

Secure Hosted Payment Page

Styling Guide

Document Ref. 0728

Version 30.01

3 June 2024

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Table of Contents

Chapter 1 Overview	4
1.1 Content Security Policy (CSP)	4
Chapter 2 Customising Payment Page	6
2.1 Page Options	6
2.2 Example Payment Pages	7
2.3 Page Navigation Modes	8
2.4 Browsers and JavaScript	8
2.5 Hosted Resources and PCI Compliance	9
2.6 Customisation Steps	9
Chapter 3 Development Tools	10
3.1 Tablet Shop	10
3.2 Testing CSS	10
Chapter 4 Customising Page Styling	11
4.1 Increasing Width of Card Entry Panel	11
4.2 Store Logo	11
4.3 Hiding Scheme Logos and their Links	11
4.4 Hiding Store Display Name	11
4.5 Hiding HTML Element Contents	11
4.6 Button Positions and Focus	12
4.7 Checkbox Positions	12
4.8 Style Card Entry Panel	12
4.9 Separate Month/Year Date Fields	12
4.10 Combined Month/Year Date Fields	14
4.11 CSC Description	15
4.11.1 Default Inline Description	15
4.11.2 Formatting Inline Description	16
4.11.3 Displaying Popup Heading	17
4.12 Custom Fonts	17
4.13 Input Field Labels	17
4.14 Inline Validation Styling	18
4.15 Error Summary List Styling	19
4.16 Error Message Styling	20
4.17 Field Styling	21
4.18 Error Page Styling	22
4.19 ACS Holding Page	22
Chapter 5 Customising Page Text	23
5.1 Text Labels	23
5.1.1 Default Text Properties File	23
5.1.2 Property File Notes	36
5.2 Internationalisation Language Support	37

Chapter 6 CSS Classes and IDs	38
6.1 Classes	38
6.2 IDs	40
Chapter 7 Web Accessibility and EQA/DDA Compliance	53
7.1 Web Accessibility and the Law	53
7.2 Website Design	53
7.3 Payment Page Accessibility Compliance	54
7.4 Payment Page Accessibility Implementation	54
7.4.1 Screen Readers	54
7.4.2 Page Navigation using Keyboard	54
7.4.3 Page Titles	55
7.4.4 Headings	55
7.4.5 Labels and Tooltips	55
7.4.6 Images and Alternative Text	55
7.4.7 Relative Sizes	56
7.4.8 Layout	56
7.4.9 Focus	56
7.4.10 Help	56
7.5 Tools and Further Information	57
<i>What's New</i>	58

Chapter 1 Overview

The purpose of this document is to provide information on styling and customising the Secure Hosted Payment Page ("Payment Page"); a hosted internet payment page for the authorisation and settlement of credit/debit card transactions used with the Smartpay Advance and Smartpay Bureau gateway services. The Payment Page provides a secure, real-time, online credit and debit card payment service for merchants to accept a wide range of payment cards for their goods and services. It integrates with all secure payment solutions and services offered by Barclaycard; for information on what features are available for a specific service, please contact your consultant at Barclaycard.

Please note that the screenshots shown in this document are basic samples taken from Barclaycard's demonstration 'Tablet Shop'. The company logo, page styling, and screen text can all be customised to the merchant's requirements, as described in this guide.

The Payment Page uses Cascading Style Sheets (CSS) to customise the look and feel of the page. It has been designed to support the principles of web accessibility, enabling the payment page to comply with disability and equality regulations on the accessibility of websites to people of all abilities.

This document contains information on how to create your own style sheets, customise page text files, which you should return to Barclaycard to host.

1.1 Content Security Policy (CSP)

A Content Security Policy (CSP) is a string of information returned to a web-browser from a website when the browser attempts to load a web page from that site. The policy informs the browser what content it may use for that web page. This allows website owners to ensure that their users only exchange information with a well-defined and trusted set of services.

The Secure Hosted Payment Page now supports merchants who wish to implement CSP on their website to reduce threats such as Cross Site Scripting (XSS) and clickjacking. This improvement is backwardly compatible with existing integrations and all payment flows will continue to function as before.

The merchant is solely responsible for including in their CSP all domains for Smartpay and the external services used for alternative payment methods and third-party fraud services, shown in the table below. If not, then communication with the external service during the course of a payment will be blocked by the customer's web-browser and the payment will fail. Barclaycard is not responsible for any such failed payments.

For credit and debit card payments the Secure Hosted Payment Page URL must be added as a trusted source for the iFrame. CSP is applied to the 3DS journey, and content that previously would have been redirected to other URLs is now loaded into an iFrame and rendered as embedded content within the payment page.

The CSP definitions should include the main Secure Hosted Payment Page domain, plus the domains of all external third-party services that may be used. The Payment Page will automatically trust all ACS domains.

Domain	URL
Merchant's site	<merchant-site.com>
Secure Hosted Payment Page	<i>This will be provided by your on-boarding team.</i>
Ingenico APMs	<i>This will be provided by your on-boarding team.</i>
PayPal	https://api-3t.paypal.com/2.0/
Alipay	https://mapi-hk.alipay.com/gateway/do?
Kount Fraud Service (Data Collector)	https://ssl.kaptcha.com

CSP live proving tests should be run in report-only mode so that any violations will be ignored, but will be reported to the specified URI by specifying the following HTTP response header:

```
Content-Security-Policy-Report-Only: <policy-directive>; <policy-directive>; report-uri <report-endpoint>
```

Please note that `report-uri` is not supported by Internet Explorer.

Chapter 2 Customising Payment Page

The Payment Page can be customised to suit your requirements in the following areas:

- *Page Options* – Some of the fields and sections on the Payment Page are optional, and can be hidden from the page by the store configuration on Barclaycard's server.
- *Page Styling* – Payment Page styling is applied through the use of CSS files; you can create a set of CSS files for each of your supported devices (e.g. desktop computers, mobile phones, and tablets) optimised for the differing screen sizes and methods of user interaction. A Style Tool is available to aid you in developing your styling code.
- *Page Text* – The actual text content of the labels displayed on the payment and error pages can be customised through the use of properties files. Separate files can also be created to support additional languages (currently only Spanish).

2.1 Page Options

The Payment Page format has the following page options, which can be configured on behalf of the merchant by Barclaycard (contact your consultant for further advice):

- *Card entry options* – Some of the fields and sections on the Payment Page card entry form are optional. For example, the issue number and card security codes, or the addresses, can be independently removed via the store configuration. The card number, however, is always displayed.
- *Year ranges and formats* – The displayed years in the expiry date and start date fields are configurable in their ranges and their formats.
- *Card aware field options* – Some of the fields in the Payment Page card entry form can be configured to be displayed or hidden, depending on the entered card number. One or more PAN ranges can be defined in configuration, each with the following options:
 - Expiry Date year range
 - Expiry Date year format (e.g. 2014 or 14)
 - Expiry Date month format (e.g. FEB or 02)
 - Start Date is shown or hidden
 - Start Date year range
 - Start Date year format (e.g. 2014 or 14)
 - Start Date month format (e.g. FEB or 02)
 - Issue Number is shown or hidden
 - CSC is shown or hidden
 - CSC is optional
 - Payer Authentication (3-D Secure)

2.2 Example Payment Pages

The following screenshots show examples of the types of the desktop payment screen.

User Selection payment option

barclaycard

PayPage Post Semafone NWS

Purchase Details

Product	Samsung Galaxy S7 Edge
Amount	£249.99

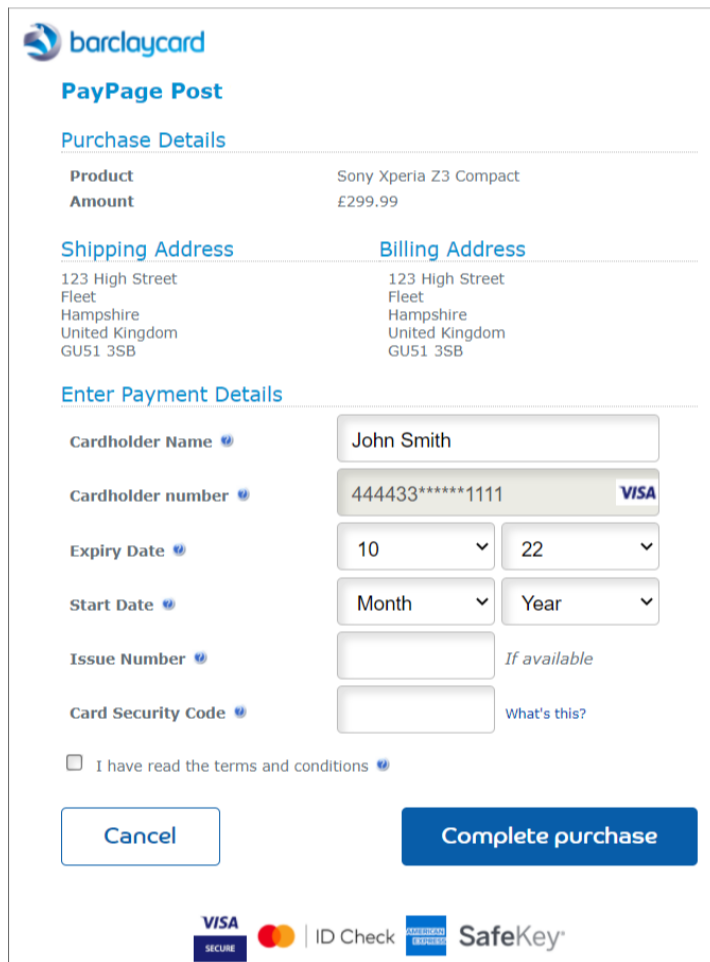
Shipping Address **Billing Address**

123 High Street Fleet Hampshire United Kingdom GU51 3SB	123 High Street Fleet Hampshire United Kingdom GU51 3SB
---	---

How would you like to pay?

