

SIMPACK 8.5 - The New Product Geared for the International Market

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Content

SIMPACK 8.5 - The New Product Geared for the International Market

- Brief Overview About the New Features
- SIMPACK's Success on the International Market since the last User Meeting, 2000 in Konstanz
- SIMPACK as a Global Player
- SIMPACK's Position on this Market in the Future



New Features

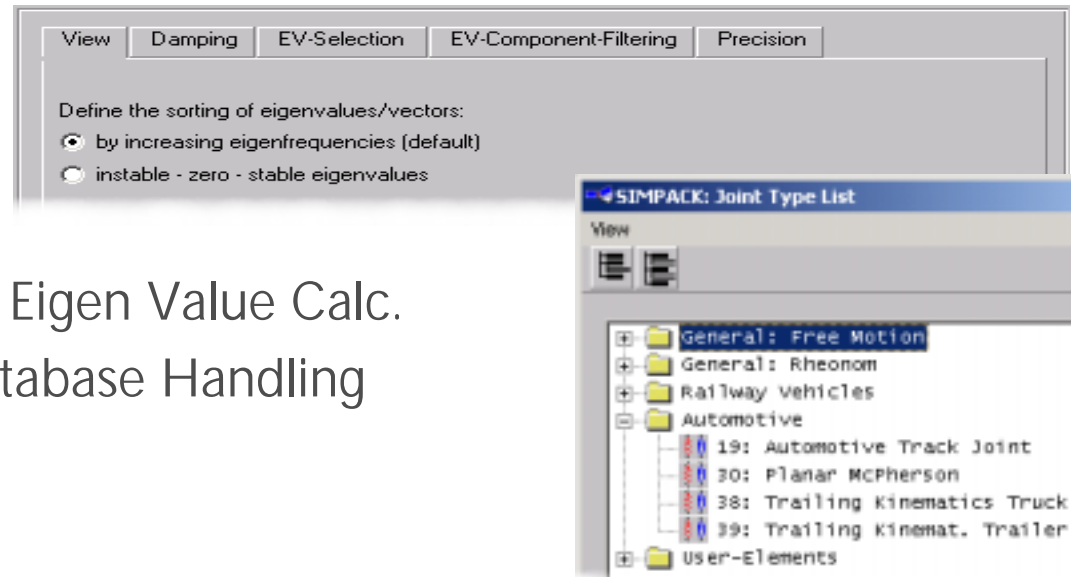
in SIMPACK 8.5

- Function Expressions
- New Quasi-Static Solver
- Faster Linear Solving
- Modified FEMBS
- Many New Elements
- Completely New Track Module (A+ and W/R)
- Automatic Fit of Kinematic State Dependence
(suggestion for „dependent“ and „independent“)





New Features in SIMPACK 8.5



- Improved Control Over Eigen Value Calc.
- Better Browsers and Database Handling
-
- Improved Documentation („Native Speakers“ Marc & Steve & Tom)
- Free Editable Units (Pounds, Inches, Millimeters,etc.)



New Customers

Since User Meeting 2000 in Konstanz

- Since April 2000 12 New Companies Using SIMPACK*
- 8 (67%) Are Not from the Home Market Germany

