



YOUR DEVELOPMENT PARTNER

ERTRAC BRNO 25-26.06.2019

IDIADA CZ - presentation

Miroslav Štěpán

Applus IDIADA - International presence

Main Centres for Engineering, Testing and Homologation

Total: **2.510** people

Brazil **145**

São Paulo · Betim
Curitiba · Resende

China **203**

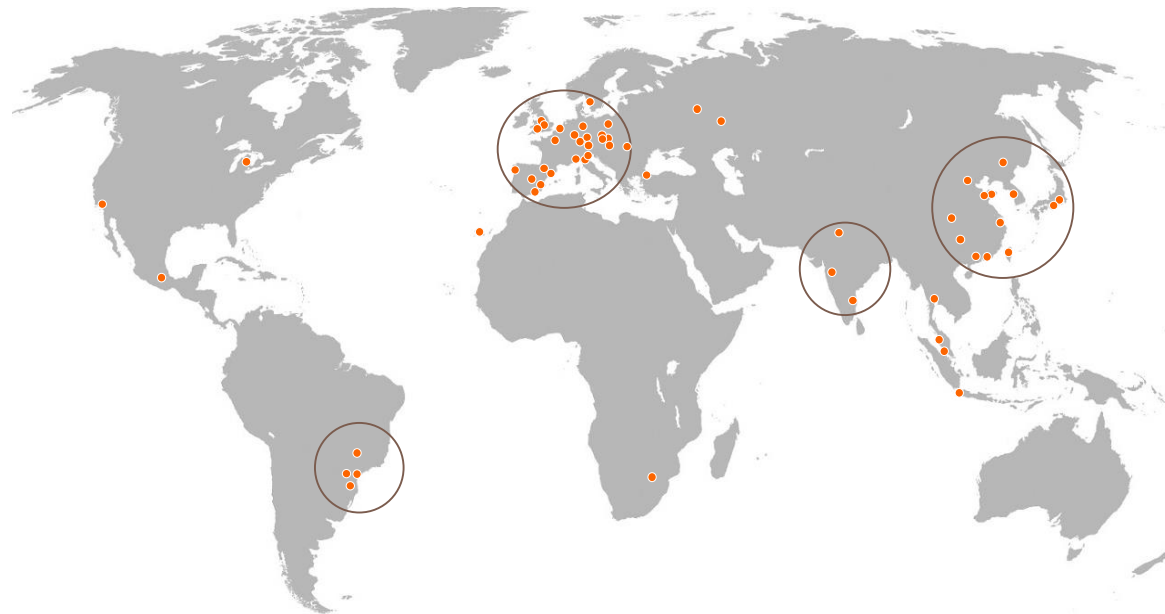
Shanghai · Beijing
Changchun · Chongqing
Guangzhou · Liuzhou
Qingdao · Shenzhen
Zhaoyuan

Czech Republic **244**

Hradec Králové · Brno
Liberec · Mlada Boleslav

Germany **126**

Ingolstadt · Frankfurt
Munich · Stuttgart
Wolfsburg



India **170**

Pune · Chennai
New Delhi

UK **46**

Cambridge · Nuneaton
Warwick

USA **36**

Detroit · Los Angeles

Spain **1.395**

Barcelona -
Headquarters &
Main Technical Centre
Granada · Madrid
Mojácar · Pamplona
Vigo

Branch offices **145** people

- Aichi
- Bologna
- Erbusco
- Istanbul
- Košice
- Leini
- Nizhny Novgorod
- Penang
- Pretoria
- Seoul
- Tokyo
- Bangkok
- Brussels
- Gothenburg
- Jakarta
- Kuala Lumpur
- Lukang
- Paris
- Poznan
- Puebla
- Togliatti

Offices - locations

- ⊕ Hradec Králové - HQ
- ⊕ Mladá Boleslav
- ⊕ Liberec
- ⊕ Brno
- ⊕ Košice (SK)

