METHODS AND SYSTEMS FOR ADAPTING TIMEOUT PERIOD FOR AUTHENTICATION IN PAYMENT PROCESSING

ABSTRACT

Embodiments provide payment methods, server systems and devices for dynamically adapting a timeout period. The method includes receiving, by a server system associated with a payment network, a payment transaction request from a merchant interface. The payment transaction request includes a payment information and a payment card information of a user. After receiving the payment transaction request, a plurality of authentication options may be presented to the user for authenticating the payment transaction. The user may select an authentication option from the plurality of authentication options. A timeout period for authenticating a payment transaction is determined based on the authentication option selected by the user. The timeout period is determined using a set of predefined rules. Moreover, the timeout period may be dynamically adapted based on the authentication option and one or more of a plurality of timers, a plurality of usage analytics data and a user profile information.

FIG. 11A