* Subsidiaries of Existing Customers Are Not Mentioned Here

ANSALDOBREDA

BRIDGESTONE

DAF



FAIRCHILD DORNIER

JR
JAMES

NABI Group

mazda

Metro Madrid

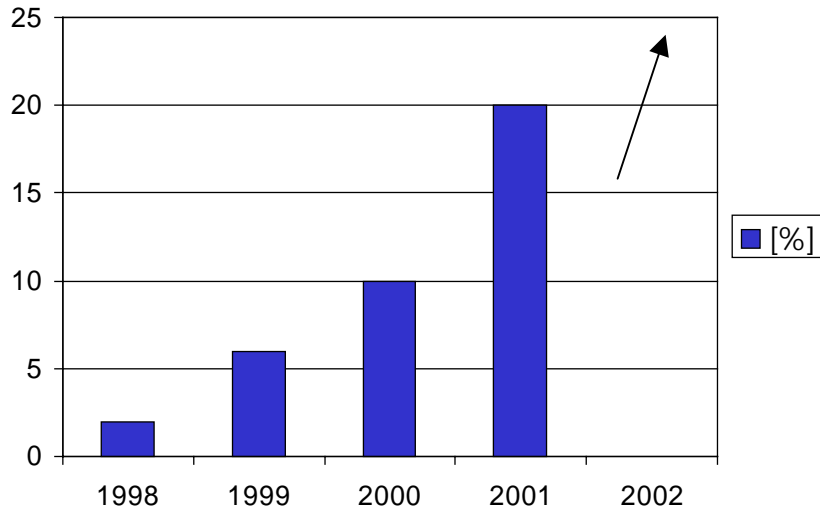
Rexroth

SACHS

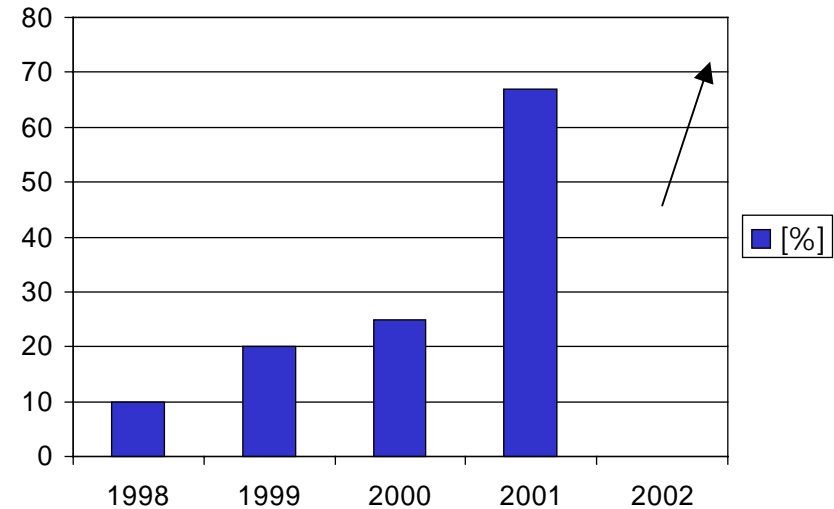
TOYOTA



New Features in SIMPACK 8.5



All SIMPACK *Installations*:
Percentage of Non-German Companies

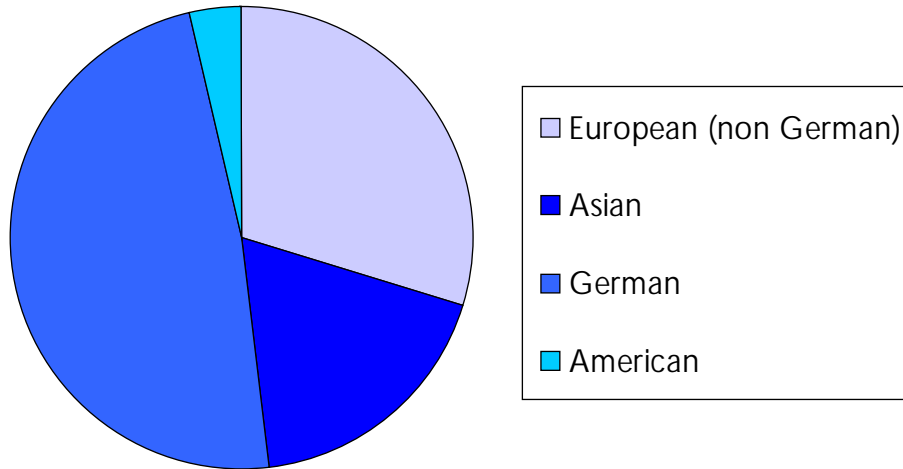


New SIMPACK *Customers*:
Percentage of Non-German Companies



Worldwide SIMPACK Team

INTEC + ALTAIR + SV Korea



Internationality of the SIMPACK Staff

Represented Nationalities:

- American
- Chinese
- Czech
- English
- German
- Hungarian
- Italian
- Japanese
- Korean