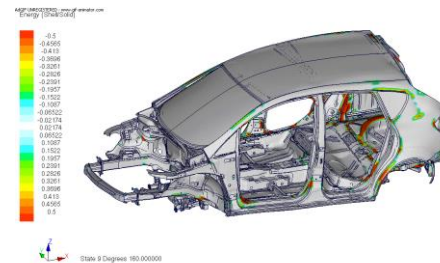
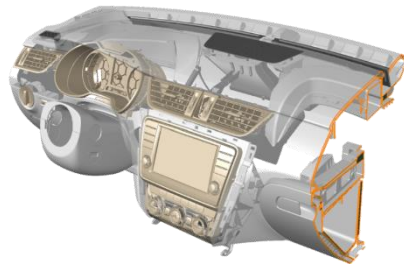
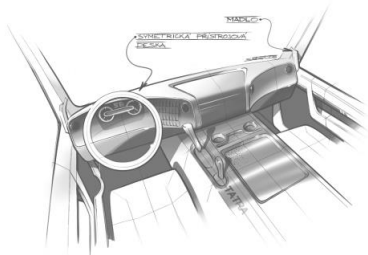
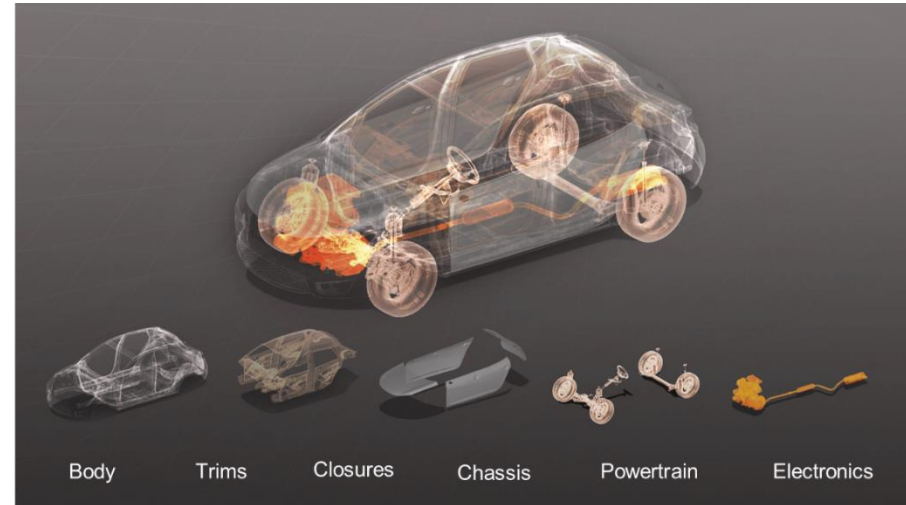


