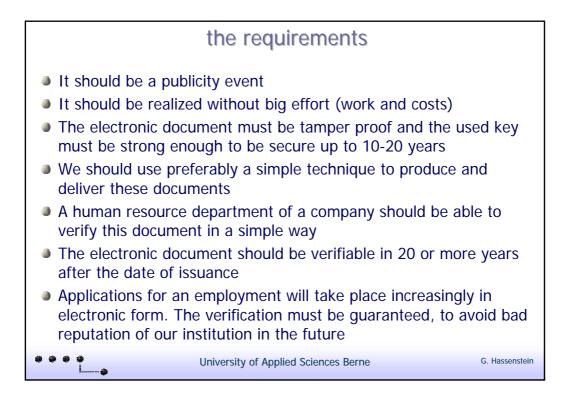


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the proposed solutions	
the hash value solution	the digital signature solution
 Diplomas and reports will be - as usual - hand out in paper form, but with a 128-Bit truncated hash value printed on it 	 Diplomas and reports will be hand out in paper form and additionally sent by e-mail to the student with a digitally signed pdf-file attached
 The University must provide a verification page on a website 	The student can send the diploma as pdf-file whenever he wants in his
 Everyone who knows the hash value of a diploma can simply verify it, by 	electronic application for an employment
entering sixteen characters or numbers (similar to a pgp- fingerprint)	 Everyone can verify the authenticity of the diploma by verifying the certificate of the signing person or institution
The student can generate a pdf-file (or what else) by his own, and send	 The certificate issuer and the used
it in his electronic application for an employment	certificate must be as confidential as possible to guarantee the verification
University of Appli	ed Sciences Berne G. Hassenste

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