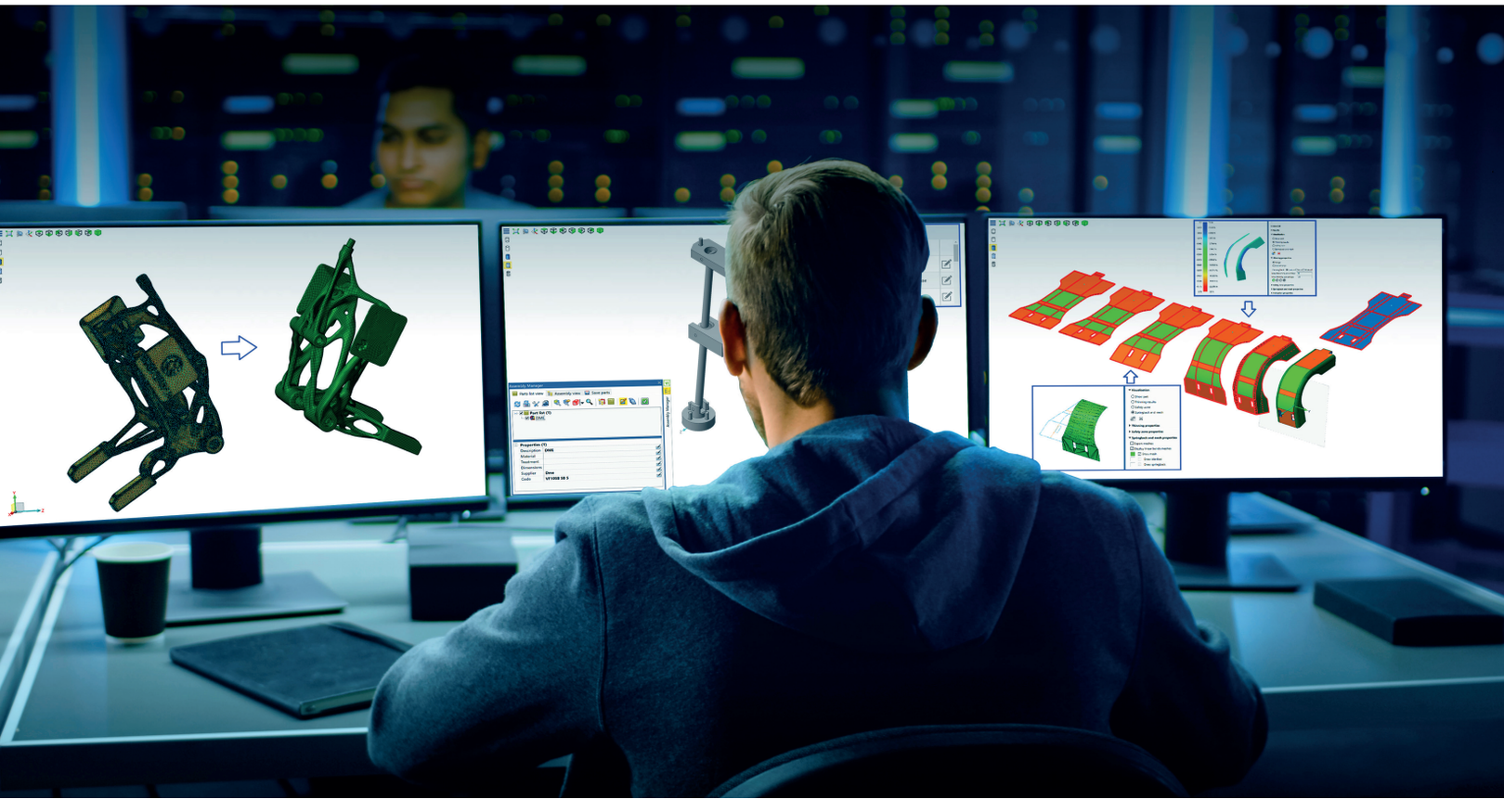
HEXAGON

VISI 2025.4

Modelling

VISI 2025.4 contains several changes designed to simplify the software usage as well asremoving the need for extra clicks providing an overall time reduction while improvingproductivity. We added extra tools for inspection and design to improve our modellingperformances and extending market opportunities. We optimize the usability workflow,improving time reduction when performing modelling tasks.



Reverse Engineering

These changes have been designed to simplify the software usage as well as reducing the need for extra clicks and overall improving productivity.

This allows our solution to stand-out and to offer powerful tools to quickly create valid model and features, offering a massive reduction in time and effort.

The module has now reached a very competitive level of functionalities that should allow entering new market opportunities as well as offering enhanced technology and synergies within Hexagon to favor our customers.

Translators

This release continues VISI's long tradition of bringing updated format support and continued enhancements and fixes to further improve the robustness and performance of 3D Modelling and Interoperability. The component, that provides the appropriate "converters" for the different CAD formats, is constantly improved.

Additional file formats have been added to extend synergies with MI and open new market opportunities. As usual we updated all the translators to guaranty the highest possible level of compatibility with other systems:

- ACIS reader/writer library support for 2021 1.0
- Parasolid reader/writer library upgrade to 35
- CATIA V5 reader support for CATIA V5-6 R2021
- CATIA V6 3D Experience support for R2021x
- Inventor 3D reader support for 2023
- JTOpen reader/writer with the alternative library
- JTOpen reader support up to version 10.5 with the alternative libray
- NX unigraphics reader support for latest 1926 series up to 1946
- NX unigraphics reader for PRT files
- PC-DMIS reader support for CAD files
- Pro/E - Creo Parametric reader support for Creo 7.0
- Revit reader support for RVT and RFA files
- Solid Edge reader support for 2021, with alternative libray
- SolidWorks reader support for 2024
- SolidWorks direct reader for 2024 SP1 files
- STEP 3D read/writer support for AP242 E2, with the alternative libray

Plastic Injection Moulding Flow Simulation

The implementation of a new solution for the Filling phase, considering the satisfactory results obtained for the Holding module where this algorithm has been introduced in the previous version, brought benefits to the entire simulation chain. Not only a better flow pattern is determined but also the fibre orientation calculation has been improved.

Those enhancements allows better and more reliable part simulation, shortest calculation time and less tryouts, reflecting a more precise calculation of the deformation of the part.

Progressive Die Design

The progressive die end-to-end solution has been the focal point of VISI 2025.4 development in order to simplify software usage and to reduce the time to market while improving productivity. The workflow has been improved with a faster, easier, and more customizable unfolding process.

Standard elements library

To improve and simplify the mould assembly creationVISI 2025.4 offers a unique solution integrated within the same environment that allows customer to select our renowned standard elements library as well as an extended cloud-based solution offered through a collaboration with our partner CADENAS. This represents the first true opportunity for VISI to offer a cloud service to our customers, that noticeably will provide a great help during the mould/progress assembly design. This service is included within the VISI module at no extra cost.

Milling

VISI 2025.4 offers to our customers the best-in-class technology available within the Hexagon Group constantly improving our capabilities and performances. In this release the focus has been on reducing the unnecessary toolpath movements, providing better quality toolpath, and improving calculation speed.

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HEXAGON

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Manufacturing Intelligence division provides solutions that utilise data from design and engineering, production and metrology to make manufacturing smarter. For more information, visit hexagonmi.com.

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