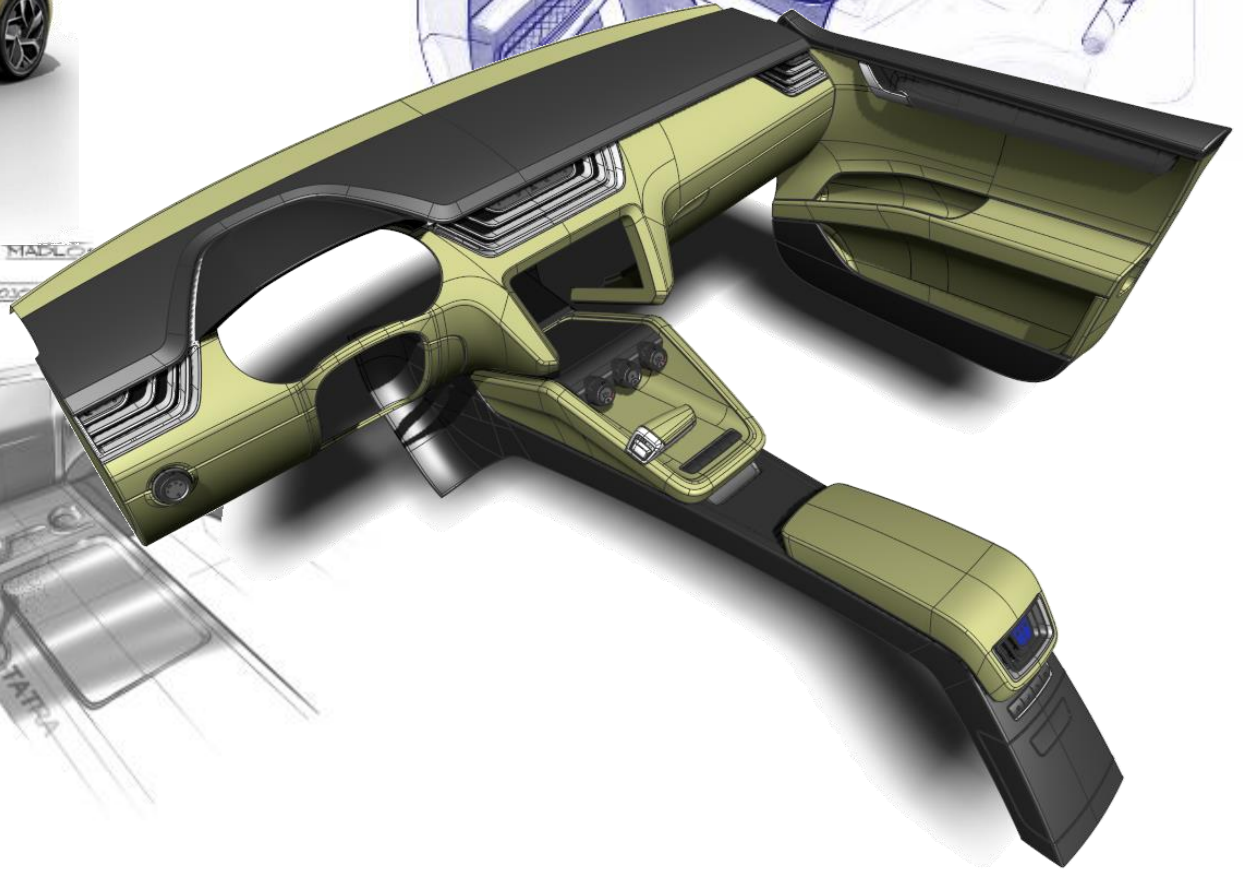
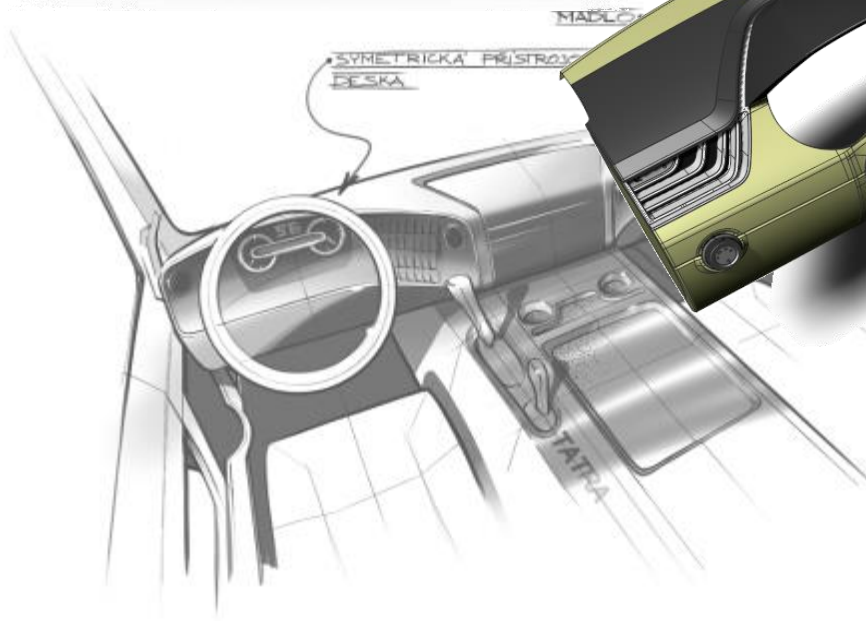
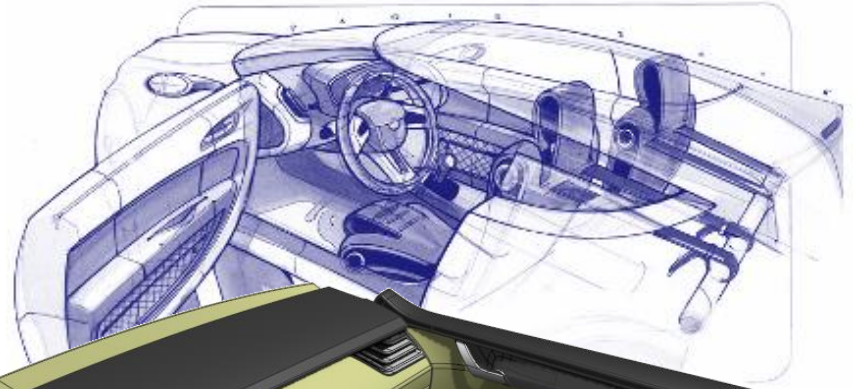
CAPACITIES

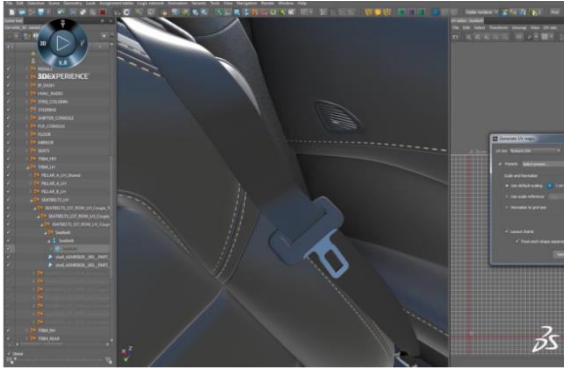
- ⊕ More than 230 Engineers
- ⊕ 5 Locations
- ⊕ More than 20 Years of experiences

