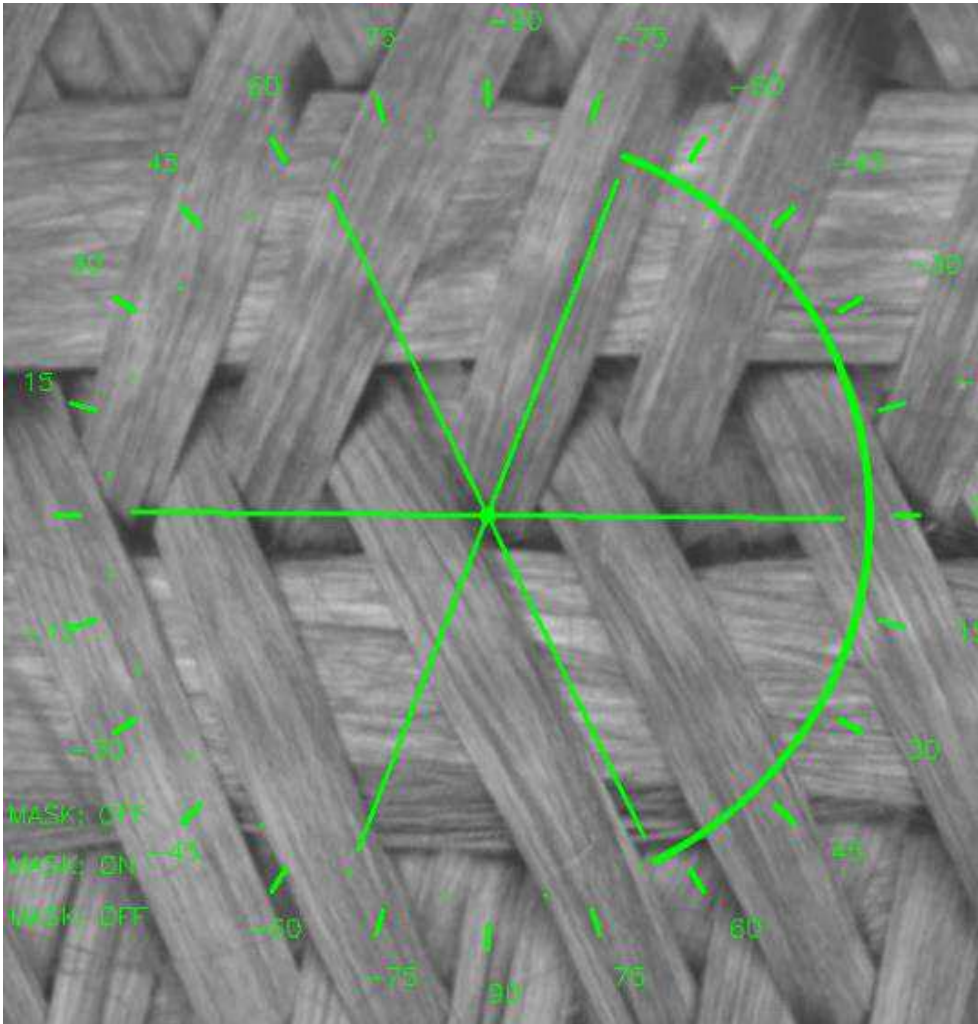


## Apodius Vision System – AVS Custom Machine setting and quality assurance for CFRP braided frames



### Your Challenge:

- Lack of sufficient knowledge of the local fiber orientation of your braided products and preforms.
- No validation of your machine setting to assure local fiber orientations.
- No evidence of process capability for your braiding production.

### Our Solution:

- **AVS Custom** sensor solution for braided products.
- Robust measurement of superimposed orientations: both stationary and braiding fibers, and any common material combinations.
- Actual-theoretical comparison for the machine setting of the braiding process, validation regarding construction as well as braiding simulation.

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### Your Benefit:

- Contract measurements : We provide measurement and analysis of your braids.
- Manufacturing integration: We provide product specific settings for your braiding machine to assure local fiber orientation.
- Gauge Capability: We provide evidence referred to VDA5 and MSA.