-
-
-
-
-
-
-
-
-

Direct Payment



The screenshot shows the Barclaycard PayPage Post payment interface. It includes sections for Purchase Details, Shipping and Billing Addresses, and Payment Details. The Payment Details section contains input fields for Cardholder Name, Cardholder number, Expiry Date, Start Date, Issue Number, and Card Security Code. There are also checkboxes for terms and conditions, and buttons for 'Cancel' and 'Complete purchase'. Security logos for Visa Secure, Mastercard ID Check, and SafeKey are visible at the bottom.

2.3 Page Navigation Modes

The merchant's page Navigation Mode can be configured by Barclaycard to direct the browser to new pages using the following methods:

- *Redirect Method* – the Payment Page is displayed by redirecting the browser to the appropriate URL, usually within an iFrame but could also be in a separate page. This mode is suited for Payment Page integrations which run inside iFrames, as it gives an easier styling process when space is limited.
- *Inline Method* – the Payment Page is displayed as an overlay on the page inside an iFrame so the cardholder never leaves the original Payment Page screen while completing their transaction. This mode is suited for Payment Page integrations which consume the whole page and are not displayed within an iFrame on the merchant's site. The password entry screen is displayed inside an iFrame which is displayed on a modal panel on the Payment Page. Therefore, while this panel is displayed, the rest of the page is disabled. The size of the panel is configurable.

2.4 Browsers and JavaScript

The Payment Page relies on JavaScript being enabled within the customer's browser to support all of its functionality. However, if JavaScript is disabled then the payment page will still work but will only offer a basic card entry screen; it does not support any alternative payment providers (such as PayPal or Alipay) and 3-D Secure, although still supported by the payment page, will be dependent on the bank's implementation and whether it supports a non-JavaScript request.

2.5 Hosted Resources and PCI Compliance

The Payment Card Industry (PCI) Security Standards Council has identified that the use of externally hosted resources (such as JavaScript, iFrames, images, or CSS) on hosted payment pages represents a potential security risk. In particular, it presents an opportunity for malware to target account and personal information. To avoid this, and to ensure that merchants can qualify for PCI-SAQ A status, all elements of the Secure Hosted Payment Pages delivered to the customer's browser must originate only and directly from Barclaycard as the merchant's Level 1 PCI DSS validated third-party service provider.

Also, the risk presented by externally hosted content in a Payment Page is one relating to code authenticity and whether this provides a potential opportunity for malicious code to be inserted, which could affect the confidentiality and integrity of the sensitive data being captured in the Payment Page.

2.6 Customisation Steps

The following customisations can be made to the Payment Page:

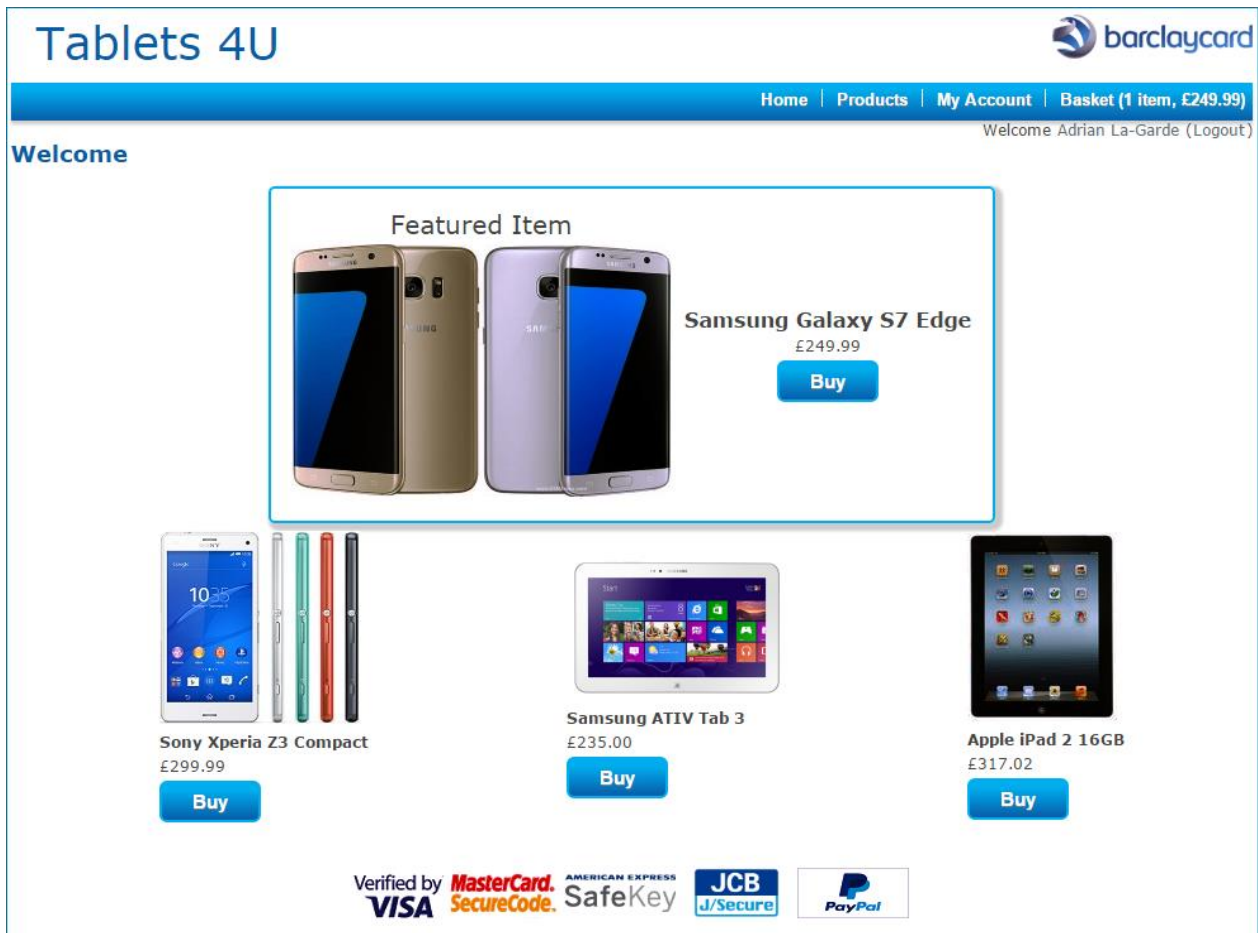
1. *Page Options* – The page options listed in *2.1 Page Options* can only be configured by Barclaycard. Contact your consultant to discuss your requirements.
2. *Page Styling* – The format of the Payment Page can be modified by applying your own customised CSS files. Sample CSS files for supported devices can be requested from your consultant. For further information, refer to *Chapter 3 Development Tools* and *Chapter 4 Customising Page Styling*. Image files may also be required on the page (e.g. company logo).
3. *Text Properties* – Contact your consultant to request the text properties files in order to customise the Payment Page text and Error Page text.
4. *Returning Files* – All CSS, customised text and error properties, and image files that you have created/amended should be sent to Barclaycard to be hosted (merchants are not permitted to host these files). Add all files to a compressed Zip file and e-mail it to PaymentGatewaySupport@barclaycard.co.uk for deployment.

Chapter 3 Development Tools

3.1 Tablet Shop

To assist you with the development of CSS code you may use the *Tablet Shop* (a simple demonstration online shop). Contact Client Support to set up an account to access the Tablet Shop.

To open the Tablet Shop use a web browser to open the link provided.



The screenshot shows the 'Tablets 4U' website interface. At the top left is the title 'Tablets 4U' and the Barclaycard logo. A navigation bar contains links for 'Home', 'Products', 'My Account', and 'Basket (1 item, £249.99)'. Below the navigation bar, a 'Welcome' message is displayed, followed by 'Welcome Adrian La-Garde (Logout)'. The main content area features a 'Featured Item' section with two images of a Samsung Galaxy S7 Edge smartphone, one in gold and one in silver. To the right of the images, the text reads 'Samsung Galaxy S7 Edge' and '£249.99', with a blue 'Buy' button below. Below the featured item, there are three product listings: a Sony Xperia Z3 Compact smartphone for £299.99, a Samsung ATIV Tab 3 tablet for £235.00, and an Apple iPad 2 16GB tablet for £317.02. Each listing includes an image of the device and a blue 'Buy' button. At the bottom of the page, there are logos for payment methods: 'Verified by VISA', 'MasterCard SecureCode', 'AMERICAN EXPRESS SafeKey', 'JCB J/Secure', and 'PayPal'.

3.2 Testing CSS

To assist with developing CSS for styling your pages contact Client Support to request the URL for the Hosted Secure Payment Page. With a page displayed in your browser, press **F12** to access the style editor.

Chapter 4 Customising Page Styling

The following tips show you the CSS code required to modifying the appearance of various page elements.

4.1 Increasing Width of Card Entry Panel

The card entry form and the **Pay Now** and **Cancel** payment buttons are constructed in different elements, but can both be resized simultaneously using the CSS code below:

```
#cardEntryPanel, #commands { width: 50%; }
```

Note that by default the Payment Page is responsive and shows only vertical scrolling when zoomed to 400%; no horizontal scrolling is present at any level of zoom.