SERVICES

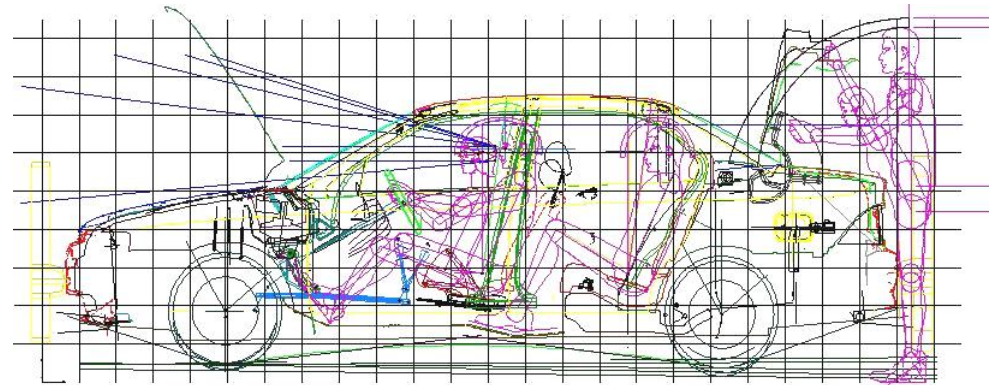
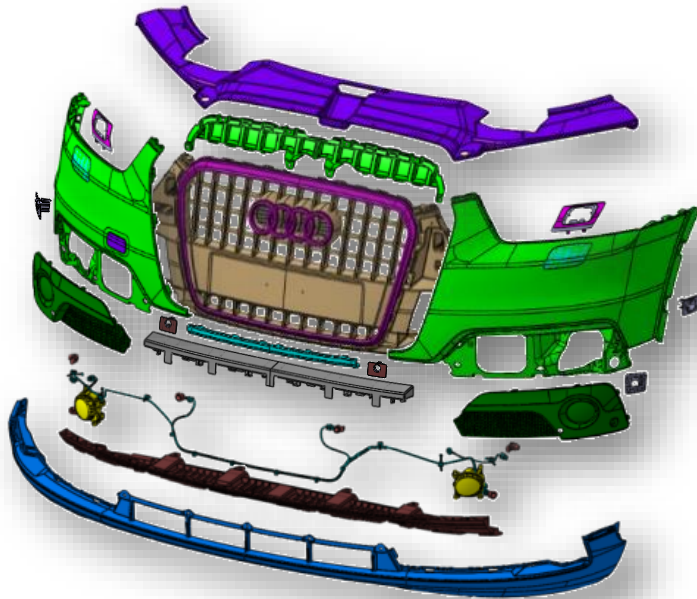
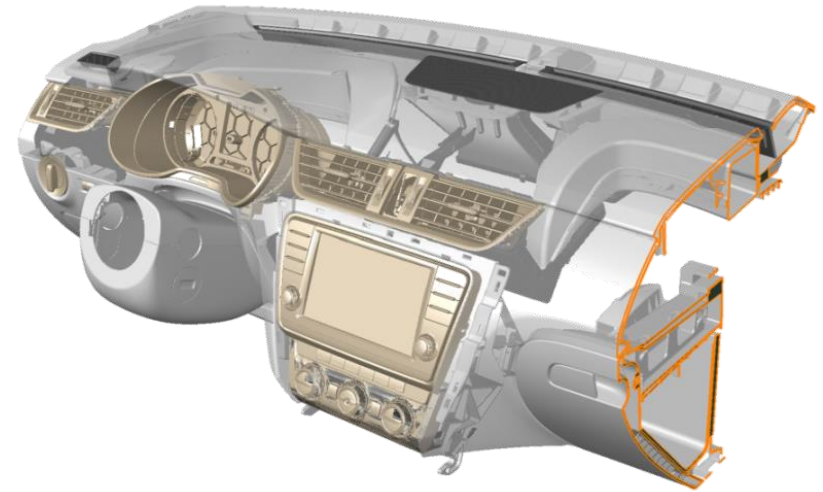
- ⊕ CAS
- ⊕ CAD
- ⊕ CAE
- ⊕ Testing

