

DIGITALTAG 2025



b:digital
A CENIT COMPANY

cenit

Digitaltag 2025



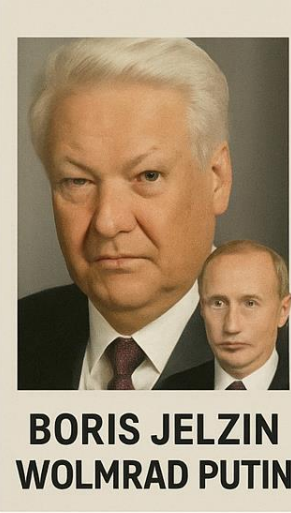
Wer erinnert sich?



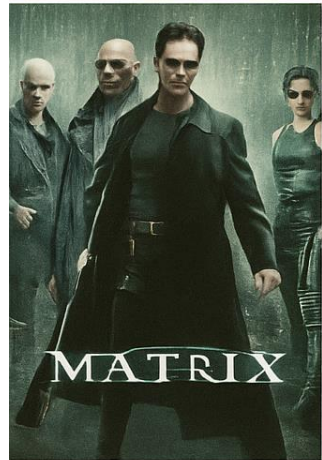
1999



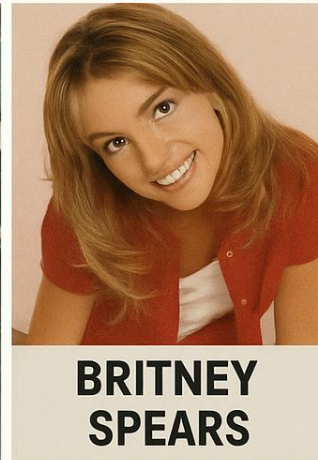
**NATO-KRIEG
IM KOSOVO**



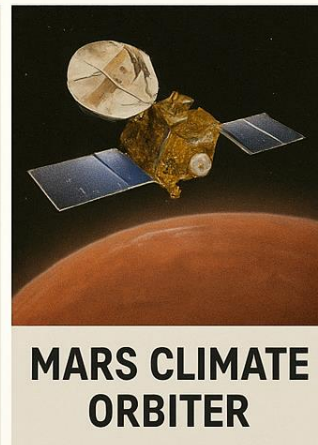
**BORIS JELZIN
WOLMRAD PUTIN**



MATRIX



**BRITNEY
SPEARS**



