

European Space Imaging | Benjamin Lieberknecht



Biography

Benjamin Lieberknecht, Sales Manager, European Space Imaging, has over 5 years' experience within the geospatial industry. Graduating with a Geography B.Sc. in Würzburg and Applied Geoinformatics M.Sc. from the University of Salzburg, he was involved in several remote sensing projects together with DLR (German Aerospace Centre) in Central Asia applying object based analysis to Landsat data during his studies. He began his career at European Space Imaging in 2015 within the Customer Support department overseeing ESA Copernicus and other projects. In 2019 he was promoted to Sales Manager and is primarily responsible for customers in Central Europe and internal development projects. During his time at European Space Imaging he has honed his skills in working with elevation models, feature layers and VHR satellite imagery, their specifications and the ways to acquire them.

Abstract

Increasing Capacity Increasing Resolution

When it comes to optical satellite imagery there are two paramount questions for any project: what is the highest possible spatial resolution available and what is the revisit rate of the satellites? Through their unique partnerships, European Space Imaging currently have access to 25 satellites in orbit with a combined revisit daily rate of close to 10 times per day and with resolutions as high as 30 cm – the best commercially available. Through innovative technology the spatial resolution can be enhanced to 15 cm HD, comparable to aerial imagery. In 2021, this capacity is set to rise with additional satellites planned to launch throughout the year to provide high resolution, high frequency and affordable geospatial data to Europe.

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