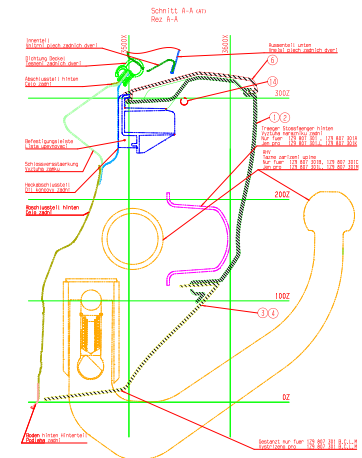
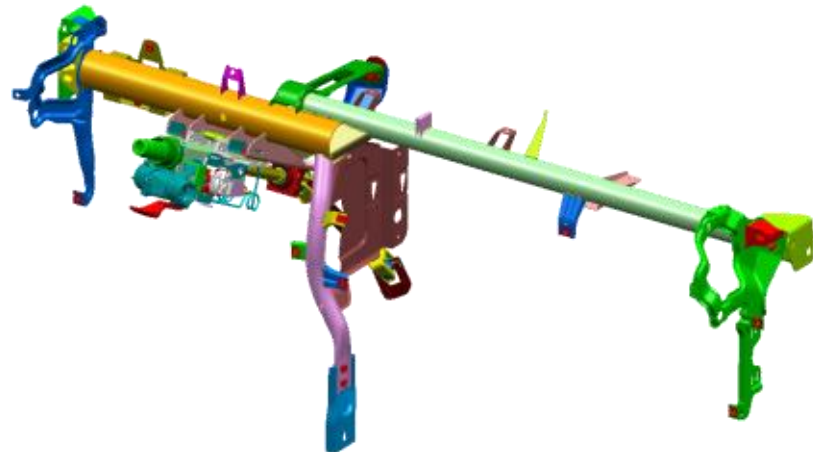
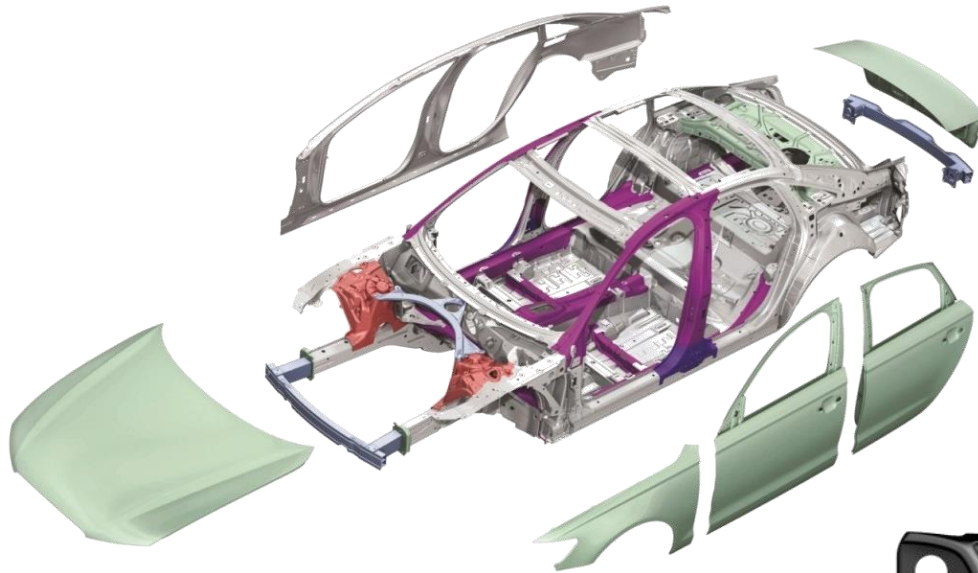




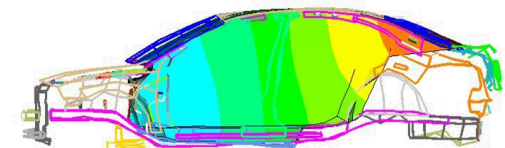
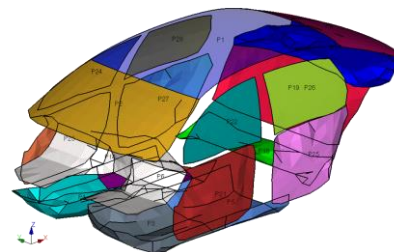
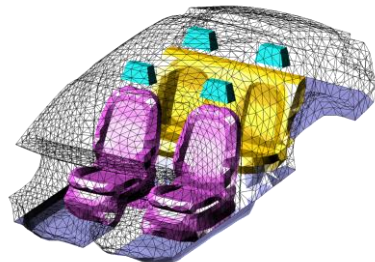
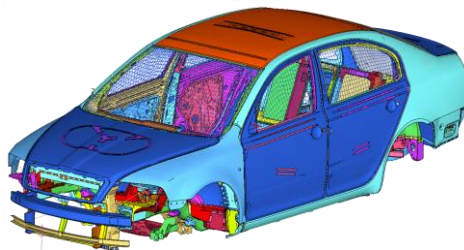
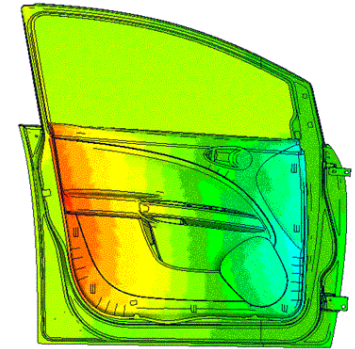
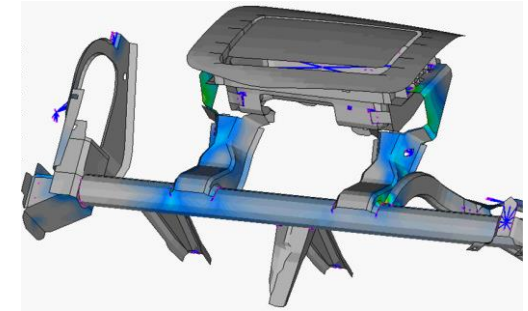
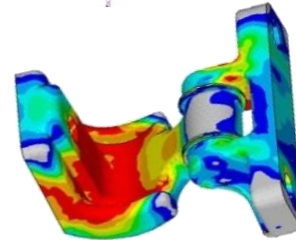
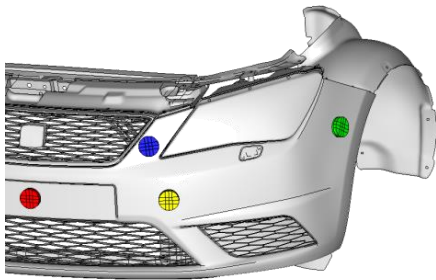
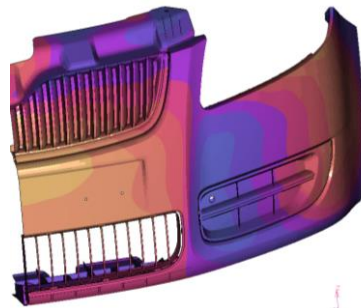
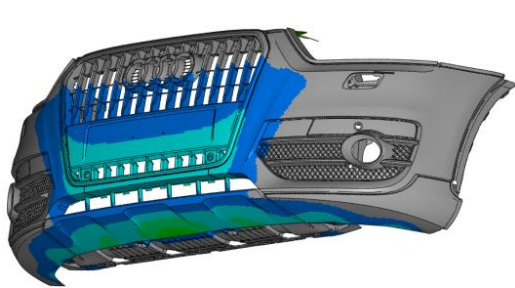