**MARS CLIMATE
ORBITER**



**STAR WARS
EPISODE 1
THE PHANTOM MENACE**

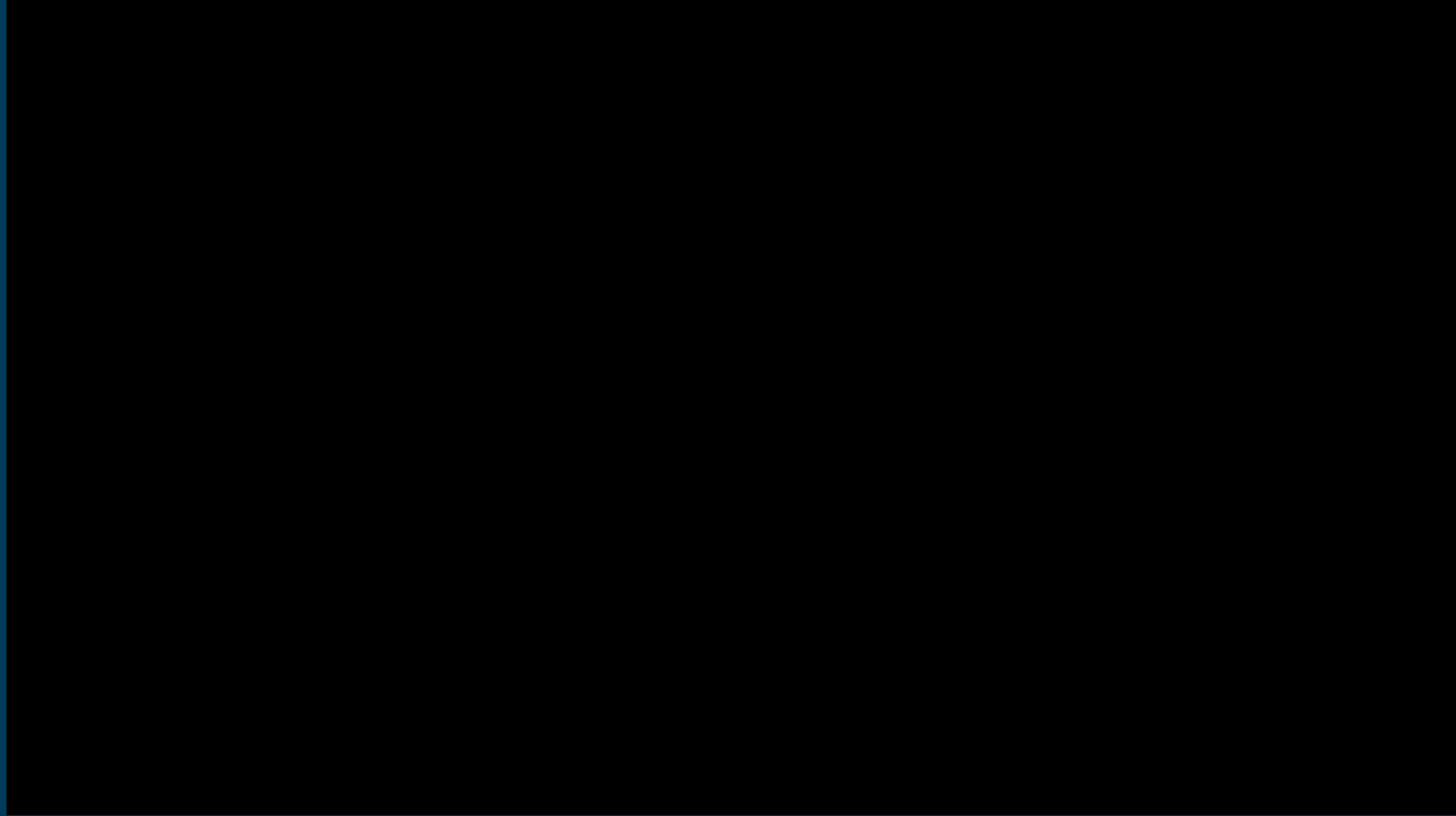
KI generiert

...a star
was
born



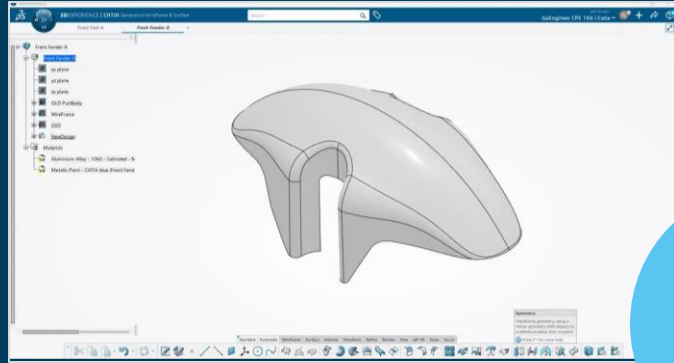


found in www.automobile-catalog.com



BMW Presentation IAA 2025

3DEXPERIENCE® CATIA



3DXML

Established: 2014

Data management:
3DEXPERIENCE

Export of native CV5 files in
