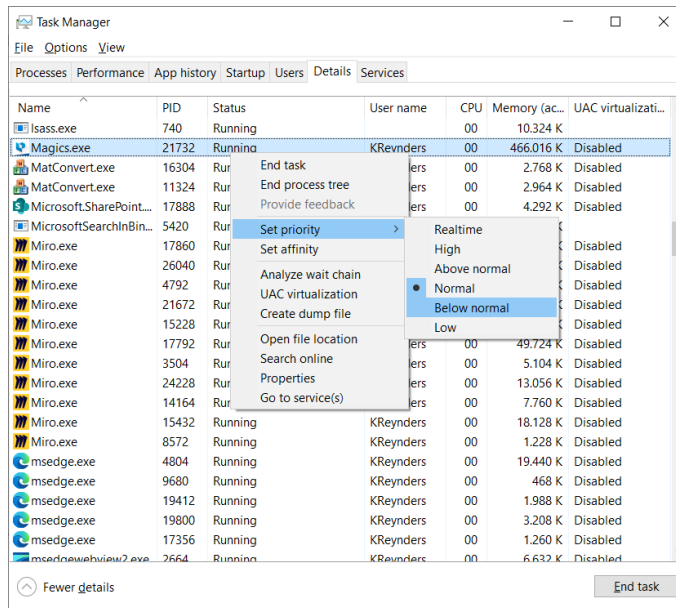
## 3 Known issues

- An update to Win11 (version 22H2 or higher) can potentially block the ability to run the simulation module (the progress stays at 0%). If using Win10 (version 21H1 or later) or Win11 (version 22H1 or lower) is not an option, a work around for this would be to ensure that the Simulation process has a higher priority than the Magics process. This can be adapted in the Task Manager:
  - o Option 1 (=preferred): increase the priority of the simulation module (Agent.exe) from *Normal* to *Above normal*





- Option 2: decrease the priority of Magics (Magics.exe) from *Normal* to *Below normal*



For all other known issues, please refer to the Magics 26.0 and 26.01 release notes as reference.

## 4 Compatibility

### 4.1 Bundled components and their licensing components

| Product                     | Licensing component  | Versions |
|-----------------------------|----------------------|----------|
| <b>Magics 26.0.2.2</b>      | MatLicense           | 7.3.6.0  |
|                             | Local License Server | 7.3.1.9  |
| <b>RegWizard 1.1.0.21</b>   | MatLicense           | 7.3.1.9  |
| <b>MatConvert 10.1.0.28</b> | MatLicense           | 7.0.6.0  |
|                             | Local License Server | 7.3.2.2  |

### 4.2 Compatibility with other Materialise product releases

| Product                       | Versions             |          |
|-------------------------------|----------------------|----------|
| <b>Streamics</b>              | 9.0 (future release) |          |
| <b>Robot</b>                  | 8.3                  |          |
| <b>3-matic</b>                | 17.0                 |          |
| <b>Simulation module</b>      | 3.0                  |          |
| <b>e-Stage</b>                | 7.3.0.176            |          |
| <b>Build Processor System</b> | 3.2                  |          |
| <b>Build processors</b>       | SLM BP               | 3.2.7    |
|                               | HP                   | 2.2.1    |
|                               | Renishaw             | 1.3.1    |
|                               | DLP                  | 2.0      |
|                               | SLx                  | 5.1.40.0 |
|                               | EOS                  | 3.1      |
|                               | Arcam                | 2.4.5.0  |
|                               | Trumpf               | 7.0      |
|                               | Concept Laser        | 1.2.2    |

### 4.3 Compatibility with other CAD packages

Magics 26.02 comes with MatConvert 10.1, which supports the below CAD formats. The **highlighted formats** have been updated compared to MatConvert 10.0.