- ⊕ Design – CATIA, NX
- ⊕ Assembly concept
- ⊕ Fixation concept
- ⊕ Mechanisms
- ⊕ Gap optimization, tolerance analysis
- ⊕ 3D models, 2D documentation

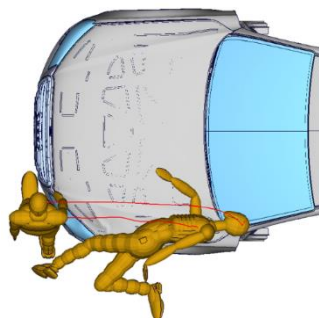
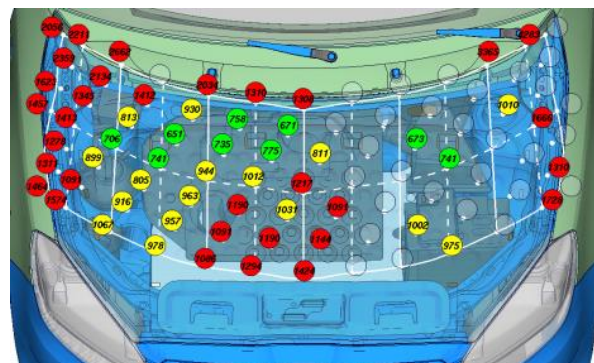
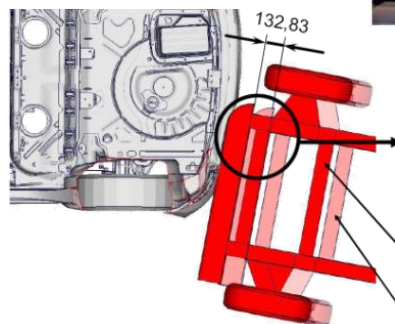
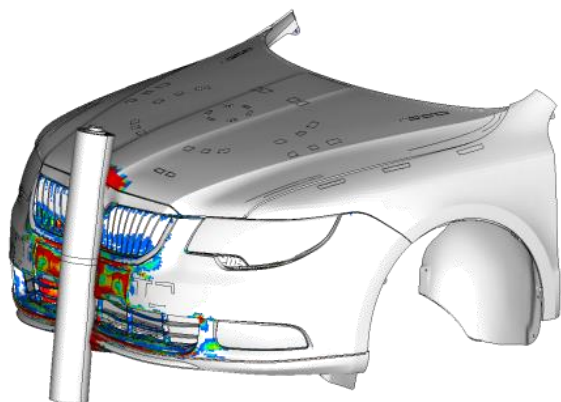




- ⊕ Static and fatigue analyses
- ⊕ NVH – modal, frequency and acoustic analyses



- ⊕ Occupant protection – front and side crash
- ⊕ Pedestrian protection
- ⊕ EHK 42, Insurance tests, ...