different releases: no, just one

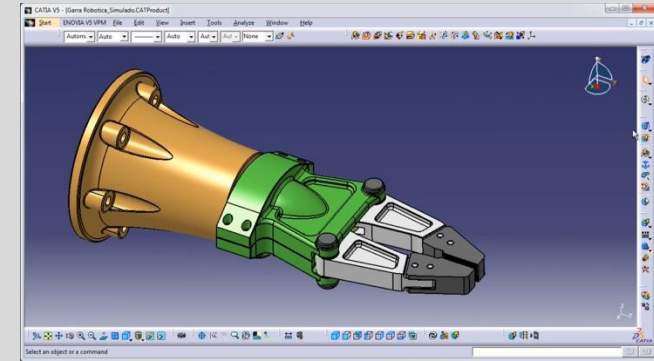
UI / UX: modern

Web Apps: yes

Mobile usage: partial



CATIA V5



Established: 1999

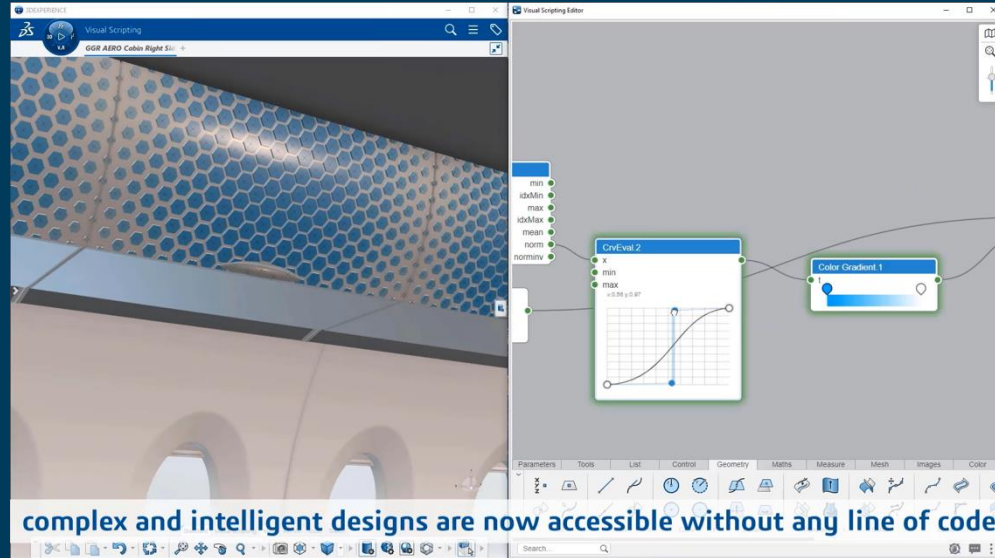
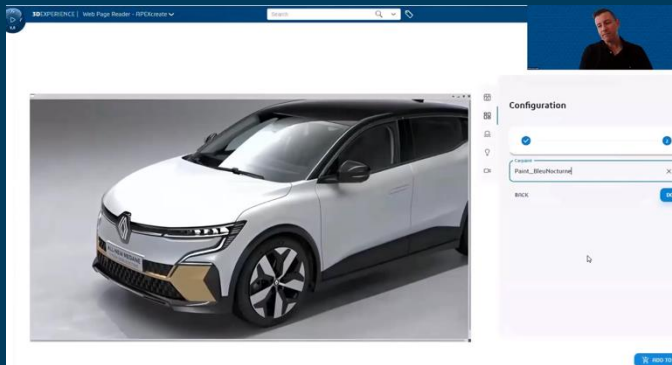
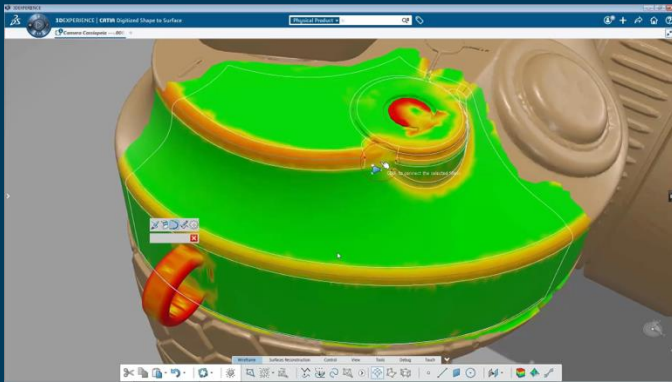
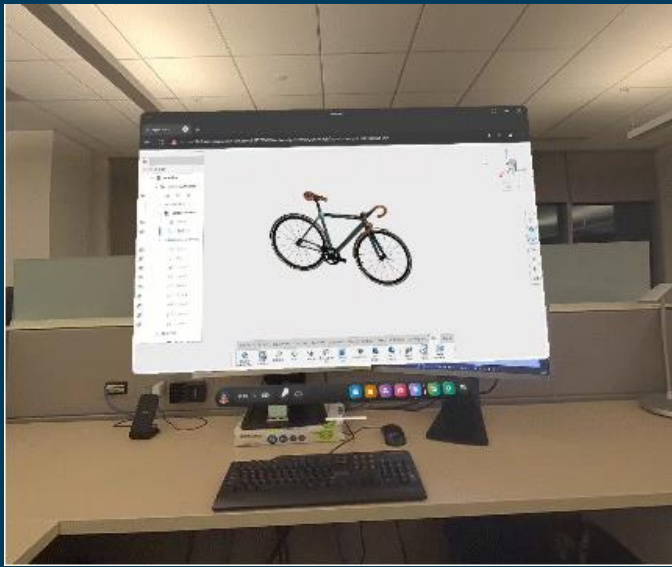
Data management: local files
or additional pdm / plm

