ESI Group (1/2)

"get it right®"

SOFTWARE PARTNER V6 Member

SOFTWARE PARTNER V5 Gold Partner

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CATIA CD3 or HD2

Coreq Prereq: CPE* or CPM* –

(*) only for HD2

- **PAM-QUIKFORM** for CATIA V5

Feasibility assessment for composite parts

  - Prediction of the deformation of composite parts reinforcement
  - Calculation of flat patterns

CATIA ME2

Coreq Prereq: CPE EST* MTD FMS FMD

- **PAM-RTM** for CATIA V5

Liquid Composites Molding (LCM)

  - Simulation of resin injection/infusion through fibrous reinforcements
  - Development of new tooling and processes for composite materials

CPDworkbench

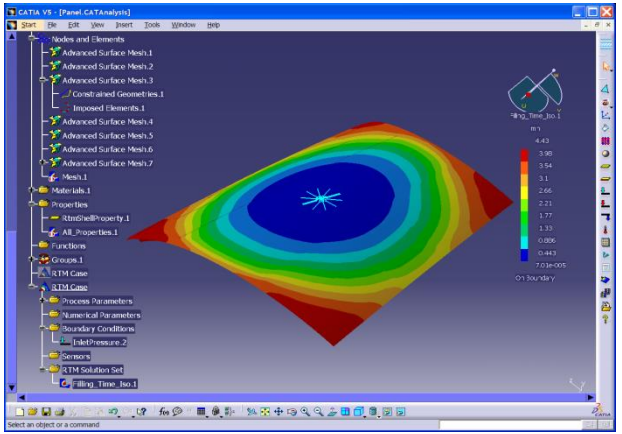
Coreq Prereq: CD3

- **CPDtoESI** for CATIA V5

Data transfer from CPD workbench to ESI Manufacturing Solution

  - Export of XML file containing CPD data
  - Automatic definition of zones and equivalent material properties based on XML file data in PAM-RTM

(Click here for Industry Legend)



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ESI Group (2/2)

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CATIA AC3 or HD2

Coreq Prereq: GPS, KE1, KWE

- **PAM-TFA** for CATIA V5

Transparent Formability Analysis (TFA)

- A dedicated solution for component feasibility and cost estimating
- Formability check of the part
- Design optimization taking into account formability constraints

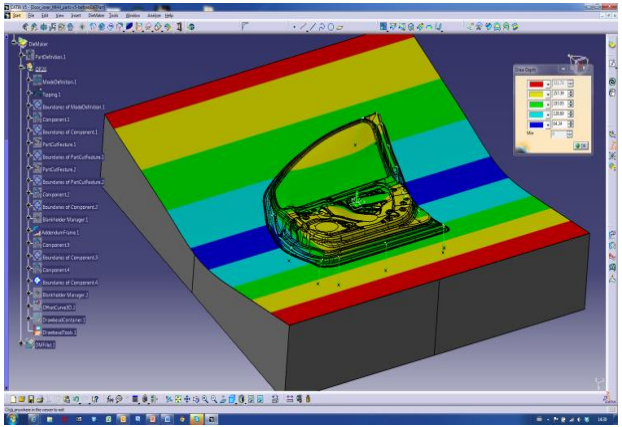
CATIA HD2

Coreq Prereq: –

- **PAM-DIEMAKER** for CATIA V5

Rapid die design and optimization

- Direct creation of the first draft of a die addendum within minutes
- Seamless integration of parametric tool geometry
- Powerful interactive tools and functions for part preparation, binder development and die addendum design



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