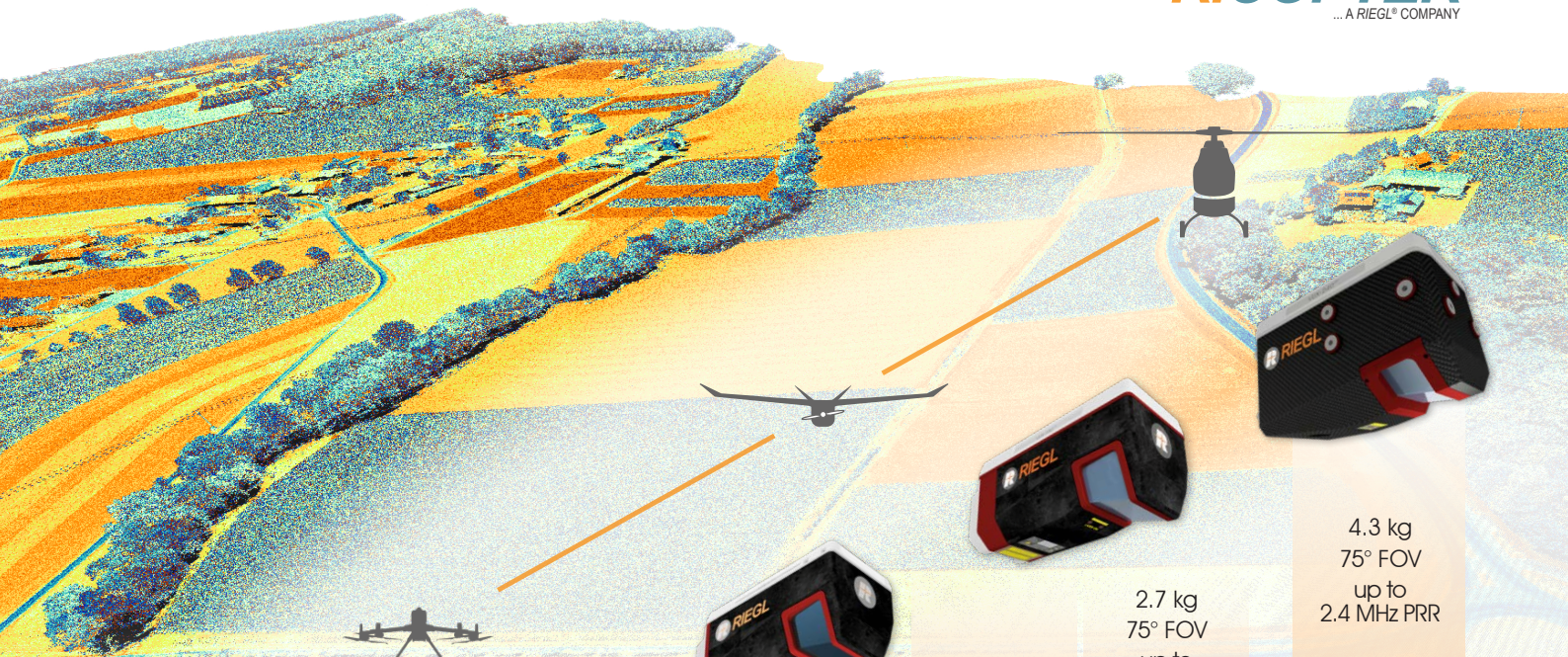
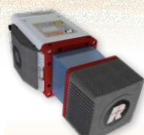
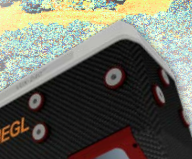


RIEGL UAV LiDAR SENSORS & SYSTEMS

CHOOSE THE SENSOR EXACTLY RIGHT
FOR YOUR SPECIFIC SURVEYING MISSION!

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 1.6 kg 360° FOV up to 400 kHz PRR up to 150 lines/sec extremely lightweight	 3.5 kg 360° FOV up to 1.5 MHz PRR powerful sensor for various applications in wide area UAV surveying	 2.2 kg up to 160° FoV up to 1.5 MHz PRR scan speed up to 200 lines/sec fully integrated RiLOC-F^{inside} IMU/GNSS system (optional)	 2.3 kg 100° FOV up to 2.4 MHz PRR fully integrated RiLOC-F^{inside} IMU/GNSS system (optional) NFB (Nadir/Forward/Backward) Scanning	 2.6 kg 100° FOV up to 2.4 MHz PRR fully integrated RiLOC-F^{inside} IMU/GNSS system (optional) NFB (Nadir/Forward/Backward) Scanning	 2.7 kg 75° FOV up to 2.4 MHz PRR fully integrated RiLOC-F^{inside} IMU/GNSS system (optional) scan speed up to 800 lines/sec, resulting in an optimal line and point distribution	 4.3 kg 75° FOV up to 2.4 MHz PRR operating flight altitude up to 1,430 m (4,700 ft) @ 60% target reflectivity versatile scanner for use on high-speed UAVs, helicopters or small manned aeroplanes
miniVUX-1UAV miniVUX-3UAV NEW miniVUX-4UAV	VUX-1 UAV²² VUX-1LR²²	VUX-100²⁵	VUX-120²³	VUX-160²³ / VUX-180²⁴	VUX-240²⁴	

for applications using low-flying small or mid-sized multi-rotor UAVs
e.g. mining, topography, forestry, landslide and avalanche monitoring

for applications using fixed-wing UAVs
e.g. corridor mapping, city modeling

for applications using higher-flying large UAVs or helicopters
e.g. mapping with the need of detailed high-resolution data



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