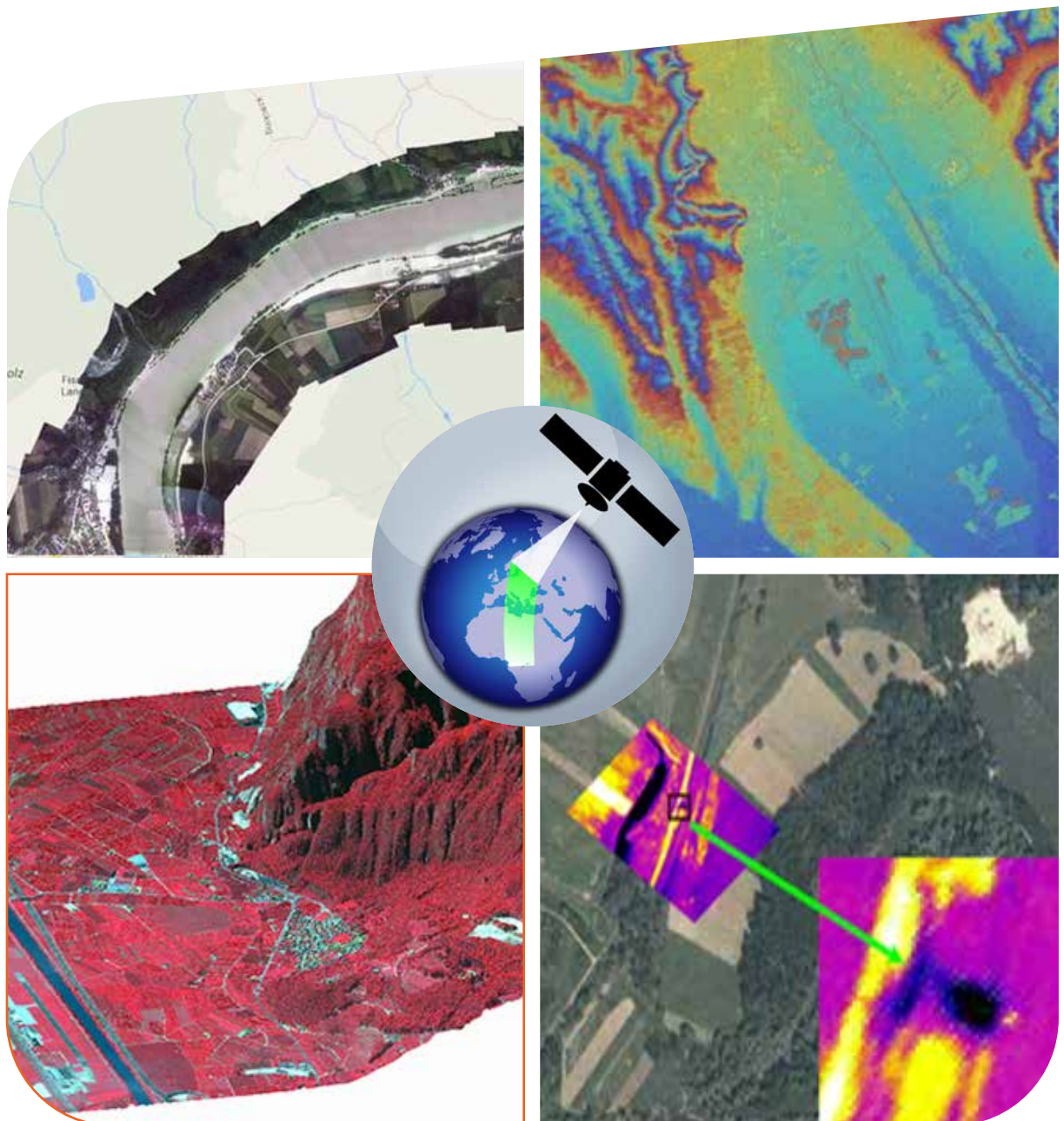
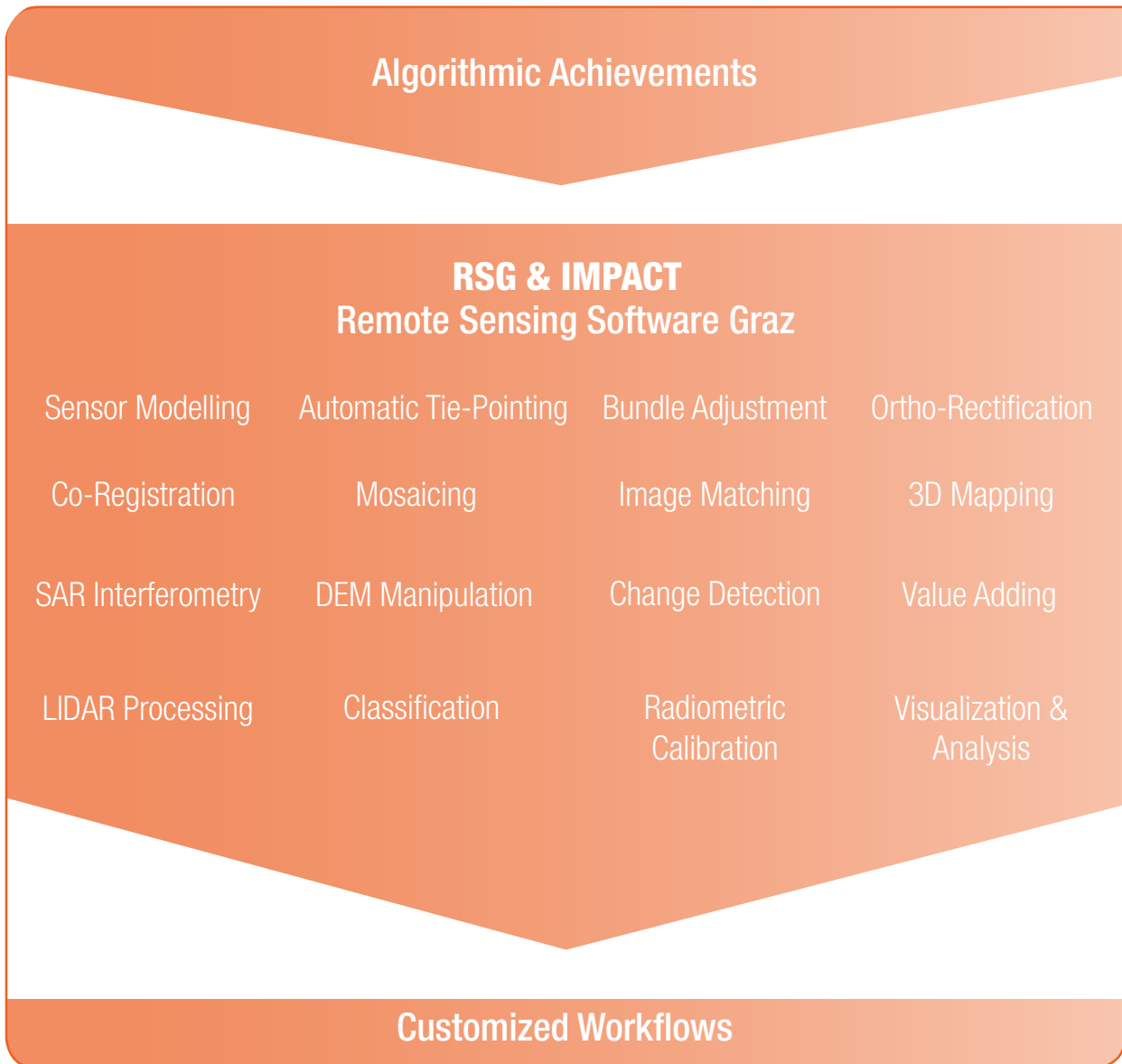


