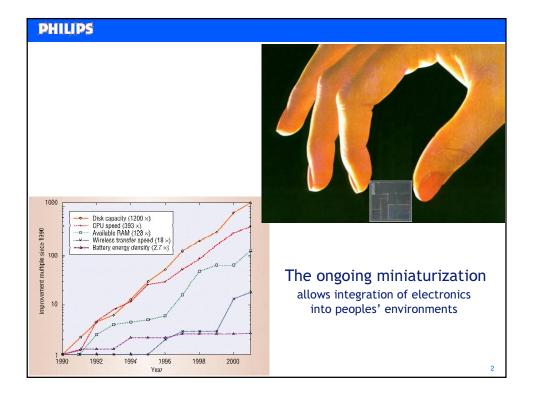
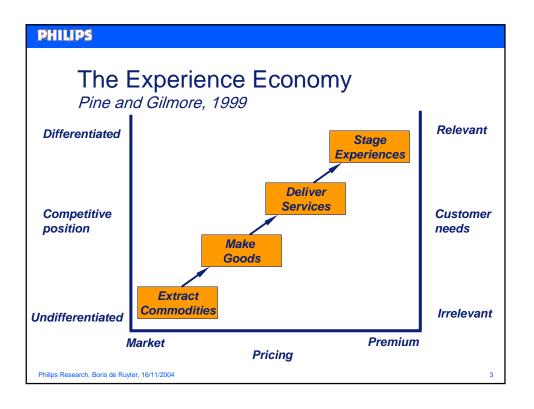
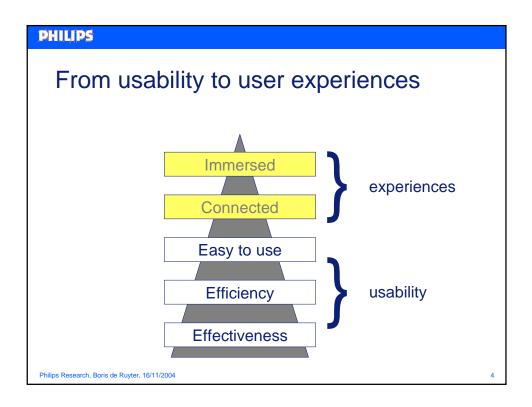


