



AUTOMATED ENGINEERING SOLUTION VIETNAM JSC.

The Leading Solutions Provider for Automated Engineering solutions,
SMART FACTORY 4.0 with Manufacturing Execution System (MES) /
Manufacturing Operation System (MOM) solutions,
and CAE Services, CAD/CAM/CAE/PLM Applications.



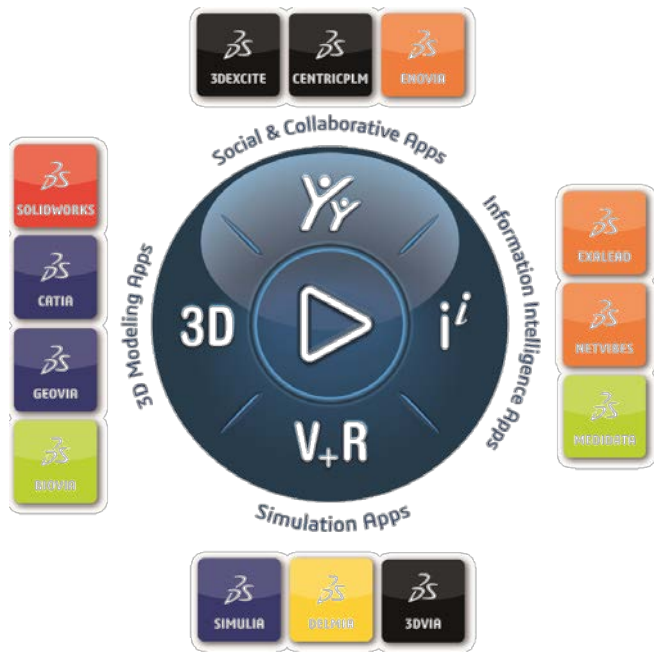
Company Profile for AES

- ✓ Founded in Jan. 2011, AUTOMATED ENGINEERING SOLUTION VIETNAM JSC. (AES) is proud to be the best provider of Automated Engineering solutions, Manufacturing Execution System (MES) / Manufacturing Operation System (MOM) solutions, and CAE Services, CAD/CAM/CAE/PLM Applications.
- ✓ 2 offices, Headquarter in Hanoi, the second office in Ho Chi Minh City
- ✓ Total 16 Engineers with 3 Automation engineers, 4 MES/MOM engineers, 4 Machines Integration engineers, 3 Application Engineers, 2 Simulation engineers who had long time experiences in the relating industries, 4 Sales, 4 Admin.



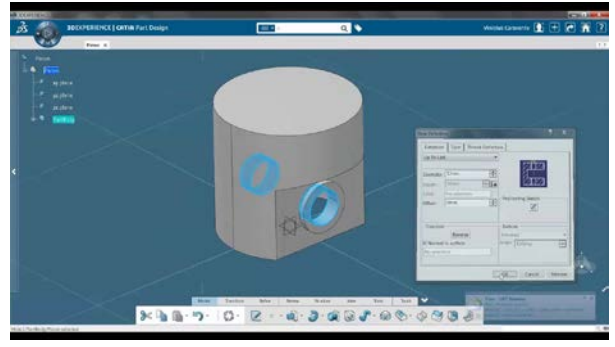
PRODUCTS

Software Distribution



CATIA is the World's Leading Solution for Product Design and Experience. It is used by leading organizations in multiple industries to develop the products we see and use in our everyday lives.

Powered by the 3DEXPERIENCE® Platform, SIMULIA delivers realistic simulation applications that enable users to reveal the world we live in.