4.2 Store Logo

Set the store logo using the following CSS to display the image properly, the height and width of the DIV containing the image must be set to the dimensions of the image. The image files should be sent to Barclaycard for deployment (see 2.6 *Customisation Steps*).

```
#logo {  
  width: 201px;  
  height: 47px;  
  background-position: center;  
  background-image: url("../images/barclaycard.png");  
  background-repeat: no-repeat;  
  margin-right: auto;  
  margin-left: auto;  
}
```

4.3 Hiding Scheme Logos and their Links

To hide a scheme logo (e.g. Amex, Google Pay, UPI, JCB), and at the same time hide their links from screen readers, the associated URL value in the text properties file should be removed (see 5.1.1 *Default Text Properties File*).

For example, to hide the logos and links for UPI and JCB their values must be removed as shown here:

```
UrlGooglePay=https://pay.google.com  
UrlUPI=  
UrlJCB=  
UrlPAY_PAL=https://www.paypal.com/uk/cgi-bin/webscr?cmd=xpt/cps/popup/OLCWhatIsPayPal-outside
```

4.4 Hiding Store Display Name

To hide the Store Name field from the Card Entry Form, add the following code to the CSS file:

```
#storeName { display:none; }
```

4.5 Hiding HTML Element Contents

The "hidden" style class needs to be included in the merchant stylesheets so that any HTML element that contains this class will not display the content of the element on the page. The content will, however, be used by a screen reader.

```
.hidden {  
  position: absolute;  
  left: -10000px;  
  top: auto;  
  width: 1px;
```

```
height: 1px;
overflow: hidden;
}
```

4.6 Button Positions and Focus

The **Cancel** and **Pay Now** buttons are defined in the CSS in the opposite order to the way they appear on the screen. This is to ensure that the default action for submitting the form is always given to Pay Now. These are styled the correct way using:

```
#submitButton { float: right; }
#cancelButton { float: left; }
```

The **Pay using Google Pay** button visible focus can be configured using the following code:

```
#googlepayButtonHolder:focus-within {
  border: 2px solid black;
  border-radius: 4px;
  padding: 2px;
}
```

4.7 Checkbox Positions

The following code changes the position of the first checkbox (a similar code is used for the second checkbox):

```
#confirmCheck1 { float: left; }
```

4.8 Style Card Entry Panel

The following code changes the background colour of the Card Entry Panel:

```
#cardEntryPanel {
  background-color: f2f2f2;
}
```

4.9 Separate Month/Year Date Fields

When autocomplete is enabled in configuration the ExpiryDate and StartDate form fields change from dropdown fields into two text input fields for expiry or start Month and expiry or start Year. In this case the following code will enforce a minimum width to prevent them being cropped.

In `payPage.css`

```
#expiryMonth, #startMonth, #expiryYear, #startYear {
  min-width: 65px;
}
#expiryMonthText, #expiryYearText{
  min-width: 65px;
}
#startMonthText, #startYearText{
  min-width: 65px;
}
```

The following changes can also be made to accommodate the new date field watermark (placeholder) and prevent the following issues:

- When zoomed into 500% prevent text from wrapping or being hidden.
- When date field inputbox mode is enabled, align labels to avoid being overlapped.
- When error text and tooltip are enabled, error text fields are contained within a fixed width so they don't overflow into the tooltip area.

- Alignment of checkboxes and their labels is fixed: checkboxes are on the left and corresponding labels are on the right of them.

```
@media screen and (max-width: 639px){
  #startYearTextLabel,#expiryYearLabel1 {
    margin-left: 1.2em
  }
  #startYearText, #expiryYearText{
    min-width: 4.5em;
    margin-left: 1.2em;
  }
  #startMonthText, #expiryMonthText{
    width: 85%;
    margin-right: 0.5em;
  }
  #expiryMonthLabel1, #startMonthTextLabel{
    width: 32%;
  }
  #expiryDateError, #startDateError {
    max-width: 65%;
  }
}

@media screen and (min-width: 300px) and (max-width: 370px) {
  #confirmCheck1LabelPanel, #confirmCheck2LabelPanel{
    width: 89%;
  }
}

@media screen and (max-width: 300px) {
  #confirmCheck1LabelPanel, #confirmCheck2LabelPanel{
    width: 87%;
  }
  #expiryDynamicDateToolTip, #startDynamicDateToolTip {
    left: 100%!important;
    bottom: 3em!important;
  }
}
```

In tabletPayPage.css

```
#expiryMonth, #expiryYear, #startMonth, #startYear {
  min-width: 65px;
}
#expiryMonthText, #expiryYearText, #startMonthText, #startYearText {
  min-width: 65px;
}
```

In mobilePhonePayPage.css

```
#expiryYear, #startYear, #expiryMonth, #startMonth {
  width: 42.5%;
  min-width: 65px;
}
.subFormLabel{
  text-align: left;
  padding-left: 0.0em;
  display: inline-block;
  width: 42.5%;
  text-align: left;
  margin: 0% 0% 0% 2%;
}
#expiryMonthText, #expiryYearText, #startMonthText, #startYearText {
  min-width: 65px;
  width: 90%;
  margin-left: 0%;
}
```

Dynamic Date Field Formats


The Start and Expiry year fields will interpret and process shortform date format when configured to accept longform so that the number of key strokes needed can be reduced. The month fields will interpret a 'mm' date with or without a leading zero. For year format configured as 'yyyy' the user can enter either a 4-digit or 2-digit value as input in the year field'. For example, the year can be entered as either '23' or '2023'.

4.10 Combined Month/Year Date Fields

If Start and Expiry Date fields are configured as inputbox mode with showDynamicField then the separate month and year fields will be combined into a single date field that accepts 'month/year'. The format of the field will dynamically complete as the user types the values. This will only work with JavaScript enabled browsers. The field behaves as follows:

- For February to September enter '2' to '9' and the field will automatically prepend zero and append '/', allowing the year to be added as either 'yy' or 'yyyy'. E.g. entering '2' will change to display '02/'.
- For January, October, November, December enter '01', '10', '11', '12' respectively and the field will automatically append '/', allowing the year to be added as either 'yy' or 'yyyy'. E.g. entering '10' will change to display '10/'.

Expiry Date example


Expiry Date (mm/yy)* 

08/28



The month and year of your expiry date

Start Date example

Start Date (mm/yy)* 

02/21|



The month and year of your start date

payPage.css Styling

The default styling described above will only be applied by to new merchants; if existing merchants wish to use this new field formatting then the following CSS can be applied to payPage.css:

```
.subFormLabelDynamic {
  font-size: 0.688em;
  text-align: left;
  font-weight: bold;
  padding-left: 0.0em;
  padding-bottom: 0.5em;
  display: inline-block;
  width: 69%
}

.labelHelpImgDynamic {
  width: 1em;
  height: 1em;
  display: inline-block;
  margin-left: 0.5em;
}

#expiryMonthText, #expiryYearText {
#expiryMonthText, #expiryYearText, #expiryDynamicDate, #startDynamicDate {
  width: 65%;
```

```
margin-right: 0.5em;
min-width: 65px;
}

#expiryDynamicDateToolTip, #startDynamicDateToolTip {
  left: 16em!important;
  bottom: 3.3em!important;
}
```

Field Validation and Error Formats

```
div.inputError span.formLabel label, div.inputError span.formLabel span, div.inputError span {
div.dynamicDateInputError {
  background: #ffffff url("../images/cross.png") no-repeat 60%60%;
}

div.inputError span.formLabel label, div.inputError span.formLabel span, div.inputError span,
div.dynamicDateInputError span.formLabel label, div.dynamicDateInputError span.formLabel span,
div.dynamicDateInputError span {
  color: #800;
}

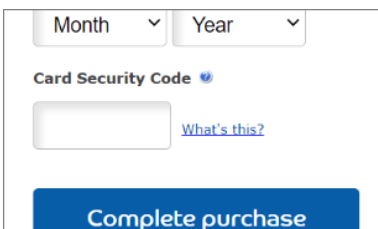
div.inputError select, div.inputError input, div.inputError checkbox {
div.inputError select, div.inputError input, div.dynamicDateInputError input,
div.inputError checkbox {
  background-color: #ffe3e3!important;
  color: #800;
}

div.dynamicDateInputValid {
  background: #ffffff url("../images/validate.gif") no-repeat 60%60%;
}

div.inputValid select, div.inputValid input, div.dynamicDateInputValid input,
div.inputValid checkbox {
  background-color: #dffffd!important;
  color: #005f00;
}
```

4.11 CSC Description

4.11.1 Default Inline Description



The screenshot shows a payment form with two dropdown menus for 'Month' and 'Year'. Below them is the label 'Card Security Code' with a help icon. A text input field for the CSC is followed by a blue link that says 'What's this?'. At the bottom of the form is a blue button labeled 'Complete purchase'.

By default the “What’s this?” link is displayed next to the CSC field. This link can be configured to display the help text either as inline or in a popup box. Alternatively, the inline help text can be configured to always display on the page.

4.11.2 Formatting Inline Description



When the CSC "What's this" link is configured as inline text then the following code shows how you can style the help text displayed below the CSC field.

```
.closeInlineIcon {
  position: relative;
  top: -3.3em;
  left: 29em;
  display: inline;
  z-index: 1000;
}
.closeInlineIconImg {
  height: 0em;
}
#closeCSCInlineIconImg {
  width: 1.875em;
  height: 1.875em;
  display: inline-block;
}
#cscInlineDescriptionBody {
  height: 9em;
  width: 100%;
}
#cscTextInline {
  display: block;
  padding: 0.625em;
  text-align: left;
}
#confirmCloseCSCInlineIconImg {
  width: 1.875em;
  height: 1.875em;
  display: inline-block;
}
#confirmCscTextInline {
  display: block;
  padding: 0.625em;
  text-align: left;
}
.cscInlineTextControl {
  display: none;
}
.cscInlineDisplay {
  display: none;
  padding-top: 0.1em;
}
.cscInlineTextControl:checked ~ .cscInlineDisplay {
  display: block;
}
#cscInlineTextDetails, #confirmCscInlineTextDetails {
  border:solid;
  border-width: 1px;
```


4.11.3 Displaying Popup Heading



When the CSC "What's this" link is configured as a popup box, by default the top heading of the CSC Description Dialog (e.g. "Card Security Code") is disabled by the following `display: none` code, so to display the heading you must remove the `cscHeading` ID from the code shown below.

```
#paypageHeading, #acsHeading, #cscHeading, #submitHelp,
#paymentDetailsHeader, #cscRightImage, #paymentMethodPanel {
    display: none;
}
```

4.12 Custom Fonts

You can define your own Base64-encoded font in the custom CSS file using the following command:

```
@font-face {
    font-family: 'myfont';
    src: url(data:application/font-woff;base64,d09GRgABAAAA...qAAA%3D) format('woff');
    font-weight: bold;
}
```

The text shown in bold shows a shortened sample of the full Base64-encoded string.