Please note that the 'all imports' license is needed for all these CAD formats, except for importing STEP files.

| Via 'Magics RP' base license |                            |   |
|------------------------------|----------------------------|---|
| STEP                         | *.stp, *.step              | AP203 (E1, E2), AP214 (up to E3), AP242 (E1,E2) |
| VRML                         | *.vrl, *.vrml, *.x3dv      | 1.0 and VRML 97, X3D 3.3                        |
| Via 'all imports' module     |                            |   |
| IGES                         | *.igs, *.iges              | Version 5.3                                     |
| ACIS SAT                     | *.sat                      | Up to 2021 1.0                                  |
| <b>JT</b>                    | <b>*.jt</b>                | <b>6.4 to 10.7</b>                              |
| Rhino                        | *.3dm                      | Rhino 6.0                                       |
| CATIA 4                      | <b>NO LONGER SUPPORTED</b> | <b>NO LONGER SUPPORTED</b>                      |

|                   |                           |  |
|-------------------|---------------------------|--|
| CATIA 5           | *.CATPart, *.CATProduct   | R10 to V5-6R2021 (R31)                 |
| CATIA 6           | *.3dxml                   | R2010x to R2021x                       |
| Pro/Engineer      | *.prt, *.asm              | 2000i to Creo 8.0                      |
| <b>Siemens NX</b> | <b>*.prt</b>              | <b>15 to NX 1980 Series until 2000</b> |
| Parasolid         | *.x_t, *.x_b              | V7 to V34                              |
| SketchUp          | *.skp                     | SketchUp 2021                          |
| Autodesk Inventor | *.ipt                     | 9 to 2022                              |
| <b>Revit</b>      | <b>*.rvt</b>              | <b>2011 to 2022</b>                    |
| <b>Solidworks</b> | <b>*.sldprt, *.sldasm</b> | <b>2006 to 2022</b>                    |
| <b>Solid Edge</b> | <b>*.par</b>              | <b>10 to 2022</b>                      |

## 5 System Requirements

| Hardware*  | Software  |
|--|---|
| <p><b>CPU</b></p> <ul style="list-style-type: none"> <li>Intel Core i7</li> <li>AMD Phenom II X4/ X6 at 3.0 GHz or higher with SSE2 technology</li> </ul>  | <p><b>Materialise Magics 26 is only supported on Windows 64-bit**:</b></p> <ul style="list-style-type: none"> <li>Windows 11</li> <li>Windows 10 version 21H1 or later</li> </ul>                                 |
| <p><b>Memory</b></p> <ul style="list-style-type: none"> <li>16 GB RAM or higher</li> </ul>   | <p><b>Materialise Magics 26 is recommended on:</b></p> <ul style="list-style-type: none"> <li>Windows Pro edition</li> <li>Windows Enterprise edition</li> </ul>  |
| <p><b>Free Disk Space</b></p> <ul style="list-style-type: none"> <li>Win 64-bit system</li> <li>2GB of free disk space</li> </ul>  | <p><b>Materialise Magics 26 is not supported on:</b></p> <ul style="list-style-type: none"> <li>Windows 8.1 or earlier</li> <li>Windows Server Editions</li> <li>Virtualization systems such as VMWare</li> </ul> |
| <p><b>Display</b></p> <ul style="list-style-type: none"> <li>1920 x 1080 resolution or higher</li> <li>32-bit color depth (True color)</li> <li>4K monitors are not actively supported</li> </ul>  | <p><b>Materialise Magics does not run natively on Mac OS X, Linux, or any other operating system</b> not listed above.</p>  |
| <p><b>Video Card</b></p> <ul style="list-style-type: none"> <li>NVIDIA GeForce GTX 1060' or AMD Radeon RX 480 or better</li> <li>DirectX 11 compatible video card</li> <li>At least 4 GB of memory</li> <li>At least a memory interface width of 192-bit (256-bit is recommended)</li> </ul> | <p>.NET 4.6 or later or a working internet connection during the installation is required.</p>  |

\*These hardware requirements are considered minimal for professional usage, but depending on the expected use cases (mainly influenced by project size, amount of triangles and number of parts) it is recommended to invest in appropriate hardware (more memory, larger disk size, ... ). More info can also be found on: <https://help.materialise.com/93151-tips-and-tricks/magics:-performance>

\*\* Materialise Software will discontinue supporting an operating system, or a specific version of an operating system, from the moment that the OS vendor discontinues support.

## 6 Contact Information

For more information, check out our website: [materialise.com/software/magics/](https://materialise.com/software/magics/)

For technical support, please check <http://help.materialise.com/> or contact one of our Customer Support teams:

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