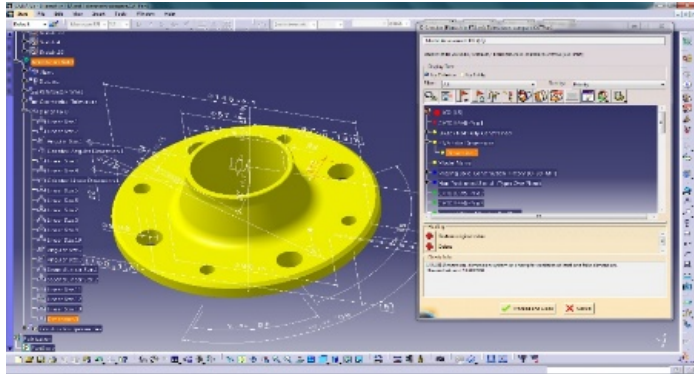


All integrated on one platform
3DEXPERIENCE® Lab






Q-CHECKER



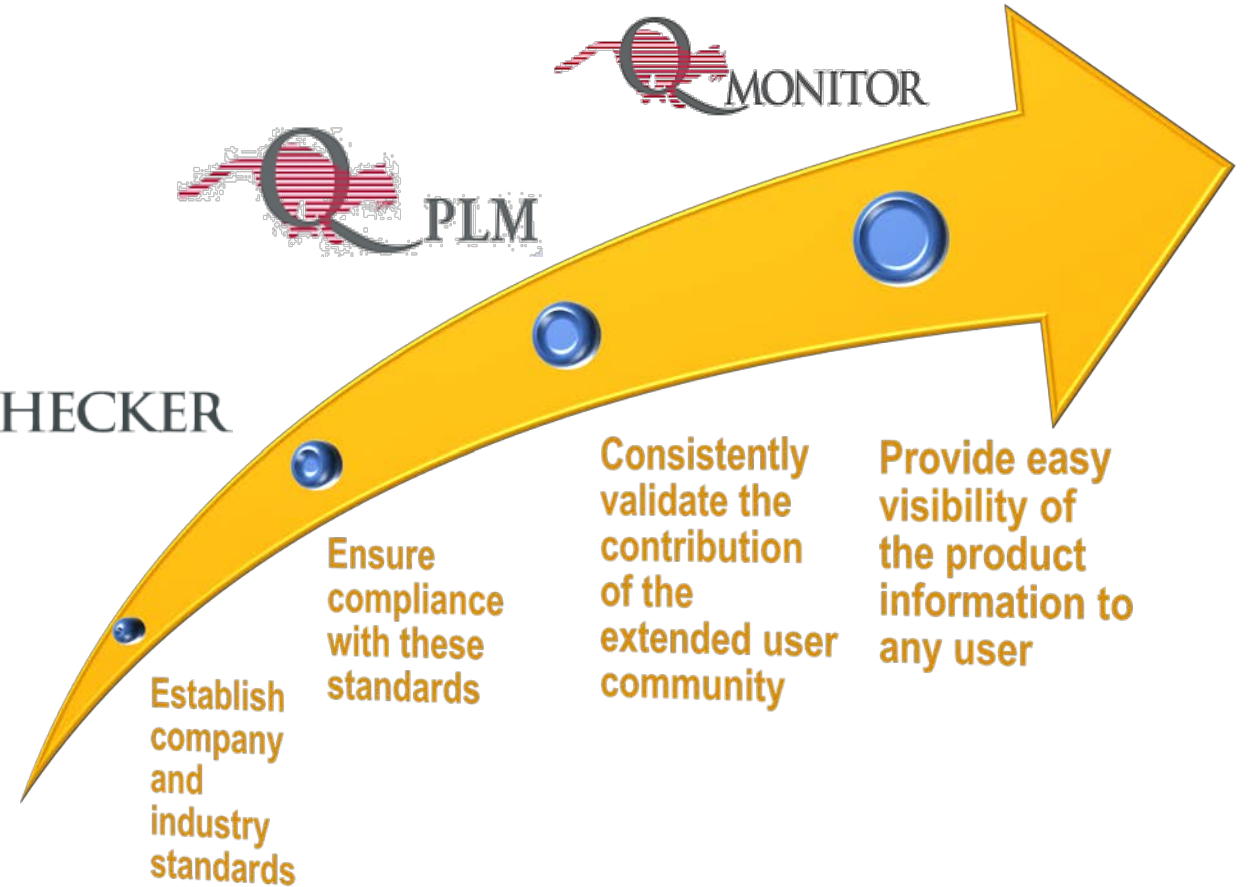
Q-CHECKER



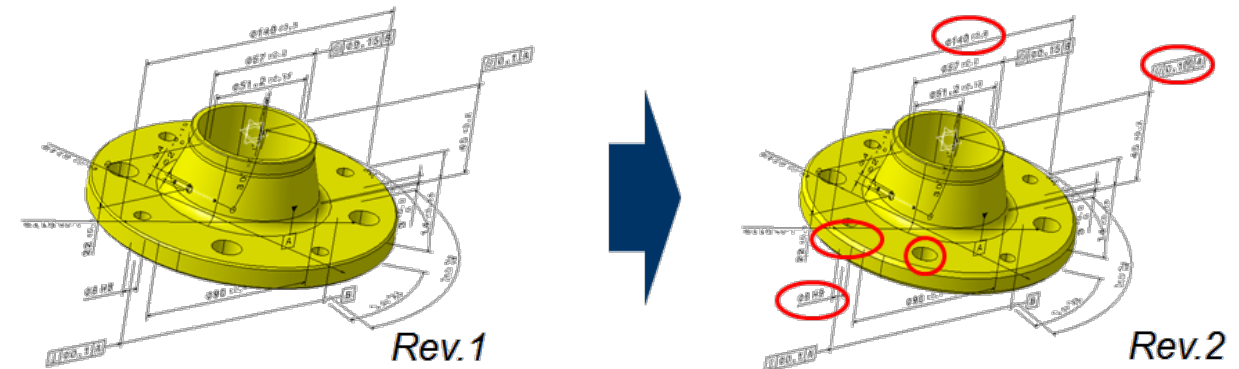
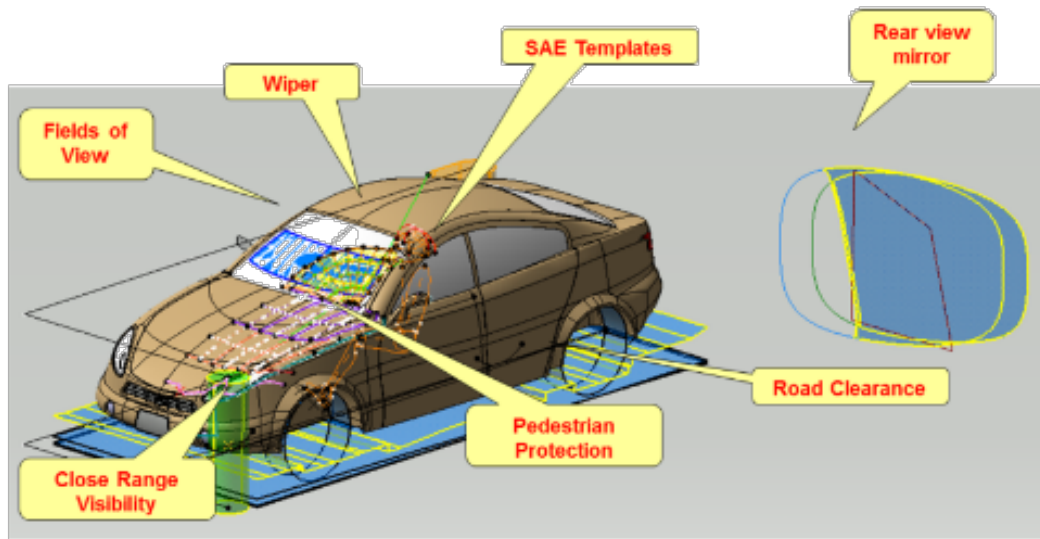
Q-PLM



Q-MONITOR



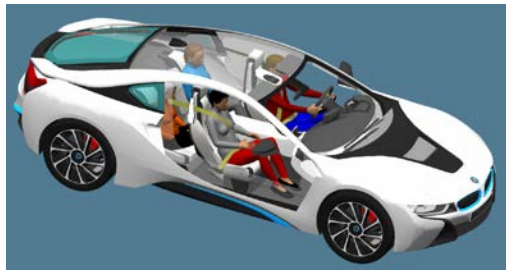
A management system for Product Data Quality (PDQ).



Verifying compliance with international rules, regulations and standards in the design process.

xCompare compares CATIA V5, SMG and JT data to find differences between two revisions.

PRODUCTS *Software Distribution*

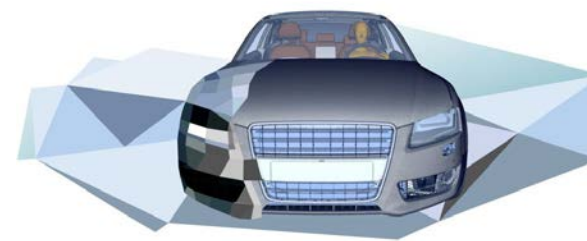


- Ergonomic simulation:
- ✓ Optimal Reachability
 - ✓ Direct and Indirect Vision
 - ✓ Advanced Visual Analyses
 - ✓ Rome and Space requirements
 - ✓ Enough force
 - ✓ Seats
 - ✓ Belt design
 - ✓ Ingress/egress Analyses
 - ✓ Virtual aging