4.13 Input Field Labels

The code below shows how to style the input field element labels in the Card Entry Panel, in this example the text is being set to a bold style:

```
.formLabel {
    background-color: #f2f2f2;
    font-weight: bold;
}
```

The headings for the two sections of editable/non-editable fields must be styled using different identifiers:

Purchase Details Header

```
#purchaseDetailsHeader{
    font-weight: bold;
}
```

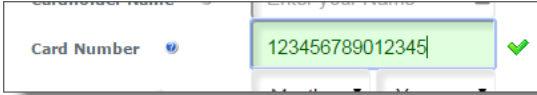
Payment Details Header

```
#paymentDetailsHeader.title {
    font-weight: bold;
}
```

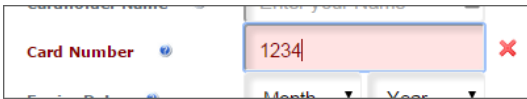
4.14 Inline Validation Styling

If Inline Validation has been configured for the merchant then the Payment Page fields are validated by the browser as characters are typed into the fields.

If a field passes inline validation, by default it's background turns green and displays a tick next to the field. E.g. Card number is a valid length, with valid characters:



If a field fails inline validation at any point while typing the text, by default it's background and label turn red and displays a cross next to the field. E.g. Card number is too short; it turns green once it reaches a valid length):



The following table describes the inline validation performed (fields are only displayed if set up to do so in the merchant's configuration):

Fields	Inline Validation Rules
Cardholder Name	This can only contain alphanumeric characters, spaces, apostrophe (') or hyphen (-) characters.
Card Number	This is a mandatory field and must only contain between 13 and 20 numeric digits.
Card Type	If mandatory, and no option is selected from the dropdown list, it is set to the Default card type.
Issue Number	This must only contain 1 or 2 numeric digits.
Card Security Code (CSC) , also known as CVN2 on UPI cards	This is either the last 3 digits on the signature strip, or the 4 digit code found above the card number on the front, if this security feature is available on the card.
Check boxes	If the confirmCheck1 or 2 fields have been configured as required, then the checkbox must be ticked.
Purchase Description	If configured, this field must contain alphanumeric characters.
Purchase Amount	If configured, this field must contain the amount in the lowest currency units.
Purchase Currency	If configured, a currency type must be selected from the dropdown list.

The background colour and icons can be styled using the following CSS:

Invalid Field Label Colour

```
div.inputError span.formLabel label {
  color: #800;
}
```

Invalid Field Background Colour and Text Colour

```
select.inputError, input.inputError, checkbox.inputError {
  background-color: #ffe3e3!important;
  color: #800;
}
```

Valid Field Background Colour and Text Colour

```
select.inputValid, input.inputValid, checkbox.inputValid {
  background-color: #DFFDFD!important;
  color: #005F00;
}
```

Invalid Field Icon File

```
div.inputError {
  background: #ffffff url("../images/cross.png") no-repeat 85%;
}
```

Valid Field Icon File

```
div.inputValid {
  background: #ffffff url("../images/validate.gif") no-repeat 85%;
}
```

Field Level Error Validation Text

```
#cardholderNameSection.inputError::after {
  content: 'Please enter the name on the front of your card';
  color: red;
  font-size: 16px;
  font-weight: 300;
  height: 30px;
  line-height: 20px;
  margin-bottom: -20px;
}
#cardNumberSection.inputError::after {
  content: 'Please enter the card number on the front of your card';
  color: red;
  font-size: 16px;
  font-weight: 300;
  height: 30px;
  line-height: 20px;
  margin-bottom: -40px;
}
#expirySection.inputError::after {
  content: 'Please enter expiry date';
  color: red;
  font-size: 16px;
  font-weight: 300;
  height: 30px;
  line-height: 20px;
}
#cscSection.inputError::after {
  content: 'Please enter the last three digits found on the back of your card';
  color: red;
  font-size: 16px;
  font-weight: 300;
  height: 30px;
  line-height: 20px;
  width: 150px;
  margin-bottom: -20px;
}
```

4.15 Error Summary List Styling

An error summary box may be displayed at the top of the screen containing a list of all error messages, each one linked so that it jumps to the field in error. The first line in the box is not a link and indicates how many errors have been identified on the page. As each error is fixed then it's entry in the box will disappear, and the error count will be updated.

⚠ There are 7 error(s) on the page
[Please enter your cardholder name](#)
[Please enter your card number](#)
[You must enter an expiry date](#)
[You must enter a start date](#)
[Card Security Code too short, minimum length: 3](#)
[Please confirm you have read the terms and conditions](#)
[Please confirm that this card would be the default card](#)

The following CSS is used to format the error summary panel:

```
#messagePanel {  
  padding: 0.5em 0.313em 0 0.313em;  
  border: 2px solid #D00;  
  color: #800;  
  background-color: #FFE3E3;  
  font-size: 0.75em;  
  font-weight: normal;  
  list-style: none outside none;  
  display: flex;  
  border-radius: 4px;  
  margin: 0.5em 0 0.5em 0;  
}
```

The following CSS is used to format the error list within the panel:

```
#errorMessageList {  
  list-style-type: none;  
  padding-inline-start: 0;  
  margin-block-start: 0;  
}  
.errorCount {  
  color: #e03030;  
  padding: 0 0 5px 0;  
}  
.hidden {  
  position: absolute;  
  left: -10000px;  
  top: auto;  
  width: 1px;  
  height: 1px;  
  overflow: hidden;  
}
```

The "hidden" style must be added to the merchant's style sheet, if not already present, so that the text is not displayed, but will be picked up by screen readers.

JavaScript Disabled Exception

Note that normally a screen reader will dictate the error count message if it changes; however, when a card number is entered and validated, the page will reload but the error count won't be dictated by the screen reader.

4.16 Error Message Styling

The colour styling of the individual error messages listed in the summary box can be specified by the following code. The standard value shown displays dark blue text. If no colour value is specified then the colour defaults to either the container which encloses the message (e.g. `body {color : #000}`) or the default blue colour where messages are hyperlinks.

```
[id*="_list"], [id*="_error"], [data-id=invalidCardTypeTopMsg], [data-id=errorCardType] {  
  color: #085DA9!important;  
}
```

4.17 Field Styling

All input fields will have the default Sans Serif font family.

Input Field

```
.formInputForError {
  font-size: 15px !important;
  border-radius: 4px;
  -webkit-border-radius: 4px;
  -moz-border-radius: 4px;
  -ms-border-radius: 4px;
  -o-border-radius: 4px;
  box-shadow: rgba(0, 0, 0, 0.1) 5px 5px 5px 0 inset;
  -webkit-box-shadow: rgba(0, 0, 0, 0.1) 5px 5px 5px 0 inset;
  -moz-box-shadow: rgba(0, 0, 0, 0.1) 5px 5px 5px 0 inset;
  padding: 10px 10px 6px;
  border: 1px solid #bbb;
  margin-bottom: 5px;
  -webkit-transition:all 0.25s ease;
  -moz-transition:all 0.25s ease;
  -o-transition:all 0.25s ease;
  transition:all 0.25s ease;
  font-family: sans-serif
}
```

If a field has an error when the page is submitted, or a field hasn't been populated, then it will have a red outline with an error icon close to the field, along with an inline error message. Use the following CSS to style the error message panel and the error icon:

Error Outline

```
.formInputForError {
  font-size: 15px !important;
  border-radius: 4px;
  -webkit-border-radius: 4px;
  -moz-border-radius: 4px;
  -ms-border-radius: 4px;
  -o-border-radius: 4px;
  box-shadow: rgba(0, 0, 0, 0.1) 5px 5px 5px 0 inset;
  -webkit-box-shadow: rgba(0, 0, 0, 0.1) 5px 5px 5px 0 inset;
  -moz-box-shadow: rgba(0, 0, 0, 0.1) 5px 5px 5px 0 inset;
  padding: 10px 10px 6px;
  border: 1px solid #D00;
  margin-bottom: 5px;
  -webkit-transition:all 0.25s ease;
  -moz-transition:all 0.25s ease;
  -o-transition:all 0.25s ease;
  transition:all 0.25s ease;
  font-family: sans-serif
}
```

Error Message Panel

```
.errorMessagePanel {
  padding: 0.5em 0.313em 0 0.313em;
  padding-left: 209px;
  color: #d6203e;
  font-size: 0.75em;
  font-weight: normal;
  list-style: none outside none;
}
```

Error Icon

```
.inlineErrorIcon{
  height: 1.25em;
  width: 1.25em;
  margin-right: 0.6em;
}
```

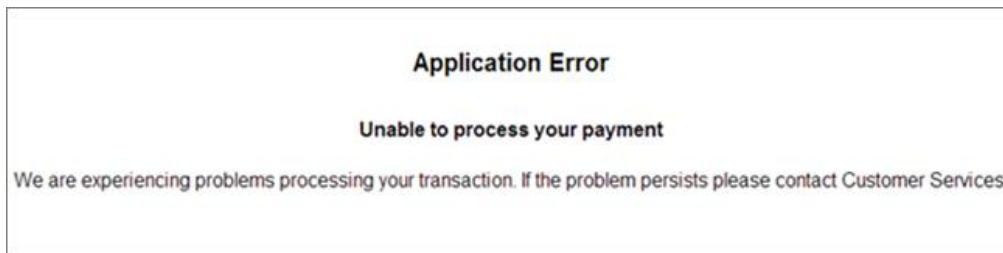
The error icon file location should also be added to the localised text properties file.

