In-house e-banking security systems versus IdentiWall ä

In-house software development is tempting, but in the long run it is invariably more expensive than solutions offered by software vendors, and the results are less satisfactory, unless the system being developed is specific to your business. Banks are in the banking business. Their software personnel may have enormous expertise in supporting the financial aspects of banking. But banks are not in the online security business, or the IT communications or wireless communications business. They should not need to develop the expertise required to provide complete, robust, scalable and maintainable solutions in these fields. Software developers utilize the expertise gathered from all of their customer experience, and spread development costs over all customers. A software vendor's product reflects the cumulative experience of many customers and of experts in the specialty field serviced by that product. IDentiWall is no exception to this rule. Moreover, IDentiWall is the result of a cooperative, consortium effort to provide secure e-banking, so IDentiWall customers benefit from the experience of many banks and financial institutions. IDentiWall also incorporates syndication functions that are hard to implement in standalone systems you might build at home.

It's no secret that maintenance is most of the price of any software project. That includes correcting any defects, meeting future needs, and coping with expanded capacity and business operations. A large pool of users ensures that any defects are detected rapidly, and the cost of correcting them does not fall on a single customer. A security system like IDentiWall will be constantly updated to reflect emerging threats detected by experts, and will not become obsolete when banking software is altered. If you develop your own system, it also reflects the present needs and business operations of your bank or financial institution. These may change and expand as your business expands. Your solution may not be able to handle expanded capacity, multinational operations or new functions that you will undertake in the future. IDentiWall is designed to handle the largest e-banking and e-commerce operations and it is meant to grow with them. Our business is maintaining our software, so the system will not become obsolete and unusable because a key programmer left the organization.

A customer could also be their own banker. Do you think that is wise?

The table below compares the advantages of IDentiWall versus in-house development of banking security solutions.

Comparison Sheet: In-house security system versus IdentiWall ä

Feature	IDentiWall	In House solution
Outside expertise for continued development.	☑ **Yes** Outside expertise will always be available due to participation in an international consortium to combat online fraud and develop secure e-banking.	☒ **No.** There is no external source of information about the threats or how to combat them.
Developer is expert in software development and maintenance.	☑ **Yes**	☒ **No.** The bank is an expert in banking. It may have considerable IT and software expertise, but this is not comparable to the resources of a software developer.
Developer is an expert in security solutions	☑ **Yes** The developer's considerable expertise in security solutions allows incorporation of basic sophisticated functions such as Transaction Verification, Split transaction and Two factor verification	☒ **No.**. The bank has limited expertise in security solutions.
Development costs distributed over many installations.	☑ **Yes**.	☒ **No.** The bank will have to finance all the development.
Identification and frustration of attacks.	☑ **Yes**. Product identifies and frustrates attacks based on different techniques such as phishing and man-in-the-browser.	**?** Each type of attack may require new development.
Syndicated protection.	☑ **Yes**. Syndication allows pooling of information about attacks.	☒ **No.** Standalone system with no possibility for cooperation.
Independent security and banking functions.	☑ **Yes**. Security system is not affected by changes in banking software.	**?** Changes in banking system software can require changes in security functions.
Handle future expansion.	☑ **Yes**. IdentiWall is designed to handle the largest capacities and widest variety of financial operations.	**?** Development may not look much beyond your current business.
Handling of future threats	☑ **Yes** Future development includes plans to handle threats that experts believe will soon emerge, including mobile and synchronized viruses, Multiple-Session attacks, and code injection in mobile phones.	**?** Depends on additional development.
Solution for wireless customer out of range	☑ **Yes**. IdentiWall can reach customers even when they are out of range of their cellphone carrier. The solution does not impair security and provides flexibility in the service.	**?**
Solution for wireless handsets with no SMS.	☑ **Yes**. IDentiWall can operate with "pure voice" cellular telephones.	**?**
Solution for cellular roaming.	☑ **Yes**. IDentiWall supports roaming, even if the customer changes handsets.	**?**
SMS Quality of Service (QoS)	☑ **Yes**. Guaranteed delivery provides secure connection to cellular operator and failover dialog.	**?**