

# IMAGE FORGERY DETECTION AND LOCALIZATION SERVICE

developed by CERTH



**AIM OF THE TOOL** This service integrates multiple AI-based models to automatically detect and localize image forgeries. More than 10 image forensics and four fusion algorithms are employed to assist in the image analysis. For each, algorithm, a heatmap is generated, highlighting areas of potential manipulation. In addition, the tool provides metadata analysis, GPS-Geolocation and EXIF-Thumbnail, if available.

## MORE INFORMATION

The tool has been developed in previous EU funded projects and enhanced in vera.ai with three complementary approaches, which are documented in deliverable [D3.2 Multimodal deepfake and manipulation analysis methods](#)

**ACCESS TO THE TOOL** The service is accessible through the Verification plugin and Truly Media and as a standalone service at [MeVer demo](#).

**CONTACT** Media Verification team of Centre for Research and Technology, Hellas | Symeon Papadopoulos [papadop@iti.gr](mailto:papadop@iti.gr)



The vera.ai project has been co-financed by the European Union, Horizon Europe programme, Grant Agreement No 101070093. Additional funding from Innovate UK grant No 10039055 and the Swiss State Secretariat for Education, Research and Innovation (SERI) under contract No 22.00245