Export of native CV5 files in
different releases: possible

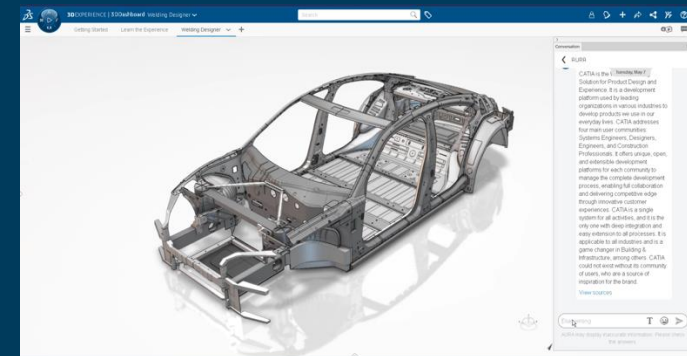
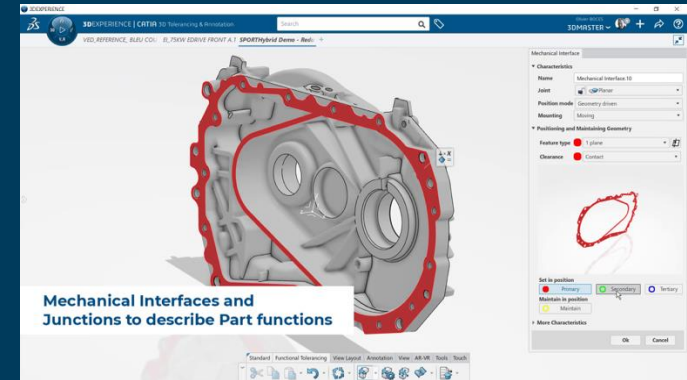
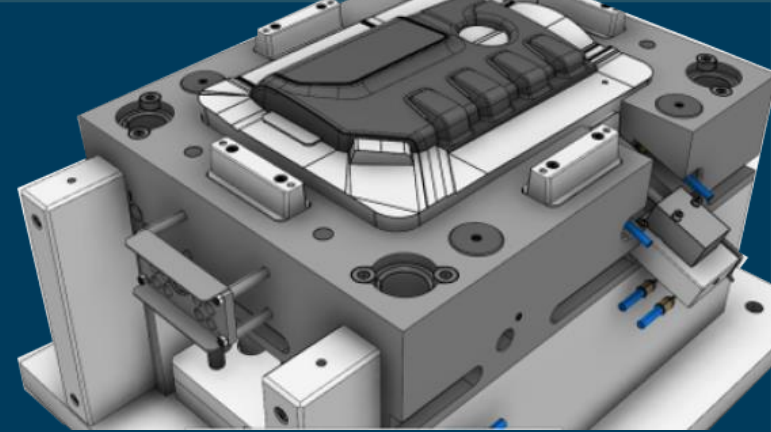
UI / UX: traditional