Worldwide Installations

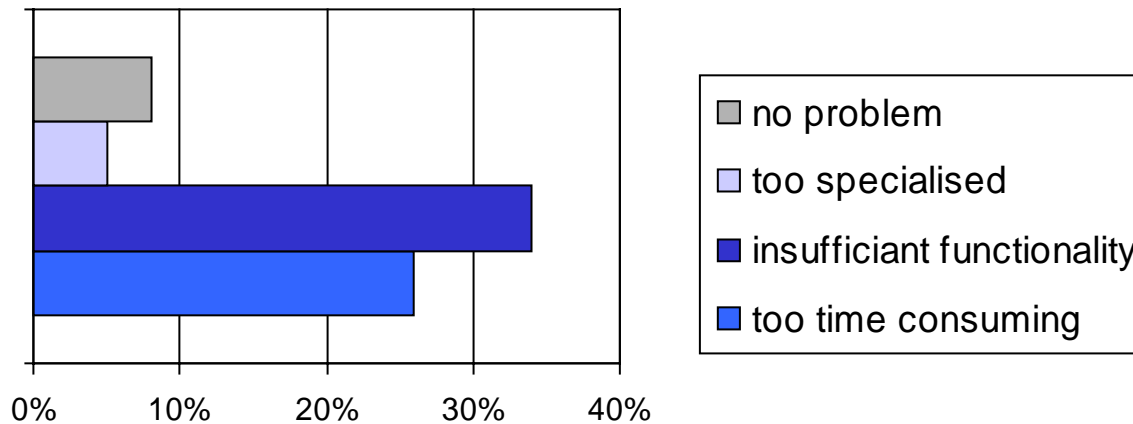




SIMPACK Users Opinion

(Survey in SIMPACK News, December 2000)

What Is the Major Problem With the Simulation Package That You Currently Use?



Users Wish to Have Even More Functionality!

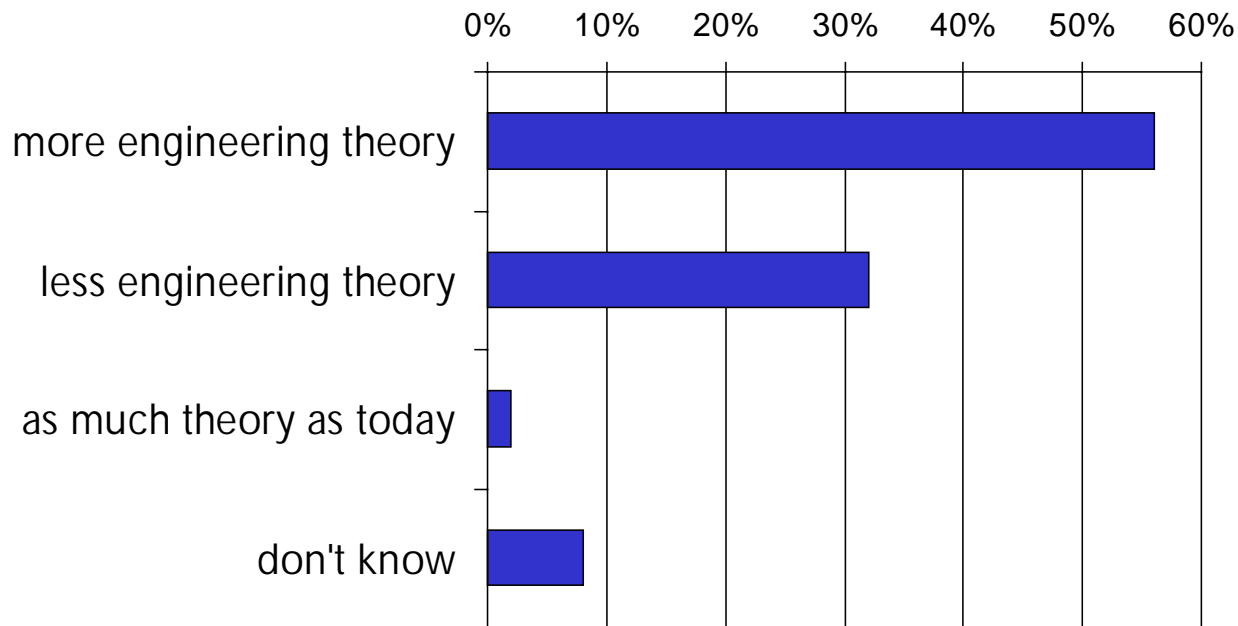
-> Trend Towards High-End



SIMPACK Users Opinion

(Survey in SIMPACK News, December 2000)

In 10 Years, Will It Be Necessary to Know More or Less Engineering Theory Than Today?





SIMPACK's Characteristics

as the High-End MB-Simulation Tool of the Future

- Superior *Solver Methods*
(„100 Times Faster than Today“)
- New Ways / Advanced Methods in Introducing *Finite Element Models*
(see presentation of Dr. Dietz)
- Improved *Usability Features* for the High-End Users
(see presentation of Dr. Trautenberg)
- Export of *Realtime Simulation Code*
(see presentation of Dr. Eichberger and tomorrow's workshop)



Summary

SIMPACK 8.5 - The New Product Geared for the International Market

- Strong Internationalisation of the SIMPACK Business in Progress at the Moment
- Operative Steps to Establish International INTEC Subsidiaries in the Close Future
- SIMPACK Occupies the Market of High-End Multi-Body Simulation Tools
- SIMPACK's Key Features in this World Market: Advanced Technology and Usability Optimised for Simulation Professionals
- Education and Training Features for the Techeoretical Framework will Increasingly be Offered in Future