

1. Description

- 1.1 This solution is an add-on that supplements our solution Card Data Tokenization and that converts card or CVV (Card Security Code) tokens generated by our Card Data Tokenization solution back into their original form in real-time within online messages (detokenization).
- 1.2 This solution works as a protective barrier between Customer and the Customer Selected Providers. that needs to transmit card-sensitive data to Customer.
- 1.3 In a nutshell, this solution sits between the Customer (who receives/sends tokens, through messages) and a Customer Selected Provider (who receives/sends payment card data in raw, through messages).

2. How does the solution work?

- 2.1 The Customer or the relevant Customer Selected Provider's application will generate a message containing tokens or card data in raw.
- 2.2 This solution intercepts the messages.
- 2.3 This solution will replace the tokens contained in the messages with the corresponding payment card number previously stored, without changing the format of the message.
- 2.4 After replacing tokens with payment card numbers, this solution submits the messages to the relevant Customer Selected Provider's system or to the Customer, as the case may be.
- 2.5 This solution waits for a response from the relevant Customer Selected Provider and forward it to the relevant Customer's application.

3. Disclaimers and limitations

- 3.1 This solution is available for detokenization only.
- 3.2 This solution detokenizes the card or CVV token only in the HTTP (Hyper Text Transfer Protocol) body, not in the header.
- 3.3 The configuration must set a fixed HTTP request method as dynamic methods are not supported.
- 3.4 Customer must call this solution for exchanging online messages with the Customer Selected Providers.
- 3.5 This solution cannot:
 - 3.5.1 Process multiple tokens in the same field.
 - 3.5.2 Replace tokens in a different field from where they were originally input (for example, a token that was in field 1 cannot be replaced with a card in field 2).
 - 3.5.3 Support message conversion (for example, if a message is in hexadecimal/binary format, it needs to be converted before the tokens can be detokenized).

4. Dependencies

- 4.1 Customer must have contracted and implemented our Card Data Tokenization solution.
- 4.2 No data will be shared with Bespoke Providers until Customer procures and provides the relevant [terms of use](#) signed by the relevant Bespoke Provider.

5. Integrations

- 5.1 This solution can be integrated into Customer's via web services.
- 5.2 Other integrations with Customer's front and back ends may be available, subject to further scoping.