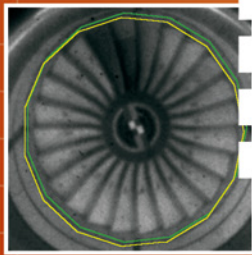


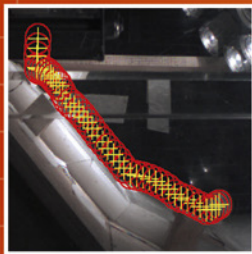
TRACKIMAGE

MOTION ANALYSIS SOFTWARE

0.010
0.008
0.006
0.004
0.002
0.000



CAMERA CORRECTIONS
2D & 3D MOTION TRACKING
DEFORMATION TRACKING
VIRTUAL OBJECTS
AIR-BAG



0.000
-0.010
-0.020
-0.030
-0.040
-0.050

14 9 42 11 23 7 17 19

2 21 23 23 19 20 10 16

27 74 8 18 0 15 11 48

89 52 29 44 50 2 36

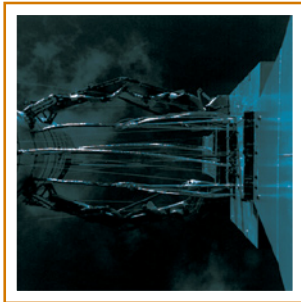
23 7 6 58 74 6 91

6 8 3 26 18 27 24



17 12 37 12 54

MOTION ANALYSIS



TrackImage provides several independent modules, each of them being dedicated to a special application, with a fully automatized analysis of the image sequences: trajectography, deformation tracking, objects inlay and contact analysis, air bag expansion, speed field calculation... TrackImage calculates all the dynamic parameters of the system under test: positions, speeds, accelerations, distances, angles, surfaces, compacity, frequencies...Based on the most recently developed algorithms, TrackImage is today a most powerful image analysis software tool which is used in many different fields: aeronautics, automotive, defense, energy, ergonomy, biology, geology, space, sports...

ACCURATE

Image calibration, correction of spatial distortion, sub-pixel resolution...

ROBUST

Robust and accurate tracking through optimized algorithms, confidence rate calculation for every detection...

POWERFUL

The points to track do not need to be marked, algorithm parametrization, post-processing...

EASY TO USE

On line hypertext documentation, ergonomic interface...

REPORTING

Complete interactive report editing, AVI files export, spatial and temporal test synchronization...

SERVICE

On site installation/user training, hot-line support, specific image sequences analysis...

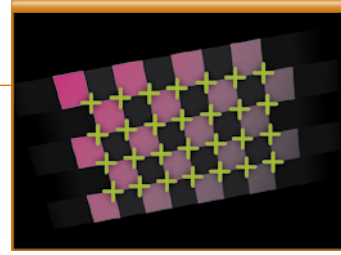
COMPATIBILITY

Read all digital image formats and AVI sequences, export results, copy/paste function...

MODULES

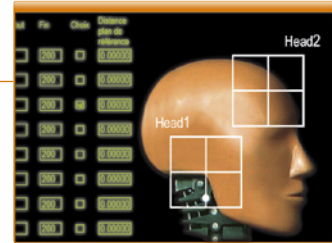
CAMERA CORRECTIONS

- Optical distortions
- Perspective effect



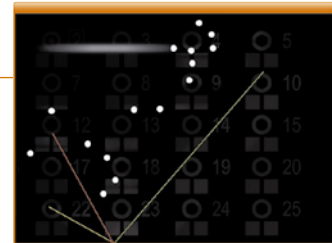
2D-MOTION TRACKING

- Automatic motion tracking
- Position, speed and acceleration calculations
- Frequency analysis
- Multi-tests synchronization and animations



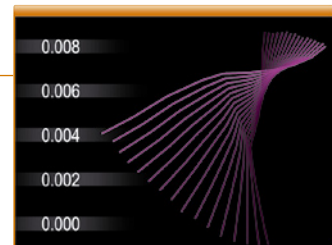
3D-MOTION TRACKING

- 3D-space calibration
- Automatic 3D-trajectory
- Post-processing and analysis



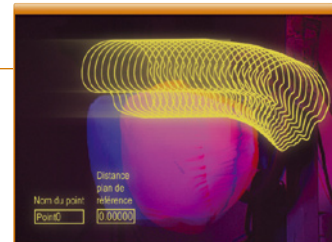
DEFORMATION TRACKING

- Automatic deformation tracking
- Curvature, speed and acceleration calculations
- Closed or open contour tracking