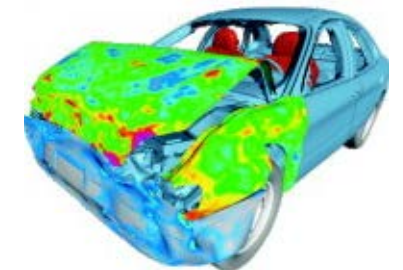
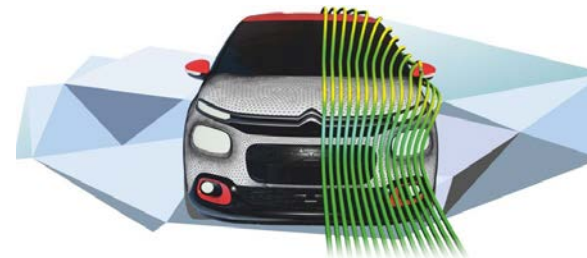
- Simulation of human beings:
- ✓ Realistic test collectives worldwide
 - ✓ Role-based posture calculation
 - ✓ Integration of field studies and statistical data
 - ✓ Animation, movement and the attachment of objects



Advanced CAE preprocessing software.



The high performance multi-disciplinary CAE post-processor.



➤ VERICUT Verification

➤ Machine Simulation

➤ OptiPath®

➤ Force Milling

➤ Force Turning

Force Material: Common1

Force Material: Specialty1 (Actual cost of cutter and material separate)

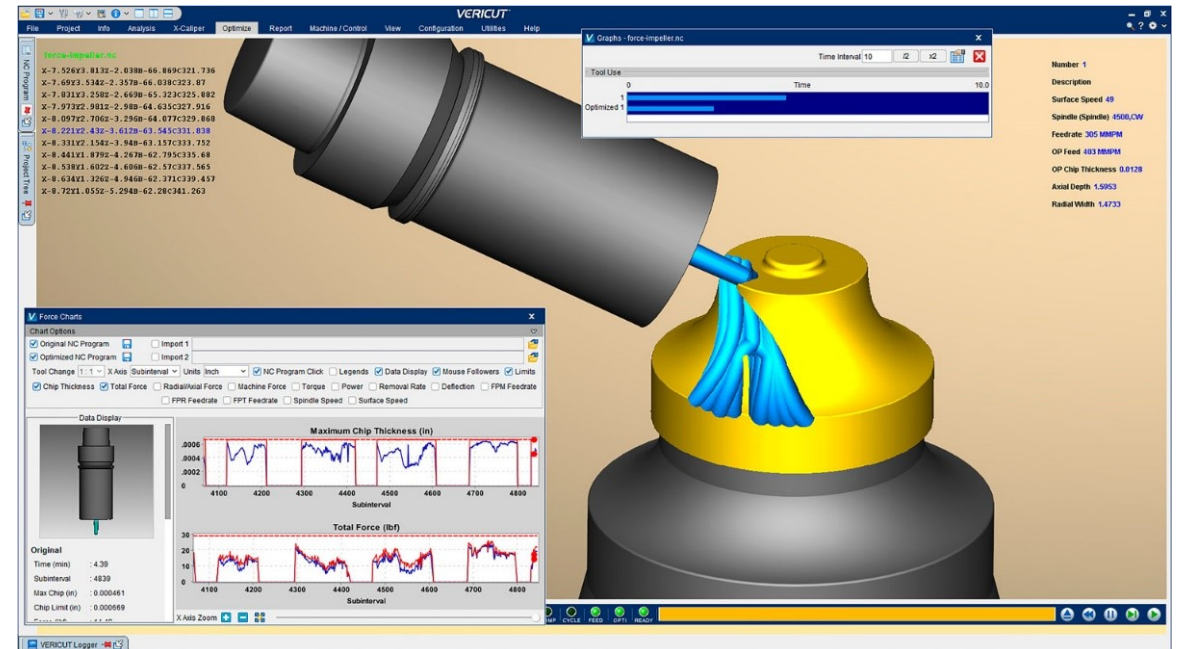
➤ Model Export

➤ Multi-Axis

➤ CNC Machine Probing

➤ AUTO-DIFF™

➤ Additive



APRISO®

THE DIGITAL OPTIMIZATION OF 3 OPERATIONAL DISCIPLINES




SMART MANUFACTURING BEGINS WITH OPTIMIZED OPERATIONS

DELMIA on the **3DEXPERIENCE®** platform

ACHIEVE GREATER COST AND PRODUCTION EFFICIENCIES WITH A SINGLE PLATFORM EXPERIENCE THAT DELIVERS 4 DESIRED OUTCOMES.