4.18 Error Page Styling

If an error occurs and the browser displays the error page, there is no guarantee that the session information is available. The text for the page is retrieved from the error page properties file. However, this text and its associated style sheet can be overridden with your own text and styling if required; for further information please contact your consultant.

Please note that the "No Session" error page can also be localised with translated text.

Below is an example of the standard error page:



4.19 ACS Holding Page

When redirecting to 3-D Secure, the holding page posts parameters to the ACS. To give users time to view this page, in the XML store configuration file add the holdingPageDelay attribute to the Opal element (this relates to the legacy name of the Payer Authentication Service) and set it to 5000 (for 5 seconds, for example).

The following can be used to style the page:

Text label

- redirectingToACS

Class

- logo

IDs

- acsLogo
- acsHeading
- textPanel
- returnText
- timerPanel
- progressSpinnerImage

Chapter 5 Customising Page Text

All text labels on the Payment Page can be customised by Barclaycard if required; contact your consultant to discuss your requirements.

5.1 Text Labels

The text labels can be configured in the `PayPage_Localised_Text_en.properties` file; please contact Barclaycard if you wish to localise this file.

All labels must exist; although a blank property value is allowed.

- Although start dates are no longer necessary, it is possible to enable them on a per-store basis; therefore, they are still included in the file.
- The majority of labels are self-explanatory; however, those that require explanation are defined in **Additional Notes** following the table.

