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(57) Abstract :
The present disclosure relates generally to the field of computer security. More specifically, the present disclosure relates to a system for protecting data transactions between applications by an API security platform. The system (100) includes a cloud server (102), an authentication module (104), an authorization module (106), a data encryption decryption module (108), a logging and monitoring module (110), a threat intelligence module (112), a scanning module (114), a compliance module (116) and a reporting module (118). The authorization module (106) is provided to restrict access to specific data and resources. The threat intelligence module (112) is provided to analyze and identify potential security threats using machine learning and artificial intelligence algorithms embedded on the module. Further the present invention relates to a method for protecting data transactions between applications by an API security platform. The API security platform offers a high level of protection to sensitive data transactions.

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