



## Proven and powerful fiber simulation and seamless design-analysis integration for fiber-reinforced structures

*“Advanced fiber simulation”*

CATIA CD3 or HD2

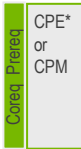


### Advanced Fiber Modeler (AFM) for CATIA V5 / V6

Provides seamless access to advanced fiber simulation

- Allows rapid optimization of producibility
- Supports curves constraints and sequential draping, with instant flat patterns
- Generates accurate flat patterns, draped patterns and fiber orientations

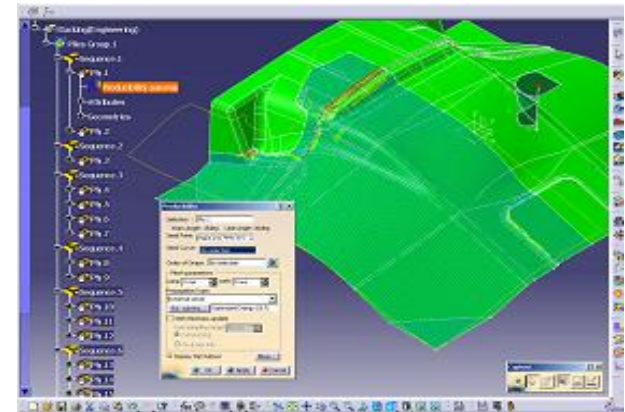
CATIA CD3 or HD2



### Composites Link for CATIA V5 / V6

Allows designers and analysts to communicate effectively during the composites development process

- Imports laminates/sections defined in finite element models into zones
- Imports updated plies from analysis and allows efficient review and acceptance of changes
- Exports the ply stacking to a layout file for transfer to a finite element model for detailed stress calculations



#### Targets

- Aerospace , Motorsport, Automotive, Marine, Energy, Leisure and other industries requiring high-performance fiber reinforced structures

#### Customer Benefits

- Robust fiber simulation even on complex surfaces
- Speed and quality of the flat patterns
- Integrated design and analysis processes
- Saves time, improves quality and prevents errors

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Mechanical Design



Simulation

