

PINsafe: How it Works

Overview of Swivel's PINsafe Product

PCN's Multi-Factor Authentication Solution utilizes Swivel's PINsafe product to enable simple, secure, and reliable access to IT systems at any time and from any place.

How It Was Then

Mobility creates the need for strong security. In particular, user authentication processes - such as passwords - are often the weakest links in many secure access systems. Mobile access can create a trail of vulnerabilities, at worst opening the door to core systems. Traditional token-based solutions often are associated with hidden and rising costs resulting from the need to provide users with a device. In addition to the costs, the requirement to provision tokens can create a wasteful distraction for administrators and the solutions are often frustratingly complicated for users.

How It Is Now

PCN chose PINsafe because Swivel is setting a new benchmark for authentication solutions, utilizing technology based on 22 global granted patents. Swivel offers a choice of tokenless multi-factor secure authentication solutions. It gives organizations of every size the control and freedom to focus on their core activities and future growth, rather than daily security concerns.

How It Works

Swivel's PINsafe solutions are reliable and resilient, delivering cost-effective authentication that is simple to deploy and to use. The unique Swivel system combines the use of a registered PIN and a randomly generated security string. A one-time code (OTC) is extracted from the security string delivered to the user simply by "reading off" the digits that correspond to the position in the string of the numbers in the registered PIN.

For example if the PIN is 2-4-6-8 and the security string is 5173920648 the OTC would be the 2nd, 4th, 6th and 8th digits: 1-3-2-6. See below for illustration.

