

DRONE APPLICATION CATEGORIES AND METHODS

To structure the vast number of applications in the drone space, the below listed categories shall help to get a better understanding of the individual methods. In general, we distinguish between "sensing" (which includes all applications

where data is recorded in close proximity or on remote) and "action/interaction" (which includes optical, acoustical and/or physical interaction with someone or something). ■



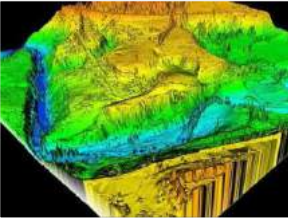





SENSING		ACTION/INTERACTION	
	<p>Photography and Filming</p> <p>Aerial use of cameras to capture images and the production of aerial videos for all entertainment or advertising purposes.</p>		<p>Spraying and Dispensing</p> <p>Aerial distribution of solids (e.g. fertilizer or seeds), or the process of spreading liquid substances (e.g. water, insecticide or fertilizer)</p>
	<p>Mapping and Surveying</p> <p>Creating a simple or very accurate diagrammatic representation of a given area, to study or measure altitudes, angles, distances</p>		<p>Delivery</p> <p>Transportation of packages, food, pharmacies, or other goods either on demand or according to a given schedule.</p>
	<p>Inspection</p> <p>Examination of a given object to find faults, errors, malfunctions or other specific phenomena that might affect the functioning of it</p>		
	<p>Localization and Tracking</p> <p>Observing, seeking and supplying the geographical coordinates of activities, persons or life-stock, or detecting certain activities.</p>		
	<p>Other</p> <p>Warehousing, Measuring, Electromagnetic Surveys, GPR Surveys, Close-Proximity Sensing, Contac Sensing</p>		<p>Other</p> <p>Dropping, Announcing, Illuminating, Transmitting Interacting, Entertaining</p>

Figure 7: Drone application methods