Web Apps: no

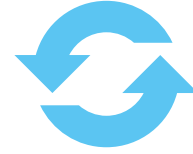
Mobile usage: no



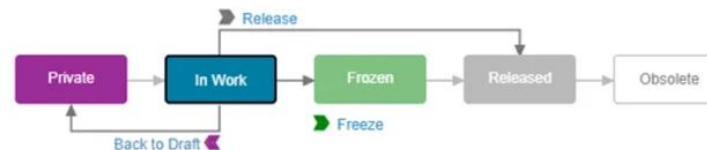
complex and intelligent designs are now accessible without any line of code



Immer aktuelle Daten



- Die Daten auf der 3DEXPERIENCE Plattform werden in Echtzeit aktualisiert
- CAD Daten liegen in der Datenbank einmalig / eindeutig vor
- Mit einfachen Workflows unterstützt die Plattform eindeutige Versionierung / Statuswechsel und Änderungsprozesse
 - Versionshistorie kann einfach angezeigt werden
 - Beziehungen können einfach angezeigt werden



Schnelles Auffinden von Daten



- Schnelles Finden von Daten über die integrierte Suche
- Die „Search Bar“ ist auf jeder Seite und auch im CATIA native Client immer verfügbar
- Es kann nach allen Attributen und Metadaten gesucht werden, z.B. Namen und Nummern, Erstellungszeitraum, CAD Master, Filetyp, Ersteller etc.