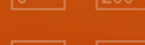
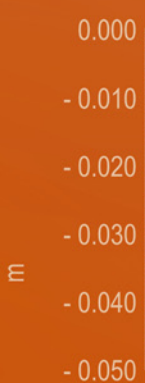
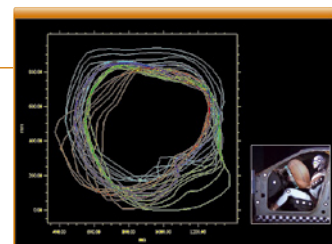
VIRTUAL OBJECTS

- Virtual or real objects dynamic superimposition
- Virtual targets, virtual contours, masks, logos, texts...
- Spatial and time synchronization of sequences
- Inter-objects contact analysis



AIR-BAG

- Automatic air-bag deployment tracking
- Tests comparison and validation
- Automatic surface area calculation, edges, length and width tracking





Founded in 1996, ORME is your partner for the development of test analysis tools. To meet the increasing needs of the test field, on the one hand we develop a complete software product suite, and on the other hand we can offer custom-made software and hardware solutions, as well as test analysis service and consulting. We pay particular attention to keep a very close relationship with our customers, and remain attentive to their needs. Over twenty years of experience have enabled us to become a well-recognized and favored key contact of many key industrial companies.

SOME OF OUR CUSTOMERS:

ABB, Airbus, Airbus Defense & Space, Aptiv, ARAI, Autoliv, BMC, Boeing EnCore Interiors, Bosch, Brakes India, CEA, CED, CNES (CSG Kourou & Toulouse), DGA, Dongfeng-Peugeot, Dorel, EDF, Faurecia, FIA, Fujian-Benz, ICAT, IFSTTAR, Karma, Latécoère, Legrand, L3Harris, Leroy Somer, L'Oréal, Maruti Suzuki India, MGA Research, Martur, Nissan, ONERA, Peugeot-Citroën, Proma, RATP, Renault, SAFRAN (Aircraft Engines, Helicopter Engines, Landing Systems, Seats), Saint Gobain, Salomon, Schneider Electric, SERMA, STAC, Team-Tex, Thalès Alenia Space, Tisséo, Transpolis, Trelleborg, TSTech, UTAC, Valeo, Wabtec...



FRANCE - MAIN OFFICE

21 rue du Village d'Entreprises - Bât 7 - 31670 Labège
+33 5 61 00 25 70
www.orme.com - info@orme.com

AMERICAS - REPRESENTATIVE OFFICE

2 Bloor Street West - Suite 700, Toronto, ON M4W 3E2
+1 647 917-1711
arnaud.seigne@orme.com

BENELUX - SPAIN - PORTUGAL

IDT Europe bvba
Eekhoornstraat 22 - B-3920 Lommel, Belgium
+32 11 551065
www.idteurope.eu - info@idteurope.eu

CHINA

Shanghai EON Technologies Co., Ltd
Room 509, No.507 Gubei road, Shanghai, 200051
Phone: +86 21 61250527
Fax: +86 21 61250528
www.eontechsys.com - support@eontechsys.com

FINLAND

CHEOS
Sinimäentie 8B - 02630 Espoo
+358(0)20 1986464
www.cheos.fi - sales@cheos.fi

INDIA

Megatech Engineering & Services Pvt Ltd
A2/10 Tapovan, Dongre Park, Chembur, Mumbai 400074
Phone: +91-22-2553 6023; 2553 4471; 2553 7579
Fax: +91-22-2553 2317
megafive@vsnl.com

ITALY

HI-TEC
Via Agrigento 9 - Milano
+39 02 3271914
www.hi-tec.it - hi-tec@hi-tec.it

JAPAN

Marubun Corporation
8-1, Nihonbashi Odenmachi, Chuo-Ku, Tokyo 103-8577
+81 3 3639 9881
www.marubun.co.jp - takahiro_takahashi@marubun.co.jp

KOREA

JAT Co., Ltd.
#309 APEX CITY, 823 Dongtansunhwan-daero,
Hwaseong-si, Gyeonggi-do, 18471
Phone: +82 31 726 5033 - Fax: +82 31 726 5071
www.jatweb.co.kr - jat@jatweb.co.kr

SOUTH AFRICA

Horne Technologies cc
PO Box 536, Betty's Bay, 7141
+27.76.127.3796
www.hornetechnologies.co.za - david@hornet.co.za

UK

IDT (UK) Ltd
Eastway House - 7 Paynes Park - Hitchin - Herts - SG5 1EH
+44 1462 621124
www.idtvision.co.uk - info@idtvision.co.uk