BASIC INFORMATION

- ⊕ Start of operation 4/2018
- ⊕ Workshop 2.200 m², Testing offices 220 m²

OBJECT CHARACTERISTICS

- ⊕ A-class industrial property with two drive-in and one dock entry to workshop
- ⊕ Developed with modern energy efficient construction materials/methods

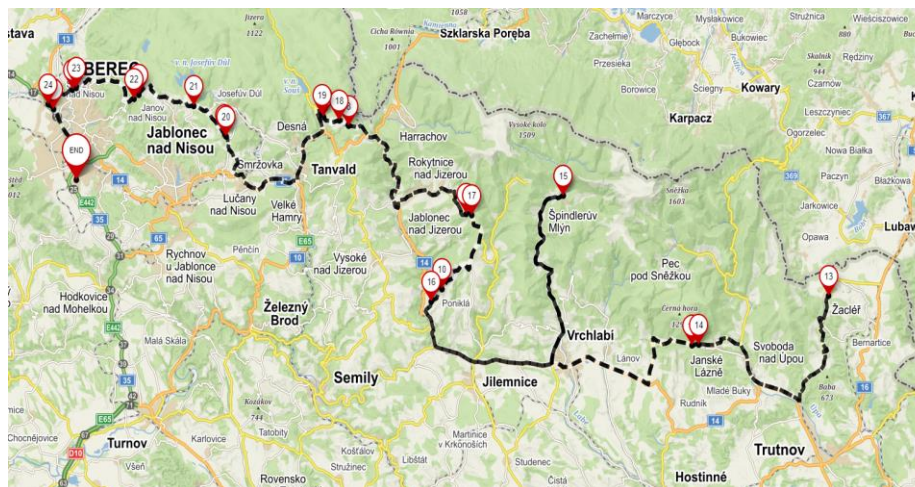
DEPARTMENTS

- ⊕ CAS
- ⊕ CAD
- ⊕ CAE
- ⊕ Testing



Durability – driving tests

- ⊕ City driving
- ⊕ City driving Prague
- ⊕ Mountain driving
- ⊕ Mountain highway driving
- ⊕ Off Road

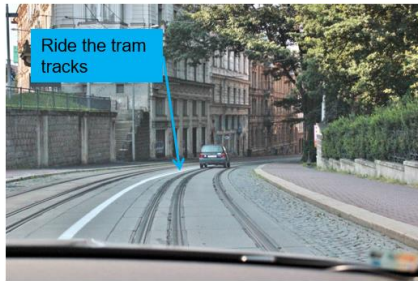
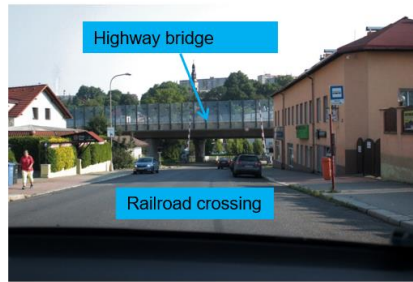


Altitude profile

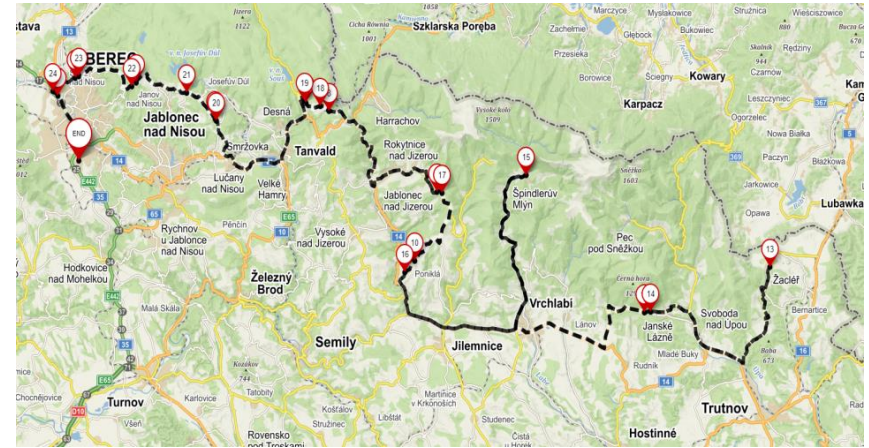


Methodology

- Criteria
- Locality detection
- Traffic Jam Assist



Real Roads Detection





Applus⁺
IDIADA

YOUR DEVELOPMENT PARTNER

 **Accolade**

- ⊕ **Location CZ**
- ⊕ **Total surface**
app. 300 ha
- ⊕ **High Speed Oval**
straights 1,62 km
curves 242 m
(radius)



Thank you very much for your kind attention



YOUR DEVELOPMENT PARTNER

Applus IDIADA Belgium

T +32 2 719 02 45 (Brussels)
e-mail: idiada_belgium@idiada.com

Applus IDIADA Brazil

T +55 11 4330 9880 (São Paulo)
T +55 31 3591 6832 (Betim)
T +55 41 3373 0411 (Curitiba)
T +55 15 3205 2952 (Tatui)
e-mail: idiada_brasil@idiada.com

