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DOVID designers at IQ Structures are supported with AI



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A holographic portrait of Frida Kahlo demonstrates some new possibilities.

REZ, CZECH REPUBLIC, January 8, 2024 /[EINPresswire.com](https://www.einpresswire.com/)/ -- IQ Structures, a research and manufacturing organization focused on controlled nanostructures, a member of IQS Group, has started using [artificial intelligence](#) to enhance the utilisation of potential of its creative staff during dovid (diffractive optically variable image device) designing. One of the first such DOVIDs is a portrait of Mexican artist Frida Kahlo, literally packed with sophisticated visual effects.

Human creativity is the most valuable thing we have, so that we don't want our people to waste their efforts on something that artificial intelligence can do."

— Robert Dvorak, managing director, IQ Structures

IQ Structures usually uses five or more types of AI software tools in a number of areas during the design process. Among others:

- Designers can generate many proposals and alternatives for particular parts of a dovid.
- It is now possible to cover large areas with sophisticated and detailed ornaments that would otherwise take weeks.
- Artificial intelligence helps to efficiently

write software to control measuring instruments and other auxiliary devices.

- Creating advanced concepts and models that allow the customer to make fully informed decisions during the approval process.

As a result, the time required for certain tasks has been reduced by more than half. It is a step into a world where artificial intelligence will liberate human creativity and help designers to create even more beautiful works than before.

Robert Dvorak, managing director of IQ Structures, says: "Our products are preferred by customers and win prizes because of their technological edge, but also because human creativity is the most valuable thing we have. The time our mind spends on routine tasks is a minimum."

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