virtual product development in an international automotive environment – Status @ Brose

08.10.2012 - Thomas Resch

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1	Brose – system supplier of the international automotive industry
2	CAE @ Brose
3	Virtual development process @ Brose
4	CAE @ LCC



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#### Founding and building of a family-owned company Three generations in 100 years





Max Brose Gisela Brose Michael Stoschek

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### **Product range Mechatronic Systems and Drives for Automobiles**





Structures and components for vehicle seats Market share Europe: 55% (power seat adjusters)



Modules and components for vehicle doors Market share window regulators worldwide: 26% Door systems worldwide: 42%



Systems for engine cooling Market share worldwide: 23%



Liftgates and closure systems Market share worldwide : 10%





Drives (15 - 150 kW) and charging systems for electric and hybrid vehicles



Electric motors and drives (0,1 - 1 kW) Market share worldwide : 25%

### **Global presence** 53 locations in 23 countries





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#### **Business development** Continuous self-generated growth







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#### **Brose CAE - Teams and locations**





### **Brose CAE** – key methods





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#### **Brose CAE** – compute ressources





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#### **Brose CAE** – worldwide collaboration





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### **Brose CAE – Global Services India**





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### **Brose CAE** – process for LCC simulation request





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## Brose – system supplier of the international automotive industry

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