One-Time Password

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constant-display token).

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Lösung (öffentl	ich)		
time "window" (such the token clocks nee codes and usually g example; a hardwar "know" the PIN), wh can be keyed into th	bassword generated by a time-based algorithm that is h as one minute) and can (preferably) only be used of ed to remain synchronised over time and processes a enerated by a device, either after the entry of a PIN of the token with a display screen, either with or without a ereas those without a keypad are really only a single he PC along with the OTP during the logon process. So o passwords are needed (both "know") for authentica	nce within that time window. Also know are usually implemented to adjust for th or with a continuous display of the next a keypad. Those with a keypad are two -factor device. For the latter to become ome would argue that constant-display	In as Time Synchronisation. The server and Intat. The passwords are usually 6-digit OTP (ie no PIN required). For -factor devices ("have" the device and a two-factor solution a PIN/Password tokens are still only a "single-factor"

Other methods of generating the OTP are possible, such as where the PIN entered into the token is combined with the token's code to create a single pass-code (this method is prone to user error, as the PIN is not checked by the token, only by the OTP server). Another method consists of the OTP being distributed by the server (eg to a mobile phone or PDA) and then returned to the server in an authentication session within the allowed timeframe - this method should use digital signing of the distribution of the message, for enhanced security.

'One-time Pads' require that both parties have an identical list of pairs of numbers, words, or symbols, preferrably randomly generated. Once a choice has been used, it is crossed off the list and never used again. This method can also be used for "shared secrets" - see Secret Q&A ["https://www.rrze.wiki.uni-erlangen.de/index.php/Glossar#Secret_Q.26A"].

Source: "http://identityaccessman.blogspot.com/2006/08/identity-dictionary.html"