



Client Side Encryption

Simple encrypted card payments

worldpay.com/gateway-services

Why choose Worldpay Gateway?



Single integration allowing access to full suite of functionality



Robust, global, high-capacity solution



Customer-led innovation and insight

What is CSE?

Client Side Encryption (CSE) is the latest integration method that allows you to take full ownership of your consumers' payment experience whilst removing the need for you to come into contact with card data.

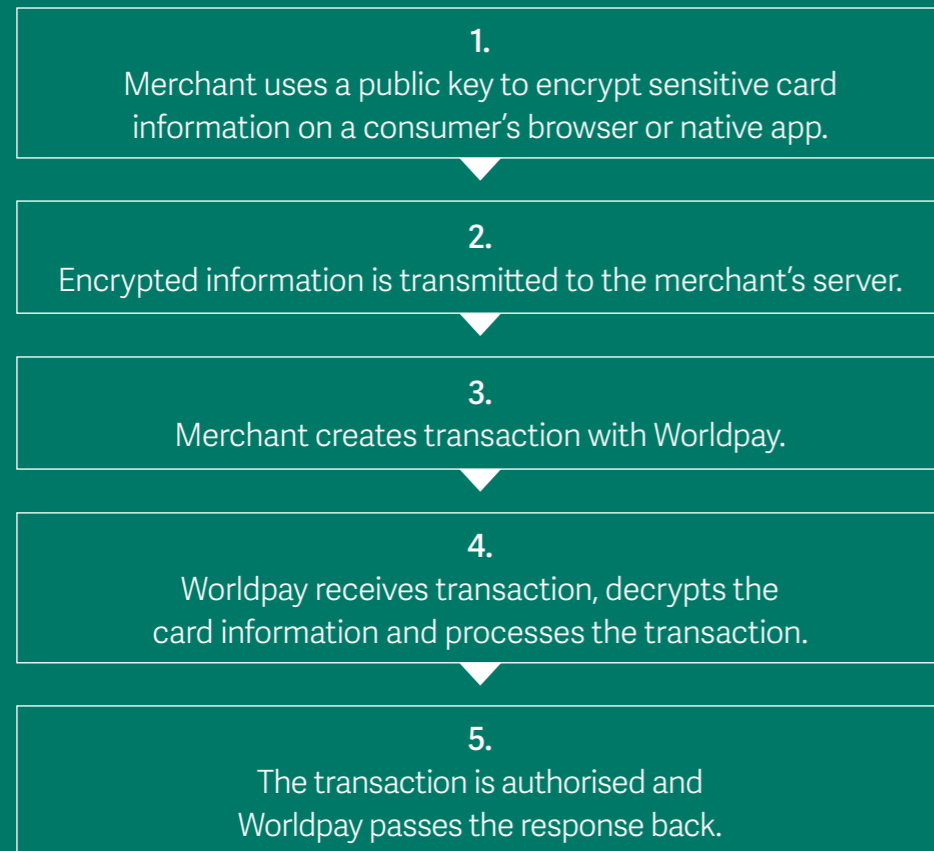
Through the innovative use of encryption, CSE helps reduce the scope and cost of PCI DSS on your business.

In order to optimise integration, Worldpay offers a collection of Software Development Kits (SDKs) in a range of languages for both mobile and web. Our SDKs mask the complexity of sophisticated encryption techniques, so integration remains simple and fast.

How does CSE work?

CSE encrypts card data before it ever leaves the payment pages, so it is securely transmitted to Worldpay.

By using public/private key encryption, we ensure that only Worldpay can decrypt the information once it has been secured. The following steps outline how CSE works:



Key benefits



Simple integration

Through the use of SDKs, Worldpay enables merchants to integrate CSE with the least amount of effort and cost.



Reduced PCI DSS burden

Traditional methods of merchant-hosted payment pages are not always cost-effective. CSE has the potential to reduce PCI DSS cost and scope.



Fast and reliable transition

Speed is one of the main benefits of CSE. Encryption only requires a single request to transmit the data to Worldpay, which is vital for mobile devices with intermittent connectivity.



Interoperability

CSE works with all existing gateway functionality from Worldpay including 3-D Secure, Tokenisation, zero-value authorisation, etc.



Additional security

To protect merchants from fraud, data is encrypted before it is sent through the network, removing any possibility of interception while on route to Worldpay.



Contact Worldpay

Please visit worldpay.com/gateway-services for more information.

© Worldpay 2015. All rights reserved.

This document and its content are proprietary to Worldpay and may not be reproduced, published or resold. The information is provided on an "AS IS" basis for information purposes only and Worldpay makes no warranties of any kind including in relation to the content or sustainability. Terms and Conditions apply to all our services. Worldpay (UK) Limited (Company No. 07316500 / FCA No. 530923), Worldpay Limited (Company No. 03424752 / FCA No. 504504), Worldpay AP Limited (Company No. 05593466 / FCA No. 502597). Registered Office: The Walbrook Building, 25 Walbrook, London, EC4N 8AF and authorised by the Financial Conduct Authority under the Payment Service Regulations 2009 for the provision of payment services. Worldpay (UK) Limited is authorised and regulated by the Financial Conduct Authority for consumer credit activities. Worldpay, the logo and any associated brand names are all trademarks of the Worldpay group of companies.