Applus IDIADA China

T +86 (21) 6210 0894 (Shanghai)
T +86 10 8446 3317 (Beijing)
T +86 431 8190 9680 (Changchun)
T +86 23 6756 8060 (Chongqing)
T +86 20 2282 9202 (Guangzhou)
T +86 (772) 3166 619 (Liuzhou)
T +86 (772) 0532 66019017 (Qingdao)
T +86 (755) 29184532 (Shenzhen)
T +86 0535 8933658 (Zhaoyuan)
e-mail: idiada_china@idiada.com

Applus IDIADA Czech Republic

T +420 493 654 811 (Hradec Králové)
T +420 778 430 095 (Brno)
T +420 482 424 243 (Liberec)
T +420 326 736 860 (Mladá Boleslav)
e-mail: info@idiada.cz

Applus IDIADA France

T +33 (0) 141 146 085 (Paris)
e-mail: idiada_france@idiada.com

Applus IDIADA Germany

T +49 (0) 841 88538-0 (Ingolstadt)
T +49 (0) 69 97503116 (Frankfurt)
T +49 (0) 89 309056-0 (Munich)
T +49 (0) 711 67400109 (Stuttgart)
T +49 (0) 5374 920606-0 (Wolfsburg)
e-mail: idiada_germany@idiada.com

Applus IDIADA India

T +91 994 0679 933 (Chennai)
T +91 124 4028 888 (New Delhi)
T +91 20 6605 6800 (Pune)
e-mail: idiada_india@idiada.com

Applus IDIADA Indonesia

T +6221 2939 1143 (Jakarta)
e-mail: idiada_indonesia@idiada.com

Applus IDIADA Italy

T +390 11 2644000 (Leini)
T +390 51 0923530 (Bologna)
T +390 05 10923500 (Erbusco)
e-mail: idiada_italia@idiada.com

Applus IDIADA Japan

T +81 (0) 42 512 8982 (Tokyo)
T +81 (0) 56 464 3463 (Aichi)
e-mail: idiada_japan@idiada.com

Applus IDIADA Malaysia

T +603 9207 7018 (Kuala Lumpur)
T +601 2410 7686 (Penang)
e-mail: idiada_malaysia@idiada.com

For further information:

Applus IDIADA

Headquarters and Main Technical Centre

L'Albornar – PO Box 20

E-43710 Santa Oliva (Tarragona) Spain

T +34 977 166 000

F +34 977 166 007

e-mail: idiada@idiada.com

www.idiada.com

Applus IDIADA Mexico

T +52 (1) 222 170 6722 (Puebla)
e-mail: idiada_mexico@idiada.com

Applus IDIADA Poland

T +48 61 6226 905 (Poznan)
e-mail: idiada_polska@idiada.com

Applus IDIADA Russia

T +7 (831) 297 94 32 (Nizhny Novgorod)
T +7 (831) 261 37 06 (Togliatti)
e-mail: idiada_russia@idiada.com

Applus IDIADA Saudi Arabia

T +966 53 4147 301 (Riyadh)
e-mail: idiada_GCC@idiada.com

Applus IDIADA Scandinavia

T +46 (0) 31 320 1844 (Gothenburg)
e-mail: idiada_scandinavia@idiada.com

Applus IDIADA Slovakia

T +420 778 430 098 (Košice)
e-mail: idiada_slovakia@idiada.com

Applus IDIADA South Africa

T +27 83 450 8925 (Pretoria)
e-mail: idiada_southafrica@idiada.com

Applus IDIADA South Korea

T +82 31 478 1821 (Seoul)
e-mail: idiada@idiada.co.kr

Applus IDIADA Spain

T +34 977 166 000 (Santa Oliva)
T +34 928 587 447 (Las Palmas)
T +34 915 095 795 (Madrid)
T +34 950 473 256 (Mojácar)
T +34 868 912 179 (Murcia)
T +34 948 292 921 (Pamplona)
T +34 986 900 300 (Vigo)
e-mail: idiada@idiada.com

Applus IDIADA Taiwan

T +886 47 810 702 (Lukang)
e-mail: idiada_taiwan@idiada.com

Applus IDIADA Thailand

T +66 86 7917 071 (Bangkok)
e-mail: idiada_thailand@idiada.com

Applus IDIADA Turkey

T +90 216 250 6050 (Istanbul)
e-mail: idiada_turkey@idiada.com

Applus IDIADA UK

T +44 1223 441 434 (Cambridge)
T +44 2476 328 083 (Nuneaton)
e-mail: idiada_uk@idiada.com

Applus IDIADA USA

T +1 248 978 0111 (Detroit)
T +1 760 246 1672 (Los Angeles)
e-mail: idiada_USA@idiada.com