Remote Sensing Software Graz

All-in-one-Solution for all Data Types and Sources



How it works



- Platform independent, running on Windows and Linux
- Modular design & high flexibility
- Interactive menu-driven & batch operating

- Automatic execution via command lines & scripts
- Simple creation of processing lines
- Execution of custom-tailored workflows

Application-specific Toolboxes



RSG-Photo

- Near-real-time direct ortho rectification
- Aerotriangulation
- True ortho-photo generation and image mosaicking (RGB, NIR, thermal)
- DSM / DTM / nDSM production



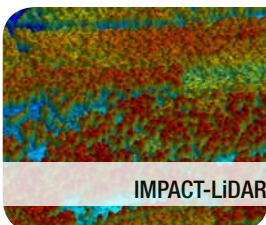
RSG-Space

- Georeferenced multi-sensor image stacks
- 3D mapping (photogrammetry and radargrammetry)
- Large area small scale DSM / DTM / nDSM generation
- Multi-sensor image matching (optical and SAR)



RSG-InSAR

- Surface mapping
- Landslide monitoring
- Ice/glacier movement
- Persistent scattering methods



IMPACT-LiDAR

- Derivation of forest parameters
- Forest stability
- Forest inventory support
- Carbon assessment in tropical countries for REDD initiatives

Supporting a Variety of Image Data

High resolution optical
Ikonos, WorldView, QuickBird, GeoEye, Pléiades

High resolution SAR
TerraSAR-X, COSMO-SkyMed, Radarsat-2

Aerial cameras
Ultracam, PhaseOne, Prosilica
(RGB, NIR, thermal)

LIDAR data

Medium/low resolution optical
Landsat 4-8, Spot 1-6, JERS-OPS, IRS-1C/D, IRS-P5, Aster,
Envisat-MERIS, Alos-AVNIR, Alos-PRISM, RapidEye, Sentinel-2

Low/medium resolution SAR
ERS-1/2, JERS-SAR, X-SAR, Envisat-ASAR, Radarsat-1,
Alos-PALSAR, Sentinel-1

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