Engineering the user experience

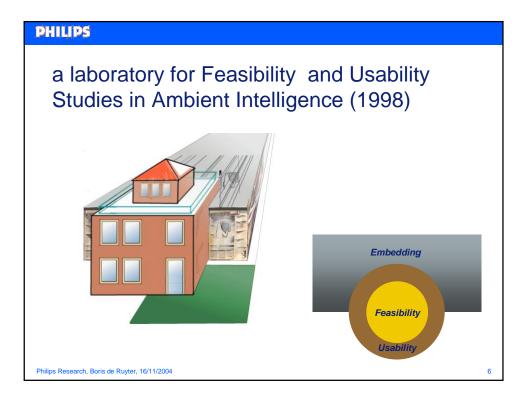
Boris de Ruyter

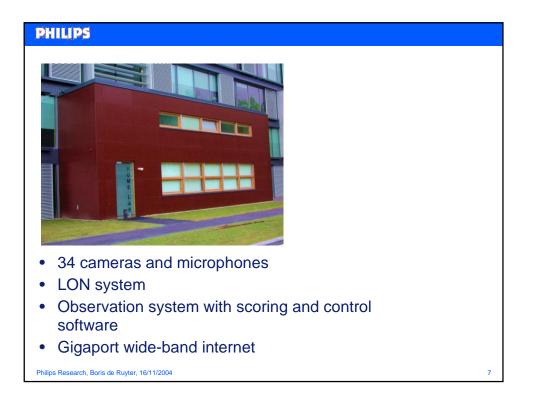








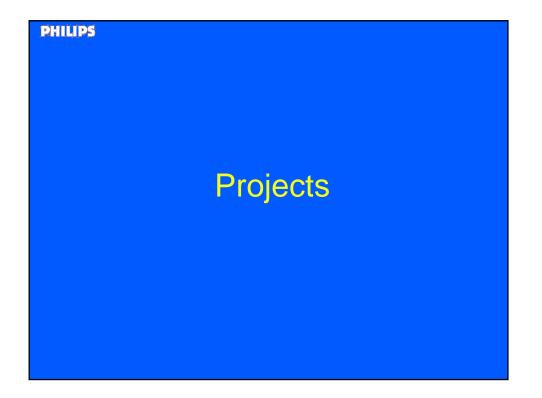




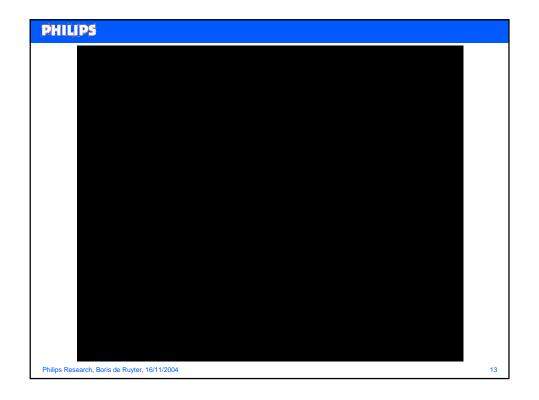


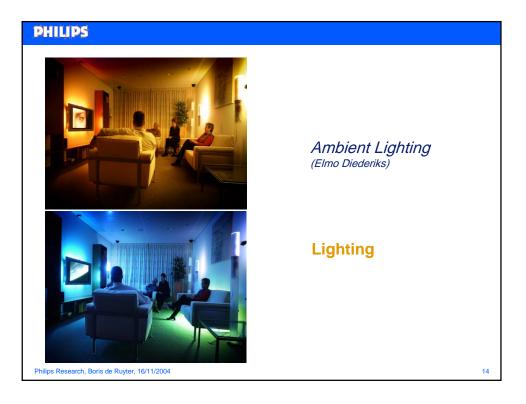


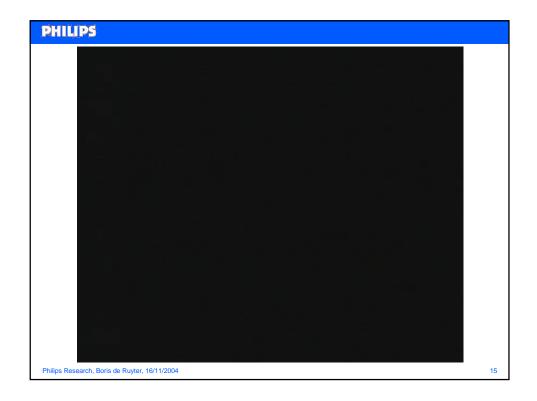




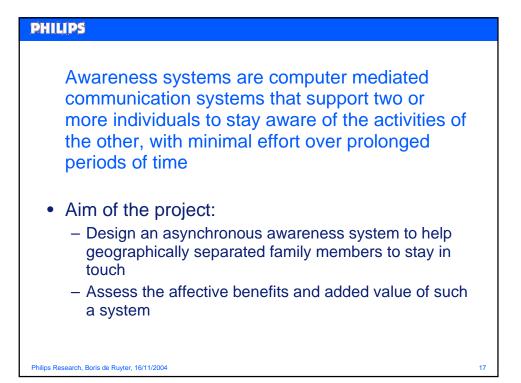




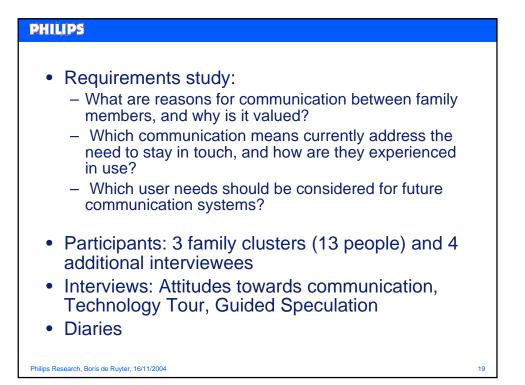




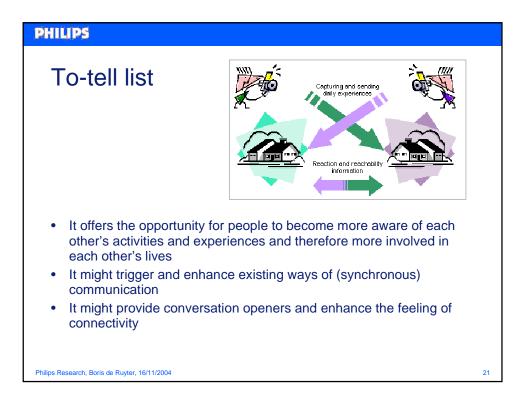


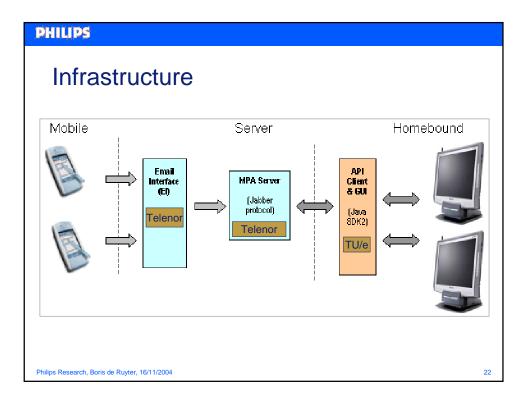


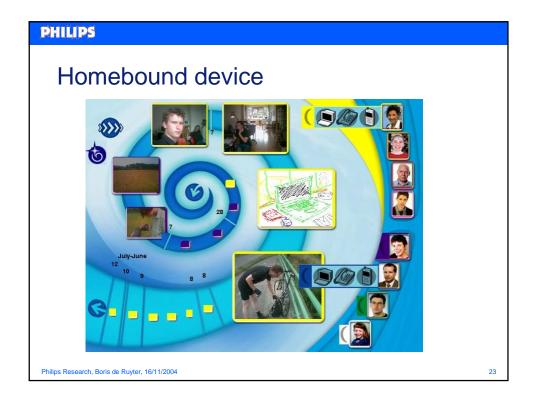
PHILIPS	
 Investigate the experience of Connectedness: positive emotional experience that is characterized by a feeling of staying in touch within ongoing relationships Problems with most studies: results are based on WoZ or paper prototypes remain speculative about the user benefit Our approach: Requirements study Laboratory study in HomeLab Field study 	
Philips Research, Boris de Ruyter, 16/11/2004	18

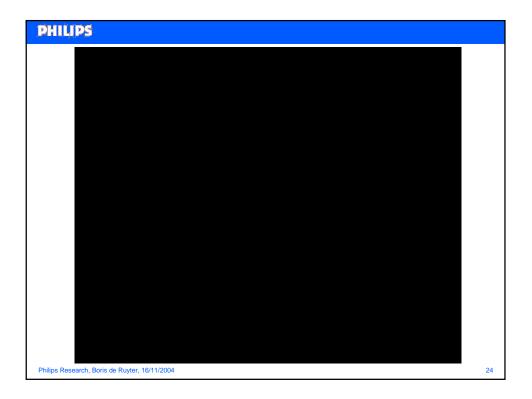


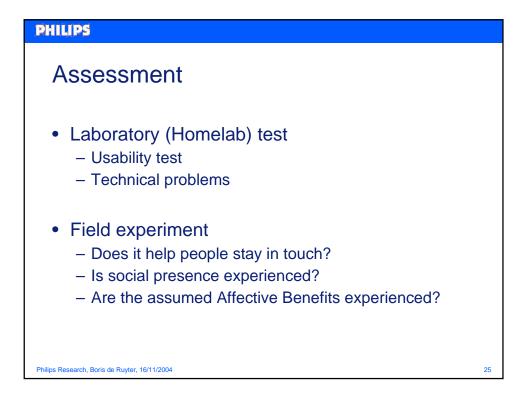
PHILIPS	
Findings:	
 Communication between family members is the most valued 	
 Social and emotional contacts give rise to very positive feelings 	
