



# **Fraud prevention with ACI ReD Shield**

Integration Guide

Version 6.2.1

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## Document history

Date	Name	Change
04.10.2016	Peter Posse	First version

# ABOUT ACI RED SHIELD

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## General information about ACI ReD Shield

Computop is integrated into the ReD1-Gateway which guarantees access to ACI ReD Shield – an online system for real time fraud prevention with immediate decision-making (accept/suspicious/decline) for eCommerce transactions based on regulations which are administered by a ACI ReD Shield risk analyst.

The transactions submitted to the Computop Paygate are automatically checked for fraudulent activity by ACI ReD Shield before being processed. Depending on the result from ACI ReD Shield and the configuration for a "suspicious" response a transaction is either forwarded to the acquirer for authorization or declined due to possible suspicion of fraud or authentication is requested via 3D Secure.

# ACI RED SHIELD ADDITIONAL PARAMETERS

## Additional parameters for calling the Paygate interface for credit cards

ACI ReD Shield fraud prevention applies to VISA, MasterCard and AMEX credit cards via the Paygate payssl.aspx and direct.aspx interfaces and relates to the GICC protocol.

With respect to the general and other special parameters for making a credit card payment via the payssl.aspx and direct.aspx interfaces, please check the credit card handbook.

**Notice:** For security reasons, Paygate rejects all payment requests with formatting errors. Therefore, please use the correct data type for each parameter.

The following table describes the encrypted payment request parameters:

Parameter	Format	CND	Description
<b>ACI ReD Shield: Invoicing address</b>			
CustomerID	ans..16	O	Customer ID or customer number
FirstName	as..30	O	First name of the customer
MiddleName	as1	O	Initials of the second customer name
LastName	as..30	O	Surname of the customer
AddrStreet	ans..30	O	Customer's street and house number
AddrAddition	ans..30	O	Address c/o
AddrCity	ans..20	O	Customer's location
AddrState	a3	O	Code of the customer's Federal State
AddrZIP	ans..9	O	Postcode of the customer
AddCountryCode	a3	O	Country code of the customer, 3 characters
Phone	n..19	O	Customer's private phone number (only digits, no spaces and special characters)
WorkPhone	n..19	O	Customer's work phone number (only digits, no spaces and special characters)
E-Mail	ans..45	O	Customer's email address (with @ symbol)
DateOfBirth	n8	O	Date of birth in the format YYYYMMDD
<b>ACI ReD Shield: Delivery address</b>			
sdFirstName	as..30	O	First name in the delivery address
sdMiddleName	as1	O	Initial of the second name in the delivery address
sdLastName	as..30	O	Surname in the delivery address
sdStreet	ans..30	O	Number and street in the delivery address
sdAddressAddition	ans..30	O	Address addition in the delivery address
sdCity	ans..20	O	Town/city in the delivery address
sdState	a3	O	Code of the Federal State in the delivery address
sdZIPCode	ans..9	O	Postcode in the delivery address
sdCountryCode	a3	O	Country code in the delivery address, 3 characters
sdPhone	n..19	O	Phone number in the delivery address (only digits, no spaces and special characters)

ACI ReD Shield Additional parameters: Additional parameters for calling the Paygate interface for credit cards

<b>sdWorkPhone</b>	n..12	O	Fax number in the delivery address (only digits, no spaces and special characters)
<b>sdEMail</b>	ans..45	O	Email address in the delivery address(with @ symbol)

Additional parameters for ACI ReD Shield fraud prevention for credit card payments