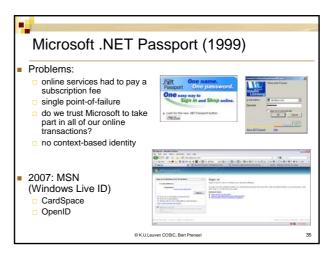
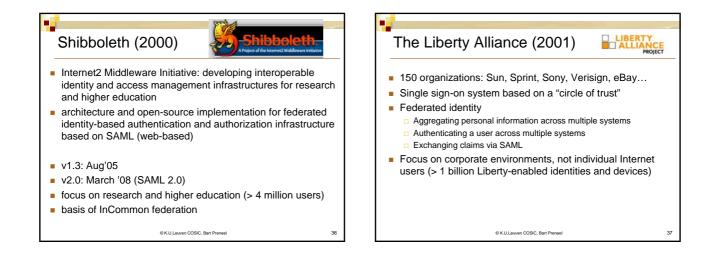


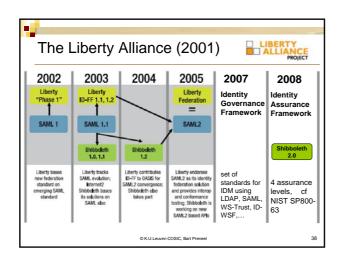


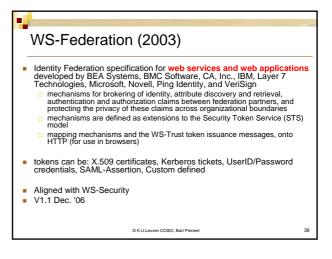
	Single Sign-On	
	convenient	
	more secure than multiple passwords	
•	can leverage a single but more secure authentication mechanism	
•	risk of breach of authentication mechanism is substantially larger	
	is there a single sign-off?	
	redirection by RP may facilitate phishing	
	IDP is single point of failure	
	If RP is contacted first, how does it know which IDP to contac (the discovery problem)	t?
	privacy risks	
	<ul> <li>data sharing: e.g., Facebook or LinkedIn access Gmail email address</li> <li>central control of who accesses which services at which time</li> </ul>	es
	© K.U.Leuven COSIC, Bart Preneel	33

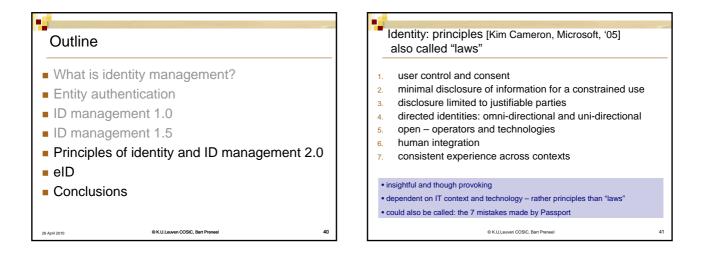


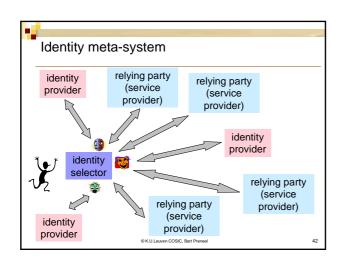


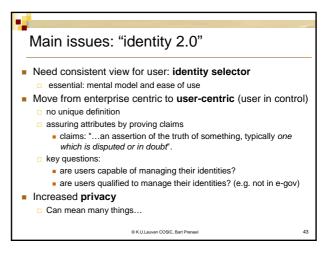


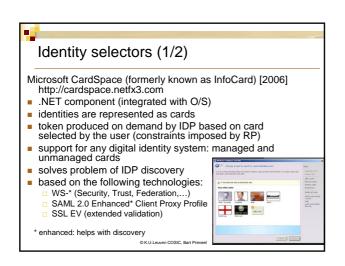


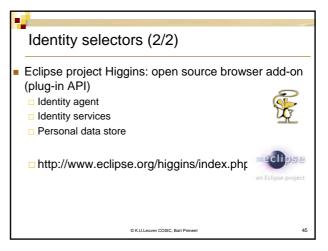


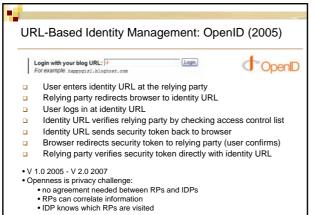




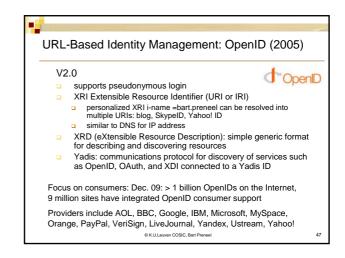


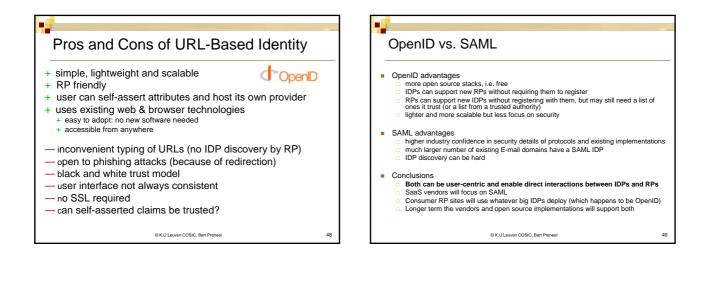


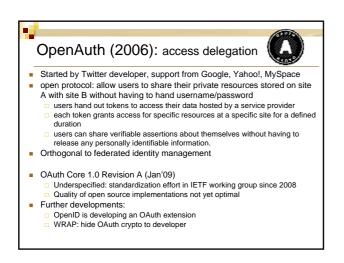












## Conclusion

- Identity management is closely intertwined with our social and economic interactions
- Identity management technology is evolving quickly, yet the concepts in our society change only slowly
   Concept of identity will probably evolve
- Ease of use and increased profiling has higher importance than data minimization
- Data minimization may be hopeless anyway because of information that leaks at lower layers
- Staying anonymous becomes harder and harder

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 Security for society will grow but privacy of individual will erode

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Impact on our society not understood