 Most contacts are conducted by synchronous media and timing is crucial for the success of the communication 	
 Strong expectations and obligations 	
 Personal effort is highly valued 	
 Home environment is important 	
 Users want to share concrete visual information 	
 Most successful social communications were initiated by individuals having something (non practical) to tell 	
Philips Research, Boris de Ruyter, 16/11/2004	20

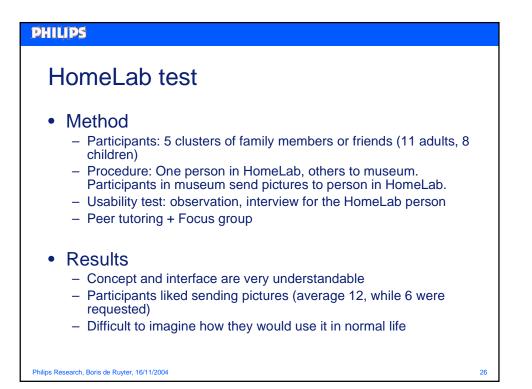






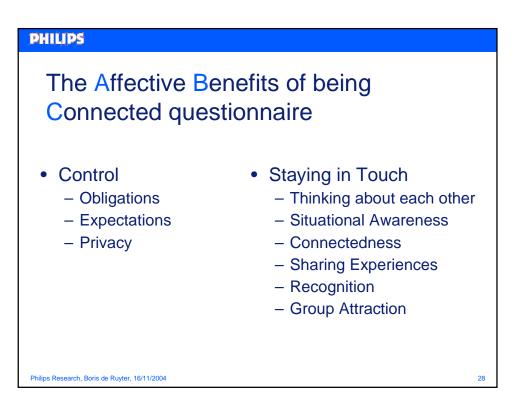






PHILIPS Field test Method: - Two weeks: first week without technology, second with - Two families with one home bound and mobile device each - Data logging and questionnaire data (IPO-SPQ & ABC) was collected Results: - Homebound Device: 46 min./day Mobile device: 15 msg/day - Users were positive about the Easy of Use and indicated a higher level of involvement - Users indicated that there were more starting points for conversation The social presence questionnaire did not provide significant differences between the two weeks of data collection

Philips Research, Boris de Ruyter, 16/11/2004



27

