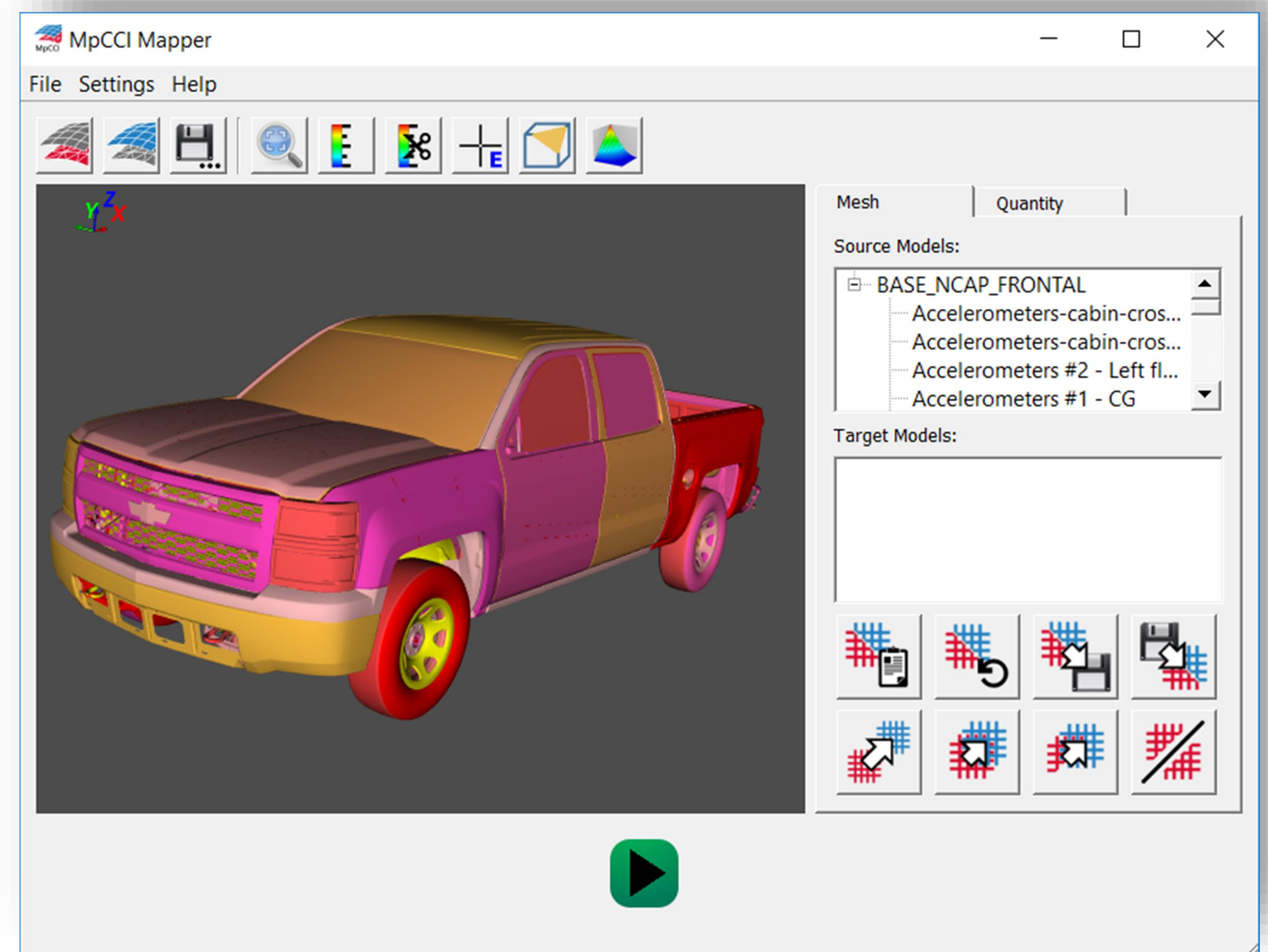


MpCCI
Mapper

Mapping in integrated virtual process chains

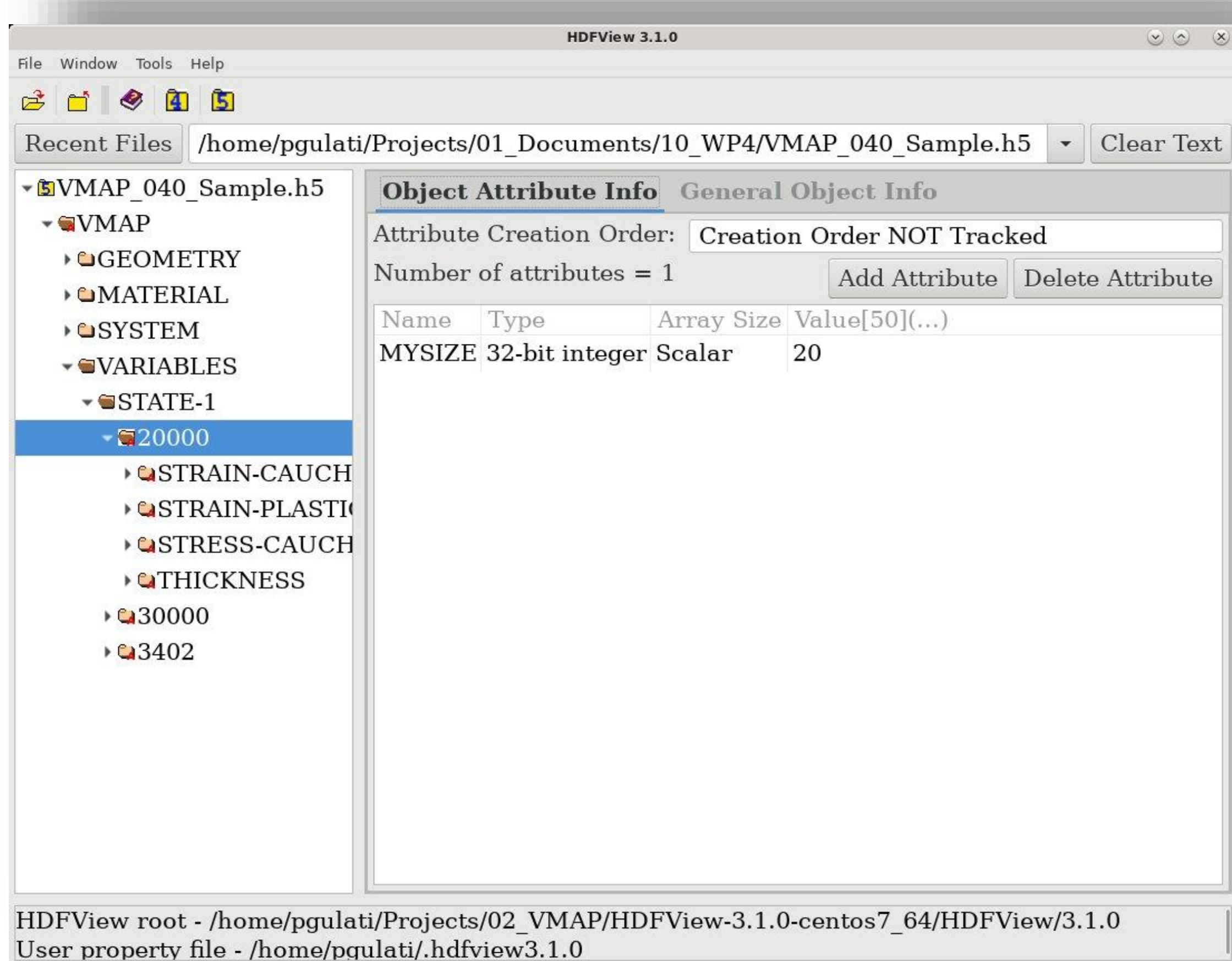
MpCCI Mapper features

- Automatic mesh positioning
- Robust mapping of various solid and shell element types
- Solid to shell and shell to solid
- Support for various mechanical and thermal quantities
- Validation of mapping
- Batch capability



VMAP features

- Multiple parts
- Solid and shell element types
- Scalar, vector and 2nd order tensor state variables
- Nodal, element and integration point data
- Static and transient data
- Python mapping framework



Metals

LS-Dyna
PAM Stamp/Crash
AutoForm
Abaqus
ANSYS Mech.
MSC Marc
MSC Nastran
Simufact Forming,
Welding and Additive
Forge
CORPA FEA
Radioss

Plastics / Composites

Moldflow
Cadmould
B-Sim
LS-Dyna
Abaqus
VTK

Tests

ATOS
ARAMIS
ARGUS
Autogrid
STL

 **Fraunhofer**
SCAI

www.scai.fraunhofer.de

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