PROHARDVER ELECTRONIC MARKETPLACE WITH ELECTRONIC SIGNATURE

Áron Szabó, <u>aron@ik.bme.hu</u> BME Centre of Information Technology

The PROHARDVER Informatikai Kft. – after a sound preparation – has won subsidy in the 1rd quarter of 2005 on GVOP 4.1.2 competition ("E-connection between business partners") to provide an electronic marketplace.

At the enumeration of requirements of Prohardver Electronic Marketplace (PReP) the most modern technologies were taken into account, based on the needs of interoperability, international standards must have been chosen. At the field of traditional electronic marketplace functions such as ordering, invoicing, payment, PReP decided to choose an "electronic signature-based" solution that fulfills the legal requirements, too. The technical and legal rules of electronic invoicing is given by APEH and PM, and also international standards and experiences are available to aid the implementation. The electronically signed order message is a new, unique solution, but this function raised other questions that must have been answered (such as "How will get a smart card"). There are also several payment methods that can be used.

The presentation will give an overview about the technical and legal background of PReP, and Hungarian and international requirements that must be taken into account, and also propagation and marketing plans will be detailed.