5.1.1 Default Text Properties File

The following is a typical example of the default properties file:

```
purchaseDetails=Purchase Details
headerText=
cardPanelText=
footerText=
secureModeOn=Secure Mode is on
secureModeOff=Secure Mode is off
semafoneCR=Semafone CR
goods=Product
amount=Amount
surchargeAmount=Surcharge Amount
DELIVERY_CHARGE=Delivery Charge
TAX=Tax
OTHER=Other
totalAmount=Total Amount
surchargeInfo={1} Surcharge amount of {0} has been applied to your purchase amount
enterPaymentDetails=Enter your payment details
customerAddress=
customerPostCode=
paymentMethod=How would you like to pay?
paymentDetails=Enter Payment Details
confirmPaymentDetails=Confirm Payment Details
visaCheckoutPaymentDetails=Payment Details
visaCheckoutPaymentSummary=Payment Summary
changeCard=Change
tooltipChangeCard=Select a different payment card
cardSurchargeWarning=* This card type attracts a surcharge
addressChangeWarning=Your billing address may have changed. Please check above and if not correct,
select 'Change' above this message
footnoteIndicator=*
billingAddress=Billing Address
shippingAddress=Shipping Address
cardType=Card Type
cardholderName=Cardholder Name
cardholderNamePlaceholder=Enter your Name
cardNumber=Cardholder number
cardNumberPlaceholder=Enter your Card Number
expiryDate=Expiry Date
startDate=Start Date
issueNo=Issue Number
```

```
ifAvailable=If available
cardSecurityCode=Card Security Code
cscPlaceholder=CSC
cardSecurityCodeDescription=The Card Security Code is either the last three digits on the
signature strip, or the four digit code found above the card number on the front
confirmCheck1Label=I have read the terms and conditions
tooltipConfirmCheck1=Please tick this box to confirm you have read the terms and conditions
helpConfirmCheck1=Please tick this box to confirm you have read the terms and conditions
validation.confirmCheck1Required=Please confirm you have read the terms and conditions
confirmCheck2Label=Make this card default for future payments
tooltipConfirmCheck2=Please tick this box if you want to primarily use this card for future card
payments
helpConfirmCheck2=Please tick this box if you want to primarily use this card for future card
payments
validation.confirmCheck2Required=Please confirm that this card would be the default card
cancelPaymentButton=Cancel
cancelPaymentButtonTitle=Cancel (Alt[+Shift]+C)
submitOrderButton=Complete purchase
submitOrderButtonTitle=Pay (Alt[+Shift]+P)
verifyButton=Verify
resetPaymentButton=Reset
forceButton=Force
whatIsCSCLink=What's this?
tabletWhatIsCSC=What's this?
mobileWhatIsCSC=Help
whatIsCSC=What is my Card Security Code?
cscHelpTitle=What is my Card Security Code?
closeCSCBox=Close pop up
merchant=Merchant
currency=Currency
transactionType=Transaction Type
cardExpiry=Card Expiry Date
manAuthTitle=A manual authorisation is required for this transaction
manualAuthMessage1=Please contact
manualAuthMessage2=\ to obtain an authorisation code, enter the authorisation code in the text box
and click Authorise
authCode=Auth Code
completeReferral=Authorise
completeReferralAlt=Complete the transaction
completeReferralTitle=Complete the transaction
cancelReferral=Cancel
cancelReferralAlt=Cancel the transaction
cancelReferralTitle=Cancel the transaction
redirectingToOpal=Processing transaction...please wait
sendingMethodData=Processing transaction...please wait
redirectingToACS=Contacting your card issuer...please wait
manAuthDialogTitle=Manual Authorisation
returnText=Returning to merchant site...
progressHeader=
progressText=Processing...
processingTransaction=Processing your transaction...please wait
selectPaymentMethod=Select
selectPaymentMethodAlt=Select (Alt[+Shift]+S)
selectPaymentMethodTitle=Select (Alt[+Shift]+S)
payPageTitle=Complete your order - Barclaycard Checkout
payPageHeading=Details of your order
indexTitle=Barclaycard - PayPage
manualAuthTitle=Manual Authorisation Required
manualAuthRequired=Manual Authorisation Required
noJavaScript=Please click 'Continue' to process your order
noJavaScriptContinueMessage=We have detected Javascript is disabled in your browser. Please click
the button below to return to the Merchant site
noJavaScriptContinueButton=Continue
noJavaScriptFooterMessage=You are seeing this additional page as we have detected that you have
Javascript disabled, this will not affect the completion of your order
```



```
tooltipCardType=Select the type of your card
tooltipCardholderName=Enter your name as it appears on your card
tooltipCardNumber=The long number on your card
tooltipExpiryDateMonth=The month of your expiry date
tooltipExpiryDateYear=The year of your expiry date
tooltipExpiryDynamicDate=The month and year of your expiry date
tooltipStartDateMonth=The month of your start date
tooltipStartDateYear=The year of your start date
tooltipStartDynamicDate=The month and year of your start date
tooltipIssue=Required for some cards
tooltipCsc=The Card Security Code is either the last three digits on the signature strip, or the
four digit code found above the card number on the front
tooltipOptionalCsc=The Card Security Code is either the last three digits on the signature strip,
or the four digit code found above the card number on the front if this security feature is
available on the card
validation.cardholderNameRequired=Please enter your cardholder name
validation.cardholderNameTooLong=Cardholder name too long, max length\ : 45
validation.cardholderNameCharacters=Cardholder name may only contain alphanumeric characters,
apostrophes, hyphens, and full stops
validation.panEmpty=Please enter your card number
validation.panValid=Please enter a valid card number
validation.panNotNumeric=Card numbers may only contain numeric digits
validation.panTooLong=Card number too long, max length\ : 19
validation.panTooShort=Card number too short, min length\ : 13
validation.startNotNumeric=Start date must only be numeric digits
validation.startMonthNotNumeric=Start month must only be numeric digits
validation.startYearNotNumeric=Start year must only be numeric digits
validation.expiryNotNumeric=Expiry date must only be numeric digits
validation.expiryMonthNotNumeric=Expiry month must only be numeric digits
validation.expiryYearNotNumeric=Expiry year must only be numeric digits
validation.startInvalidLength=Start date length is invalid
validation.startYearInvalidLength=Start year length is invalid
validation.startInvalidDate=Start date is invalid
validation.startInvalidMonth=Start month is invalid
validation.startInvalidYear=Start year is invalid
validation.expiryInvalidLength=Expiry date length is invalid
validation.expiryYearInvalidLength=Expiry year length is invalid
validation.expiryInvalidDate=Expiry date is invalid
validation.expiryInvalidMonth=Expiry month is invalid
validation.expiryInvalidYear=Expiry year is invalid
validation.issueNotNumeric=Issue must only contain numeric characters
validation.issueTooLong=Issue number too long, max length\ : 2
validation.invalidIssue=Issue should be numeric and not beyond 2 digits
validation.cscNotNumeric=Card Security Code must only contain numeric characters
validation.cscTooShort=Card Security Code too short, minimum length\ : 3
validation.cscTooLong=Card Security Code too long, max length\ : 4
validation.cscInvalid=Please enter a valid card security code
validation.addressNotNumeric=Address must contain numeric characters
validation.postCodeNotNumeric=Post code must contain numeric characters
validation.expiryYearMonth=Expiry year and expiry month must both be entered
validation.expiryDateMandatory=You must enter an expiry date
validation.startDateMandatory=You must enter a start date
validation.startYearMonth=Start year and start month must both be entered
validation.invalidAuthCode=Please enter a valid auth code
validation.defaultValidationError=There is a problem with your payment details
validation.invalidCardType=Invalid card type for card number entered
validation.invalidCardTypeSelected=Please select a valid card type
validation.disabledCardType=We are unable to process cards of this type
validation.notDetectedCardType=We are unable to process cards of this type
errorIcon=../images/msg_error.gif
errorIcon_DESKTOP=../images/msg_error.gif
errorIcon_MOBILEPHONE=../images/msg_error.gif
errorIcon_TABLET=../images/msg_error.gif
errorIconText=Error:
```

```
errorIconAltText=Error:
infoIcon=./images/info.png
infoIcon_DESKTOP=./images/info.png
infoIcon_MOBILEPHONE=./images/info.png
infoIcon_TABLET=./images/info.png
infoIconText=Information
closeIcon=./images/closeIcon.png
closeIcon_DESKTOP=./images/closeIcon.png
closeIcon_MOBILEPHONE=./images/closeIcon.png
closeIcon_TABLET=./images/closeIcon.png
closeIconText=Close
validation.solve.2=The expiry date is too far into the future
validation.solve.02=The expiry date is too far into the future
validation.solve.3=The start date is in the future
validation.solve.03=The start date is in the future
validation.solve.4=The start date you entered was not valid
validation.solve.04=The start date you entered was not valid
validation.solve.5=The expiry date precedes the card's start date
validation.solve.13=The card number you entered was invalid
validation.solve.16=The card number you entered was not correct
validation.solve.17=The card has expired
validation.solve.55=The card number you entered is too long
validation.solve.56=The issue number you entered is incorrect
validation.solve.90=The card number you entered was invalid
validation.solve.91=You entered an invalid date
validation.solve.93=You entered an invalid issue number
validation.solve.94=Invalid issue number
validation.solve.aj=The Card Security Code contained non-numeric characters
validation.solve.as=You entered a Card Security Code when one was not required
validation.solve.at=A Card Security Code was not supplied
validation.solve.aw=The Card Security Code you entered was not the correct length
validation.solve.ba=You entered invalid characters in the card number
validation.solve.a8=The card may only be swiped or be presented in a Chip-and-Pin transaction
validation.solve.SC.17=Card Expiry date invalid
validation.solve.SC.CARD-10=Card not recognised
validation.solve.SC.16=Invalid card number
validation.solve.WPAY-6=Invalid transaction state
validation.solve.WPAY-8=Invalid card number
validation.solve.WPAY-9=Unable to validate card details
validation.solve.WPAY-11=A required field is missing
validation.solve.WPAY-66=VISA Checkout is currently unavailable. Please use a different payment
method
validation.solve.EMIS-AG-3=Error processing payment. Payment not successful
Controller.Info.MaxAttempts=Maximum attempts reached for card
Controller.Info.ValidationUnsuccessful=Validation Not Successful
PayerAuth.Error.CouldNotAuthenticate=Could not connect to payer authentication service, please try
later
PayerAuth.Error.DigestsDidNotMatch=Digests did not match, setting status to Payer Authentication
Failed
PayerAuth.Error.AuthenticationFailed=Payer Authentication failed
Auth.Error.CouldNotAuthorise=Could not connect to payment service, please try later
Response.Message.PayerAuthSuccess=Payer Authentication was successful
Response.Message.PayerAuthAttempted=Payer Authentication was attempted but did not succeed
Response.Message.PayerAuthNotEnrolled=Payer Authentication was attempted but the card is not
enrolled
Response.Message.PayerAuthFailed=Payer Authentication failed
Response.Message.UserCancelledNoJS=User Cancelled Transaction
Response.Message.AuthFailedInternalError=Authorisation failed, internal error
Response.Message.CardValidated=Card Validated
Response.Message.TokenNotAllowed=Token not allowed
Response.Message.TokenRequired=Token required
Response.Message.ProblemProcessingToken=Error with token
Response.Message.NoSemafoneSessions=Currently unable to accept card details keyed into the phone
dccPageTitle=PayPage - Currency Choice
```

```
dccHeaderText=
dccSubHeaderText=Dynamic Currency Conversion (DCC) Screen
dccTotal=Total
dccMarginText=1 %s = %s %s | Margin %s
poundSymbol=£
nonAscii=Â
dccCardHolderCurrencyText=Pay
dccMarginRateText=%s standard international margin
dccCardHolderCurrencyDetails=Exchange rate of %s is based on %s as of %s. Cardholder choice is
final. The DCC service is provided by %s in association with %s
dccMasterCardAdditionalDetails=I have chosen not to use the Mastercard currency conversion process
and agree that I will have no recourse against Mastercard concerning the currency conversion or
its disclosure
dccMerchantCurrency=Pay
dccMerchantCurrencyDetails=Any fees and exchange rates are determined by your card issuer
dccInformationalMessage=You may pay for this transaction in your home currency
dccCardHolderDisclosure=Make sure you understand the costs of currency conversion as they may be
different depending on whether you select your home currency or the transaction currency
dccFooterText=
dccError=Choose a currency
dccSelectionError=Please Select an option below
dccInitialRecurringWarning=Please note: This is a recurring payment and all future payments will
be made in the currency you've selected
dccInitialInstalmentWarning=Please note: This is an instalment payment and all future payments
will be made in the currency you've selected
dccReceiptInitialRecurringInstalmentWarning=Please note: This transaction and all future payments
will be made in %s
pleaseSelectLabel=(Please select)
expiryMonthLabel=Month
expiryYearLabel=Year
startMonthLabel=Month
startYearLabel=Year
expiryMonthLongLabel=Expiry Month
expiryYearLongLabel=Expiry Year
startMonthLongLabel=Start Month
startYearLongLabel=Start Year
spinner=./images/ajax-loader-grey.gif
spinnerAlt=Progress spinner animation
helpCardType=The type of your card
helpCardholderName=Your name as it appears on your card
helpCardNumber=The long number on your card
helpExpiryDate=The month and year of your expiry date
helpStartDate=The month and year of your start date
helpIssue=Required for some cards
helpCsc=The Card Security Code is either the last three digits on the signature strip, or the four
digit code found above the card number on the front
cscImageAlt=Printed on the signature strip on the back or on the front of the card
masked=**** *
edccReceiptDisclaimer=I have been offered a choice of currencies and agree to pay in %s. My choice
is final.Dynamic Currency Conversion is offered by the merchant
edccReceiptRetainNote=Retain this copy for statement verification
edccReceiptIssueText=Issues with this transaction?
edccReceiptHelp=help text %s
edccAccountNumberText=Account Number

cscImageUrl=./images/cscLocation.png
cscImageUrl_DESKTOP=./images/cscLocation.png
cscImageUrl_MOBILEPHONE=./images/cscLocation.png
cscImageUrl_TABLET=./images/cscLocation.png
CARD=Pay by credit or debit card
PAY_PAL=Pay using your PayPal account
KLARNA=Pay using your Klarna account
ALIPAY=Pay using your Alipay account
V_ME=Pay using your V.Me eWallet
MASTER_PASS=Pay using your MasterPass eWallet
```

```
IDEAL=Pay using your iDeal account
GIRO_PAY=Pay using your GiroPay account
SOFORT=Pay using your SoFort account
SOFORT_AT=Pay using your SoFort AT account
SOFORT_IT=Pay using your SoFort IT account
EDANKORT=Pay using your eDankort account
DANKORT=Pay using your Dankort account
MISTER_CASH=Pay using your Mister Cash account
PBBA=Pay using Pay By Bank App
GOOGLE_PAY=Pay using Google Pay
labelCARD=Credit or debit card
labelPAY_PAL=PayPal
labelKLARNA=Klarna
labelALIPAY=Alipay
labelV_ME=V.Me
labelMASTER_PASS=MasterPass
labelIDEAL=iDeal
labelGIRO_PAY=GiroPay
labelSOFORT=SoFort
labelSOFORT_AT=SoFortAT
labelSOFORT_IT=SoFortIT
labelEDANKORT=eDankort
labelDANKORT=Dankort
labelMISTER_CASH=Mister Cash
labelPBBA=Pay By Bank App
imageUrlCARD=../images/logo_ccards.gif
imageUrlGOOGLE_PAY=../images/logo_googlepay.svg
imageUrlKLARNA=../images/logo_klarna.svg
imageUrlPAY_PAL=../images/logo_paypal.png
imageUrlALIPAY=../images/logo_alipay.jpg
imageUrlV_ME=../images/markVme.png
imageUrlIDEAL=../images/logo_ideal.png
imageUrlGIRO_PAY=../images/logo_giropay.png
imageUrlSOFORT=../images/logo_sofort_de.png
imageUrlSOFORT_AT=../images/logo_sofort_at.png
imageUrlSOFORT_IT=../images/logo_sofort_it.png
imageUrlEDANKORT=../images/logo_edankort.png
imageUrlDANKORT=../images/logo_dankort.png
imageUrlMISTER_CASH=../images/logo_mistercash.png
imageUrlCARD_DESKTOP=../images/logo_ccards.gif
imageUrlPBBA=../images/logo_pbba.png
imageUrlGOOGLE_PAY_DESKTOP=../images/logo_googlepay.svg
imageUrlKLARNA_DESKTOP=../images/logo_klarna.svg
imageUrlPAY_PAL_DESKTOP=../images/logo_paypal.png
imageUrlPAYPAL_ACCEPTANCE=../images/markPayPal.png
imageUrlALIPAY_DESKTOP=../images/logo_alipay.jpg
imageUrlIDEAL_DESKTOP=../images/logo_ideal.png
imageUrlGIRO_PAY_DESKTOP=../images/logo_giropay.png
imageUrlSOFORT_DESKTOP=../images/logo_sofort_de.png
imageUrlSOFORT_AT_DESKTOP=../images/logo_sofort_at.png
imageUrlSOFORT_IT_DESKTOP=../images/logo_sofort_it.png
imageUrlEDANKORT_DESKTOP=../images/logo_edankort.png
imageUrlDANKORT_DESKTOP=../images/logo_dankort.png
imageUrlMISTER_CASH_DESKTOP=../images/logo_mistercash.png
imageUrlCARD_MOBILEPHONE=../images/logo_ccards.gif
imageUrlPBBA_DESKTOP=../images/logo_pbba.png
imageUrlGOOGLE_PAY_MOBILEPHONE=../images/logo_googlepay.svg
imageUrlKLARNA_MOBILEPHONE=../images/logo_klarna.svg
imageUrlPAY_PAL_MOBILEPHONE=../images/logo_paypal.png
imageUrlALIPAY_MOBILEPHONE=../images/logo_alipay.jpg
imageUrlIDEAL_MOBILEPHONE=../images/logo_ideal.png
imageUrlGIRO_PAY_MOBILEPHONE=../images/logo_giropay.png
imageUrlSOFORT_MOBILEPHONE=../images/logo_sofort_de.png
imageUrlSOFORT_AT_MOBILEPHONE=../images/logo_sofort_at.png
```

```
imageUrlSOFORT_IT_MOBILEPHONE=../images/logo_sofort_it.png
imageUrlEDANKORT_MOBILEPHONE=../images/logo_edankort.png
imageUrlDANKORT_MOBILEPHONE=../images/logo_dankort.png
imageUrlMISTER_CASH_MOBILEPHONE=../images/logo_mistercash.png
imageUrlPBBA_MOBILEPHONE=../images/logo_pbba.png
imageUrlCARD_TABLET=../images/logo_ccards278x43.png
imageUrlGOOGLE_PAY_TABLET=../images/logo_googlepay.svg
imageUrlKLARNA_TABLET=../images/logo_klarndesktop.png
imageUrlPAY_PAL_TABLET=../images/logo_paypal.png
imageUrlALIPAY_TABLET=../images/logo_alipay.jpg
imageUrlIDEAL_TABLET=../images/logo_ideal.png
imageUrlGIRO_PAY_TABLET=../images/logo_giropay.png
imageUrlSOFORT_TABLET=../images/logo_sofort_de.png
imageUrlSOFORT_AT_TABLET=../images/logo_sofort_at.png
imageUrlSOFORT_IT_TABLET=../images/logo_sofort_it.png
imageUrlEDANKORT_TABLET=../images/logo_edankort.png
imageUrlDANKORT_TABLET=../images/logo_dankort.png
imageUrlMISTER_CASH_TABLET=../images/logo_mistercash.png
imageUrlMASTER_PASS=../images/logo_masterpass.png
imageUrlPBBA_TABLET=../images/logo_pbba.png
imageUrlMASTER_PASS_DESKTOP=../images/logo_masterpass.png
imageUrlMASTER_PASS_MOBILEPHONE=../images/logo_masterpass.png
imageUrlMASTER_PASS_TABLET=../images/logo_masterpass.png
imageUrlMASTER_PASS_MARK=../images/logo_masterpass2.png
imageUrlVISA_CHECKOUT=../images/acc_99x34_wht01.png
imageUrlVISA_CHECKOUT_DISABLED=../images/POS_horizontal_99x34_dis01.png

paymentMethodMarkImageLocation.MASTER_PASS=../images/logo_masterpass2.png
paymentMethodError=Please choose a payment method
AlternativePaymentNoJavascript=Payment method is not available due to your browser settings
basketQuantity=Quantity
basketItem=Item
basketPrice=Price
basketSubTotal=Total
basketTotal=Amount
logo=../images/barclaycard.png
logo_DESKTOP=../images/barclaycard.png
logo_MOBILEPHONE=../images/barclaycard.png
logo_TABLET=../images/barclaycard.png
logoText=barclaycard
helpIcon=../images/helpIcon.gif
cardTypeEndingIn=ending in
cardTypeExpires=Expires
cardTypeExpiryDateFormat=MMM yyyy
cardTypeMissing=No Card
cardTypeVLabel=Visa
cardTypeVAlt=Visa Card
cardTypeVImageUrl=../images/cards/visa-logo
cardTypeXLabel=Visa Debit
cardTypeXAlt=Visa Debit Card
cardTypeXImageUrl=../images/cards/visa-logo
cardTypeELabel=Visa Electron
cardTypeEAlt=Visa Electron Card
cardTypeEImageUrl=../images/cards/visa-logo
cardTypePLabel=Visa Corporate/Purchasing
cardTypePAlt=Visa Corporate/Purchasing Card
cardTypePImageUrl=../images/cards/visa-logo
cardTypeRLabel=Mastercard Commercial Debit/PrePaid/Debit
cardTypeRAlt=Mastercard Commercial Debit/PrePaid/Debit Card
cardTypeRImageUrl=../images/cards/mastercard-logo
cardTypeQLabel=Mastercard Purchasing/Commercial/Fleet/Park
cardTypeQAlt=Mastercard Purchasing/Commercial/Fleet/Park Card
cardTypeQImageUrl=../images/cards/mastercard-logo
cardTypeMLabel=Mastercard
```

```
cardTypeMAlt=Mastercard
cardTypeMImageUrl=../images/cards/mastercard-logo
cardTypeSLabel=Maestro
cardTypeSAlt=Maestro Card
cardTypeSImageUrl=../images/cards/maestro
cardTypeOLabel=Maestro
cardTypeOAlt=Maestro Card
cardTypeOImageUrl=../images/cards/maestro
cardTypeALabel=Amex
cardTypeAAlt=American Express Card
cardTypeAImageUrl=../images/cards/amex-logo
cardTypeBLabel=Amex Purchasing
cardTypeBAlt=American Express Purchasing Card
cardTypeBImageUrl=../images/cards/amex-logo
cardTypeULabel=UnionPay
cardTypeUAlt=UnionPay Card
cardTypeUImageUrl=../images/cards/upi-card
cardTypeUCLabel=UPI Credit
cardTypeUCAlt=UPI Credit Card
cardTypeUCImageUrl=../images/cards/upi-card
cardTypeUDLabel=UPI Debit
cardTypeUDAlt=UPI Debit Card
cardTypeUDImageUrl=../images/cards/upi-card
cardTypeUPLabel=UPI PrePaid
cardTypeUPAlt=UPI PrePaid Card
cardTypeUPIImageUrl=../images/cards/upi-card
cardTypeWLLabel=Business Account
cardTypeWLAAlt=Business Account Card
cardTypeWLIImageUrl=../images/cards/worldLine-logo
cardTypeILabel=Discover
cardTypeIAlt=Discover Card
cardTypeIImageUrl=../images/cards/discover-logo
cardTypeJLabel=JCB
cardTypeJAlt=JCB Card
cardTypeJImageUrl=../images/cards/jcb-logo
cardTypeDLabel=Diners
cardTypeDAlt=Diners Card
cardTypeDImageUrl=../images/cards/dci-logo
cardTypeUnknownLabel=Card
cardTypeUnknownAlt=Card
cardTypeUnknownImageUrl=../images/cards/unknown-card-curved
newCardLink=Change
newCardLinkTitle=Click to use a different card
verifiedByVisaAltText=VERIFIED By VISA
secureByVisaAltText=SECURE By VISA
secureByVisaImgUrl=../images/markVisa
mastercardIdCheckAltText=Mastercard ID Check
mastercardIdCheckImgUrl=../images/markMastercard
mastercardSecureCodeAltText=Mastercard SecureCode
amexSafeKeyAltText=AMERICAN EXPRESS SafeKey
amexSafeKeyImgUrl=../images/markAmex
googlePayAltText=Google Pay
googlePayImgUrl=../images/markGooglePay.svg
upiAltText=UnionPay International
upiImgUrl=../images/markUpi
jcbJsecureAltText=JCB J/Secure
jcbJsecureImgUrl=../images/markJCB
masterpassAltText=Masterpass
visaCheckoutAltText=Visa Checkout
visaCheckoutUnavailableMsg=VISA Checkout is currently unavailable. Please use a different payment method
paypalAltText=PayPal
payerAuthIframeTitle=Authenticate your card transaction
browserInfoTitle=Processing your order
```

```
acsPostTitle=Contacting card issuer - Barclaycard Checkout
acsHeading=Contacting card issuer
cscTitle=Card Security Code - Barclaycard Checkout
cscHeading=Card Security Code
dccHeading=Choose a payment option
dccMerchantText=The exchange rate is provided by %s as of %s. The DCC service is provided by the
merchant
facesReturnTitle=Return to shop - Barclaycard Checkout
facesReturnHeading=Return to Merchant site
indexHeading=PayPage
opalPostTitle=PayPage - Barclaycard
opalPostHeading=PayPage
sermepaPostTitle=PayPage - Barclaycard
sermepaPostHeading=PayPage
webRedirectTitle=PayPage - Barclaycard
webRedirectHeading=PayPage
progressIgnore=Please ignore the following elements whilst completing the form
submitOrderButtonHelp=Buttons will be disabled if the What's this? link clicked. Click on the
Close link to make the buttons active
basketSummary=List of items to be purchased including the price, quantity and sub-totals
indicateRequiredFieldsMessage1=Mandatory fields are marked with an asterisk (
requiredIndicator=*
optionalIndicator=If applicable
indicateRequiredFieldsMessage2=)
cardTypeNotFoundInlineMsg=Card type not accepted
cardTypeNotFoundTopMsg=Card type not accepted
cardTypeErrorInlineMsg=Card type not accepted
cardTypeErrorTopMsg=An error has occurred with your card type. Please try again
verifyErrorTopMsg=Please click %1$s then click %2$s
#ISO3166 Country Names
AFG=Afghanistan
ALA=\u00c5land Islands
ALB=Albania
DZA=Algeria
ASM=American Samoa
AND=Andorra
AGO=Angola
AIA=Anguilla
ATA=Antarctica
ATG=Antigua and Barbuda
ARG=Argentina
ARM=Armenia
ABW=Aruba
AUS=Australia
AUT=Austria
AZE=Azerbaijan
BHS=Bahamas
BHR=Bahrain
BGD=Bangladesh
BRB=Barbados
BLR=Belarus
BEL=Belgium
BLZ=Belize
BEN=Benin
BMU=Bermuda
BTN=Bhutan
BOL=Bolivia, Plurinational State of
BES=Bonaire, Saint Eustatius and Saba
BIH=Bosnia and Herzegovina
BWA=Botswana
BRA=Brazil
IOT=British Indian Ocean Territory
BRN=Brunei Darussalam
BGR=Bulgaria
```

