

What is Payment Tokenization?

Ever wonder how companies keep your credit card info safe when you shop online?

The secret weapon is **Payment Tokenization.**



Payment tokenization replaces sensitive card data with a unique "token" - a random string of characters.



How it works:

- 1 — You provide your credit card details during the checkout process.
- 2 — The payment gateway immediately replaces your card data with a unique token.
- 3 — The token is used to process the payment instead of your actual card number.
- 4 — Your real card information is kept safe and encrypted in a secure vault.



Why it matters:

- 1 — **Tokenization minimizes the risk of sensitive data exposure during breaches.**
- 2 — **Using tokens makes it harder for fraudsters to steal and use card details.**
- 3 — **Tokenization helps businesses meet PCI DSS requirements more easily.**
- 4 — **Tokens facilitate secure and convenient recurring billing without storing sensitive data.**



At Basis Theory, we take tokenization to the next level.

As a PCI Level 1 compliant service provider, we extend our independently assessed and approved CDE to customers.

This means you can collect, secure, and share credit cards without bringing your systems into scope.



Comment below to book a quick demo with our Product Expert!

