SECURE PHI, PII, AND CARDHOLDER DATA

ShieldConex®

ShieldConex® utilizes both hardware-based encryption and vaultless tokenization to secure Personally Identifiable Information (PII), Protected Health Information (PHI), and cardholder data (CHD) entered online. ShieldConex immediately masks sensitive data upon entry through Bluefin's iFrame or API's, ensuring that it never travels through a system or network as clear-text, where it could be accessible in the event of a data breach.

Security Features

Flexible: Select any data element that you want to protect, from social security numbers, to health information, to CHD or ACH Account Data.

Omnichannel: Generate the same format-preserving token across card type and utilize one common token to identify where and how your customers are purchasing.

Maintain Control: Maintain control of your Ecommerce page without processing or transmitting sensitive data with our iFaaS solution or API option.

Cloud-Based: Quickly implement ShieldConex in 2-7 days with no costly on-premise installation or data storage requirements on your system.

Complete Data Security
Encrypt, Tokenize and Authenticate

Reduce PCI Scope: ShieldConex removes credit and debit card information from your system and networks, which can reduce your PCI compliance scope up to 90% to an SAQ A.

Address Data Privacy Regulations: ShieldConex meets international and U.S. data privacy regulations by pseudonymizing, or "masking," data at the point of online entry.

Meet Nacha Rules: ShieldConex addresses Nacha rules for the protection of Account Data and Account Numbers not only in storage, but also upon entry into online web forms.

Authenticate Consumers: ShieldConex includes 3D Secure (3DS) for Secure Customer Authentication (SCA) and addressment of Payment Services Directive 2 (PSD2) regulations

Resources

ShieldConex FAQ

Common ShieldConex Questions

Developer Portal

APIs, Sandbox and more

Education

Whitepapers and briefs on data security

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