

## Thursday, March 24<sup>th</sup>

8:00 – 9:00 am	<b>The challenge of Photogrammetry</b> <ul style="list-style-type: none"><li>• How measurements are extracted from images</li><li>• How drones serve the challenge</li><li>• What are the main outcomes to attend today's market?</li></ul>
9:00 – 10:00 am	<b>The challenge of LiDAR</b> <ul style="list-style-type: none"><li>• How reality is transformed into digital twins (the integrated data)</li><li>• How drones can support and use all LiDAR Tools to acquire data</li><li>• What are the main LiDAR outcomes to empower the support of spatial data for real-world solutions?</li></ul>
10:00 – 11:00 am	<b>Break</b>
11:00 – 12:00 pm	<b>The challenge of 3D data (for) into digital twins</b> <ul style="list-style-type: none"><li>• How Photogrammetry and LiDAR can empower your drone business.</li></ul>
12:00 – 1:00 pm	<b>The Pix4D processing platform</b> <ul style="list-style-type: none"><li>• Overview of the technology</li><li>• How to select the most suitable processing modules to implement your profitable workflow.</li></ul>

## Friday, March 25<sup>th</sup>

8:00 – 9:00 am	<b>Uncover Pix4Dmapper</b> <ul style="list-style-type: none"><li>• Highlighting pros/cons of a typical drone data processing workflow</li><li>• How to integrate LiDAR data to generate an orthophoto seamless mosaic</li><li>• How to improve productivity</li><li>• How to evaluate the quality</li></ul>
9:00 – 10:00 am	<b>Uncover Pix4Dmatic</b> <ul style="list-style-type: none"><li>• What are today's challenges to produce drone mapping?</li><li>• How to implement a more cost-effective data processing workflow</li><li>• How to use the Pix4Dmatic software to (challenge) obtain your requirements</li></ul>
10:00 – 11:00 am	<b>Break</b>
11:00 – 12:00 pm	<b>Uncover Pix4Dsurvey</b> <ul style="list-style-type: none"><li>• How to integrate Drone Photogrammetry and LiDAR outcomes</li><li>• How to make use of and edit ASPRS data classifications of your LiDAR</li><li>• How to make use of Artificial Intelligence to remove data inconsistency</li><li>• How to classify/edit surface elements to generate a reliable ground representation</li><li>• How to (generate) create a Digital Elevation Model – TIN – Mesh – Contour-Lines</li><li>• How to integrate GIS data with your 3D Digital Twin</li><li>• How to automatically extract key elements</li><li>• How to transform the integrated 3D data set into vectors to edit/export to GIS</li></ul>