3DEXPERIENCE | 3DDashboard 3D Creator Home

Search

Advanced Searches

Source
Select a source to list types

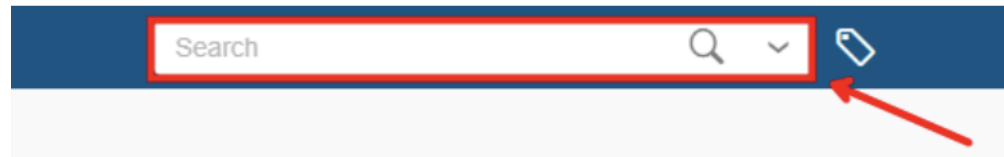
Type
No type for selected source

Extension
No subtype for selected type

Title
Enter text

Name
Enter text

Modification Date
From To



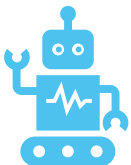
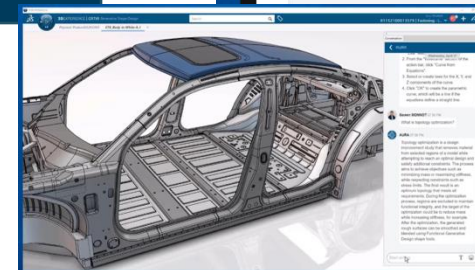
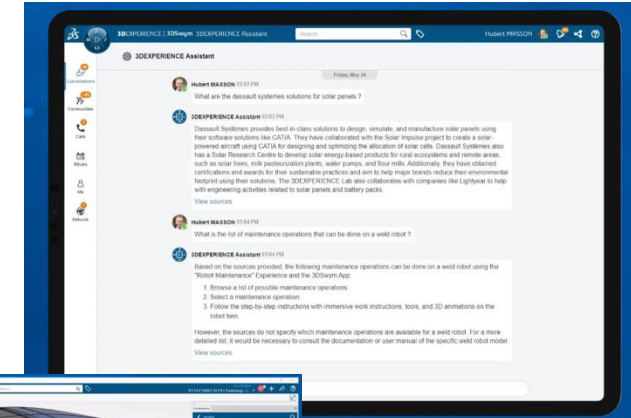
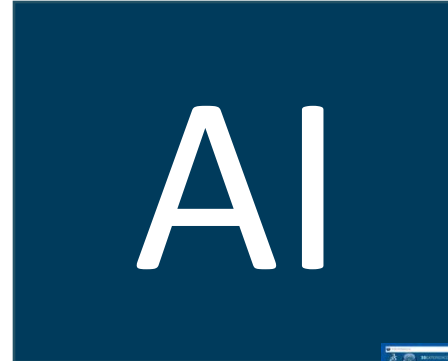
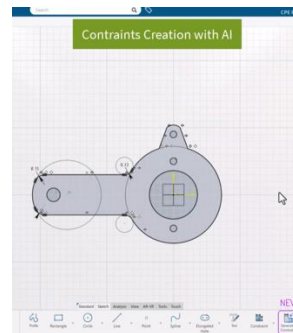
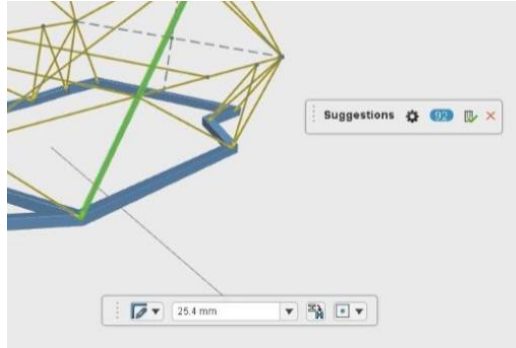
Verbesserte Zusammenarbeit



- Non-CAD User in den Prozess einbinden
- Externe in den Prozess einbinden
- Detailliertes Rollen- und Berechtigungskonzept
- Moderne Collaboration Tools statt E-Mails und „Power Point Engineering“ nutzen
 - Markups erstellen
 - Änderungsanfragen / Anmerkungen direkt in der Datenbank speichern und verwalten
 - Einfaches Viewing für jeden Benutzer



Neueste CAX Technologie



How to start?

Szenarien

- Full Migration
- „Hybrides“ Arbeiten CV5 / 3DX
- CATIA V5 with Cloud Services (PowerBy)



CATIA R2025x Multi-industry Engineering Roles



Virtual To Real Shape Morphing (CATRSO)					
Digitized Shape Preparation (CATDSE)					
Mechanical Surface Refinement (CATSRF)					
Generative Shape Morphing (CATGSO)					
Freestyle Shape Design (CATFSS)					
Freestyle Shape Analysis (CATFS1)					
Shape Healing (CATHA1)					
Generative Shape Develop (CATDL1)					
Generative Shape Design (CATGSD)					
Static Study (SIMSTDY)					
Mechanical Systems Experience (CATKIN)					
Human Design (CATIHU)					
3D Annotation Insight (CATLFT)					
3D Tolerancing & Annotation (CATFTA)					
Part Design (CATPDG)					
Sheet Metal Design (CATSMD)					
Mechanical Systems Design (CATKIM)					
Assembly Design (CATASD)					
Generative Wireframe and Surface (CATGS1)					
Part Design Essentials (CATPD1)					

CATMSE →

HD2 →

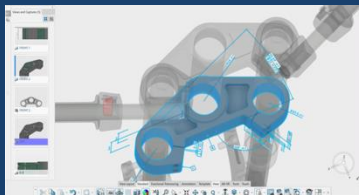
CATMEP →

MD2 →

CAT →



Mechanical & Shape Engineer (M3S)



Mechanical Engineer (M3K)

Mechanical & Shape Designer (MES)



Sheet Metal Designer (SMW)



Mechanical Designer (MDG)

Parallel Use



Für neue Wege



Für klassische Pfade

Unser Angebot für Sie

- „Schnupperkurse“ in Bissendorf und Stuttgart
- CATIA Value Assessment
- Workshop Datenaustausch
- Migrationsberatung / -kalkulation



Schnell.

Flexibel.

Kompetent.

Pragmatisch.