BFA=Burkina Faso
BDI=Burundi
KHM=Cambodia
CMR=Cameroon
CAN=Canada
CPV=Cape Verde
CYM=Cayman Islands
CAF=Central African Republic
TCD=Chad
CHL=Chile
CHN=China
CXR=Christmas Island
CCK=Cocos (Keeling) Islands
COL=Colombia
COM=Comoros
COG=Congo
COK=Cook Islands
COD=Congo, The Democratic Republic of the
CRI=Costa Rica
CIV=C\00f4te d'Ivoire
HRV=Croatia
CUB=Cuba
CUW=Cura\00e7ao
CYP=Cyprus
CZE=Czech Republic
DNK=Denmark
DJI=Djibouti
DMA=Dominica
DOM=Dominican Republic
ECU=Ecuador
EGY=Egypt
SLV=El Salvador
GNQ=Equatorial Guinea
ERI=Eritrea
EST=Estonia
ETH=Ethiopia
FLK=Falkland Islands (Malvinas)
FRO=Faroe Islands
FJI=Fiji
FIN=Finland
FRA=France
GUF=French Guiana
PYF=French Polynesia
ATF=French Southern Territories
GAB=Gabon
GMB=Gambia
GEO=Georgia
DEU=Germany
GHA=Ghana
GIB=Gibraltar
GRC=Greece
GRL=Greenland
GRD=Grenada
GLP=Guadeloupe
GUM=Guam
GTM=Guatemala
GGY=Guernsey
GIN=Guinea
GNB=Guinea-Bissau
GUY=Guyana
HTI=Haiti
VAT=Holy See (Vatican City State)
HND=Honduras
HKG=Hong Kong

