

# SMARTRAMS: An SDK Helping PSPs Integrate Multiple Payment Platforms with Minimal Programming

## Client

Large publicly traded payment processor in the US, specializing in e-commerce, retail, transportation, and utilities

## Industry

Financial Services:  
Payments & Loyalty



**Shorter development time**

### CHALLENGE

- Our client needed a payment gateway for its merchants that would integrate with various payment processors.
- Rapid deployment was essential but writing code for multiple platforms is a very long, time-consuming process, therefore the client approached ThoughtFocus to deliver a solution that would offer a reduced development time and free up its internal programming resources.



**More efficient handling of repetitive programming tasks**

### SOLUTION

- The SMARTRAMS solution from ThoughtFocus is a software development kit that provided the client with a seamless and faster method for integrating the payment gateway with many payment processors for transaction authorizations.
- We configured the SMARTRAMS SDK to meet each individual processor's specifications, speeding up the repetitive programming work and development process required for integrating with multiple platforms.
- Our teams developed SMARTRAMS as an automated, fast code-generating engine that drastically shortened the development time for integration from several months to several days.
- The SMARTRAMS SDK developed by ThoughtFocus is compatible with Windows®, Linux, Android®, and iOS platforms.

## Benefits

- More efficient utilization of internal programming resources.
- Reduced programming time, faster overall development and time to market.
- Agile and flexible smart transaction management system that can be adapted to quickly accommodate additional payment processors in the future.
- More attractive to merchants thanks to fast deployment of the payment gateway.
- Ongoing post go-live support from a trusted partner and engineering house.