CONNECTIVITY
Digital continuity with back office and supply chain systems for fast and accurate change management.



INTEGRATION
Smart data integration and presentment with analytics, reporting and visualization across the value chain.



CENTRALIZATION
Manage, orchestrate and monitor the full production process with real-time simulation on a 3D virtual shop floor twin.



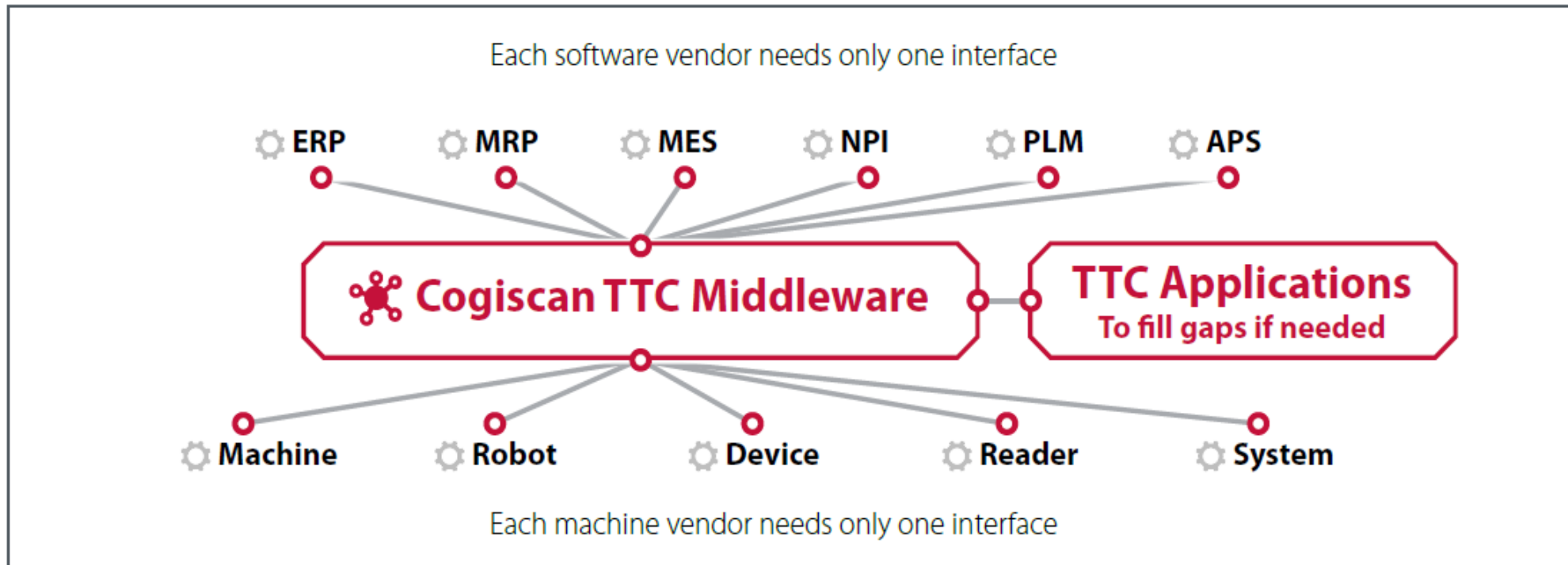
INFORMED DECISION-MAKING
Intelligent planning, scheduling and resourcing on a smart and data-integrated single source of truth.

Co-NECT

*by Cogiscan
Machine-to-Machine (M2M)
Connectivity

The enabling technology for Industry 4.0 and IIoT

Using Cogiscan TTC



PRODUCTS

AES SERVICES

CAD/CAM/CAE BEST PRACTICES SERVICES

➤ Consultation



➤ Operation Assistance



➤ Implementation



➤ Training



➤ Onsite Support



➤ Outsourcing



AES PARTNERS

CAD/CAM/CAE partners:

6 Partners are the best
CAE Software
Developer in their
fields



2 Partners is the
best CAE Service
Providers in
Europe, and
Thailand

7 Partners are
Biggest Technical
Universities in
Vietnam (North and
South)



2 Partners are the best CAD/CAM
Software Developer in their fields



3 Partners are
Science Institutes



SOME KEY CUSTOMERS



Thanks for your watching!

