

# Definiens Extension for ArcGIS

Definiens (Germany) has unveiled Definiens Extension for ArcGIS, which allows organisations to combine ESRI's GIS technology, ArcGIS, with the Definiens Enterprise Image Intelligence Suite of products to better leverage the value of information contained in earth observation and remote sensing images.

Having joined the ESRI business partner program as an ArcGIS Integration Partner, Definiens provides a simple-to-use iterative workflow for the ArcGIS environment to enrich GIS applications with additional intelligence from images, producing accurate and detailed map data in a standardised and cost-efficient way.

Definiens Extension for ArcGIS supports GIS users by improving their efficiency, providing deeper insights and faster mapping capabilities. This technology provides organisations with a solution for fast and intelligent feature extraction, object recognition and change detection. In addition, data management connectivity enables Definiens' applications to interact directly with the geodatabase. ESRI customers can enrich their GIS applications with detailed, accurate and area-wide geospatial information from all modern remote sensing sensors such as aerial, satellites, SAR, Lidar and hyperspectral sensors, etc.

With a simple and efficient workflow, users can now easily access Definiens Enterprise Image Intelligence Suite of products for highly automated image analysis capabilities, without leaving the ESRI environment. No time consuming file exchange or post-processing of automatically extracted features is necessary. The workflow is ideal for the modular design of automated image analysis applications and delivers more robust and transferable analysis results.

Broadly available in July 2007, Definiens Extension for ArcGIS supports all Desktop ArcGIS products; ArcView, ArcInfo and ArcEditor. It also extends the functionality of ArcCatalog and ArcMap with automated image intelligence applications.

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<https://www.gim-international.com/content/news/definiens-extension-for-arcgis>

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