



AzureLite is a 3D software program that not only provides all of the tools necessary to design top quality mainsails, genoas and spinnakers (symmetric and asymmetric) but also in significantly less time.

AzureLite is user-friendly, easy to learn and extremely accurate.

Using AzureLite you can design:

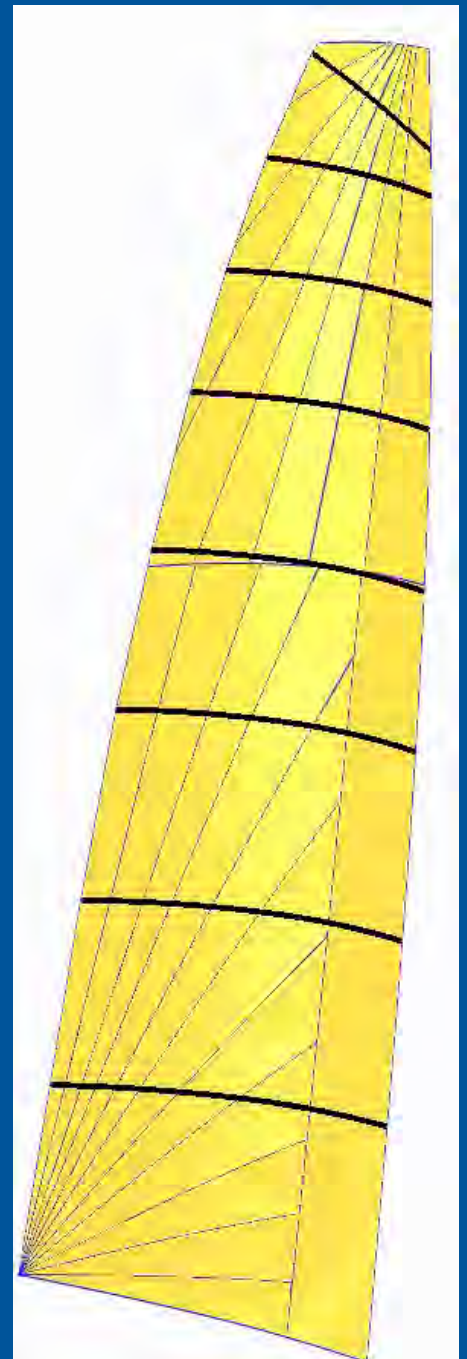
- Mainsails and Genoas,
- High clew genoa, Code0
- SPINNAKERS symmetric and asymmetric

For any type of sail, you can accurately

- DEFINE:
 - Rig
 - Sail sections and foot curve
 - Luff, leech and maximum camber curve
 - Battens and roaches
 - Details: cunningham, reefing lines, telltales, windows, draft stripes and slide eyelets
- APPLY vector drawings on sails from DXF files, for anything, ranging from sail numbers to logos and pictures.
- DO any type of:
 - Patches: stack, radial and fan
 - UV Covers
 - Panel layout: cross-cut, radial and mitre cuts

Additional functionalities:

- CREATING CUSTOM MEASUREMENTS
- IMPORTING/EXPORTING of sail moulds, curves, panels, UV covers, patches
- Detailed Broadseam Analysis
- Checking compliance with IMS or Custom Measurements
- PRINTING/SAVING:
 - Any 3D view in *.pdf format
 - Patch/Panels in *.ntv, *.psxml, *.dxf files format
 - Production sheet with panel layout, printed panels, numbers and measurements



PANEL LAYOUT

AzureLite allow for the creation of any type of panel layout:

- Cross-Cuts with shape on 1 or 2 edges
- Vertical/Radial cuts with shape or straight on 1 or 2 edges.
- Fan-cut
- Mitre cuts for old style sails

Paneling is easy and fast. Designers can:

- Set seam direction (e.g. parallel to water)
- Fix panel width and/or angle (for radial panels)
- Opt for the English seam style

AzureLite allows creating any type of UV covers. Designers can:

- Create any UV cover shape: the outline can be either a smooth spline curve or a set of straight lines
- Add cutting lines
- Assign materials to each cover's piece



Patch layout

AzureLite allows the user to design

- STACK, RADIAL and FAN Patches in all possible positions
- In multiple layers
- Assign materials to different patches

MAIN BENEFITS

SAVE time and material. Super computational accuracy eliminates the need for traditional 'second layout' fairing of assembled sail edges.

Highly FLEXIBLE design tools enable the design of all types of sails.

ACCURATE sail shape, thanks to the various design parameters available.

EASY TO LEARN: no need to learn complicated procedures and methods.

EASY TO USE: the graphical user interface is intuitive and has all the features needed.

COMPLETE sail corner reinforcement patch and UV-covers design tools included.



ABOUT SMAR AZURE

UK-based and founded 10 years ago by Dr Sabrina Malpede and Dr Alessandro Rosiello, SMAR Azure has grown substantially over the years in terms of its team of dedicated professionals, yachting-specific technology and product portfolio. Our R&D team comprises three expert software developers and three specialists in CFD and FEM/FEA. Our products and services have been chosen by over 180 clients in 27 countries and across various segments of the yachting industry.

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