HUN=Hungary
ISL=Iceland
IND=India
IDN=Indonesia
IRN=Iran, Islamic Republic of
IRQ=Iraq
IRL=Ireland
IMN=Isle of Man
ISR=Israel
ITA=Italy
JAM=Jamaica
JPN=Japan
JEY=Jersey
JOR=Jordan
KAZ=Kazakhstan
KEN=Kenya
KIR=Kiribati
PRK=Korea, Democratic People's Republic of
KOR=Korea, Republic of
KWT=Kuwait
KGZ=Kyrgyzstan
LAO=Lao People's Democratic Republic
LVA=Latvia
LBN=Lebanon
LSO=Lesotho
LBR=Liberia
LBY=Libya
LIE=Liechtenstein
LTU=Lithuania
LUX=Luxembourg
MAC=Macao
MKD=Macedonia, The former Yugoslav Republic of
MDG=Madagascar
MWI=Malawi
MYS=Malaysia
MDV=Maldives
MLI=Mali
MLT=Malta
MHL=Marshall Islands
MTQ=Martinique
MRT=Mauritania
MUS=Mauritius
MYT=Mayotte
MEX=Mexico
FSM=Micronesia, Federated States of
MDA=Moldova, Republic of
MCO=Monaco
MNG=Mongolia
MNE=Montenegro
MSR=Montserrat
MAR=Morocco
MOZ=Mozambique
MMR=Myanmar
NAM=Namibia
NRU=Nauru
NPL=Nepal
NLD=Netherlands
NCL=New Caledonia
NZL=New Zealand
NIC=Nicaragua
NER=Niger
NGA=Nigeria
NIU=Niue
NFK=Norfolk Island

MNP=Northern Mariana Islands
NOR=Norway
OMN=Oman
PAK=Pakistan
PLW=Palau
PSE=Palestinian Territory, Occupied
PAN=Panama
PNG=Papua New Guinea
PRY=Paraguay
PER=Peru
PHL=Philippines
PCN=Pitcairn
POL=Poland
PRT=Portugal
PRI=Puerto Rico
QAT=Qatar
REU=R\u00e9union
ROU=Romania
RUS=Russian Federation
RWA=Rwanda
BLM=Saint Barth\u00e9lemy
SHN=Saint Helena, Ascension and Tristan da Cunha
KNA=Saint Kitts and Nevis
LCA=Saint Lucia
MAF=Saint Martin (French part)
SPM=Saint Pierre and Miquelon
VCT=Saint Vincent and the Grenadines
WSM=Samoa
SMR=San Marino
STP=Sao Tome and Principe
SAU=Saudi Arabia
SEN=Senegal
SRB=Serbia
SYC=Seychelles
SLE=Sierra Leone
SGP=Singapore
SXM=Sint Maarten (Dutch part)
SVK=Slovakia
SVN=Slovenia
SLB=Solomon Islands
SOM=Somalia
ZAF=South Africa
SGS=South Georgia and the South Sandwich Islands
SSD=South Sudan
ESP=Spain
LKA=Sri Lanka
SDN=Sudan
SUR=Suriname
SJM=Svalbard and Jan Mayen
SWZ=Swaziland
SWE=Sweden
CHE=Switzerland
SYR=Syrian Arab Republic
TWN=Taiwan, Province of China
TJK=Tajikistan
TZA=Tanzania, United Republic of
THA=Thailand
TLS=Timor-Leste
TGO=Togo
TKL=Tokelau
TON=Tonga
TTO=Trinidad and Tobago
TUN=Tunisia
TUR=Turkey

TKM=Turkmenistan
TCA=Turks and Caicos Islands
TUV=Tuvalu
UGA=Uganda
UKR=Ukraine
ARE=United Arab Emirates
GBR=United Kingdom
USA=United States
VGB=Virgin Islands, British
VIR=Virgin Islands, U.S.
URY=Uruguay
UZB=Uzbekistan
VUT=Vanuatu
VEN=Venezuela, Bolivarian Republic of
VNM=Viet Nam
WLF=Wallis and Futuna
ESH=Western Sahara
YEM=Yemen
ZMB=Zambia
ZWE=Zimbabwe
#Month abbreviations
JANUARY=Jan
FEBRUARY=Feb
MARCH=Mar
APRIL=Apr
MAY=May
JUNE=Jun
JULY=Jul
AUGUST=Aug
SEPTEMBER=Sep
OCTOBER=Oct
NOVEMBER=Nov
DECEMBER=Dec
Semafone.Error.CouldNotRetrieveCardDetails=Could not retrieve card details. Payment not successful
learnMore=Learn More
UrlVBV=https://www.visaeurope.com/making-payments/verified-by-visa
UrlSBV=https://www.visa.co.uk/about-visa/visa-in-europe.html
UrlMCIDC=https://www.mastercard.co.uk/en-gb/issuers/safety-security/identity-check.html
UrlMCSC=https://www.mastercard.co.uk/en-gb/frequently-asked-questions.html#securecode
UrlAMEX=https://www.americanexpress.com/uk/content/benefits/safekey/faqs.html?linknav=uk-securitycentre-safekey-faq
UrlGooglePay=https://pay.google.com
UrlUPI=
UrlJCB=
UrlPAY_PAL=https://www.paypal.com/uk/cgi-bin/webscr?cmd=xpt/cps/popup/OLCWhatIsPayPal-outside
UrlMASTER_PASS=https://www.mastercard.com/mc_us/wallet/learnmore/en/GB
tellMeMore=Tell me more
continue=Continue
redirectingToACSNoJS=We're authenticating your transaction. Please click the Continue button to proceed
redirectingToACSHeading=Contacting your card issuer
noJavaScriptReturnButton=Return to Merchant site
noJavaScriptReturnToMerchantMessage=We have detected Javascript is disabled in your browser. Please follow the instructions above. Clicking the button below before your payment is completed may result in a cancelled transaction
noJavaScriptNotificationHeading=Your transaction is almost complete
noJavaScriptClickReturnToMerchant=Please click the Return to Merchant site button below to continue
noJavaScriptReturnText=To return to the Merchant site, please click the Continue button below
paymentDetailsFooterSummary=Payment Summary
surchargeHeader=Please note, some credit cards attract a surcharge which can vary according to the type of credit card used. Debit cards do not attract a surcharge
surchargeHeaderIconAlt=Accepted card types
acceptedCardTypeText=Accepted Card Types and surcharges:
updateTotal=Update Total

```

updateTotalErrorTopMsg=Please click %1$s then click %2$s
updateTotalEmptyTopMsg=Please select a card type and click %1$s again
cardTypeDetectedHelp=The Card Type as detected from Card Number
# EDCC Receipt fields
edccReceiptHeading=EDCC Receipt
transactionDate=Transaction Date/Time: %1$s
authorisationCodeText=Authorisation Code:
authorisationCode=%1$s
transactionAmountText=Transaction Amount:
transactionAmount=%1$s %2$s
originalAmount=Original amount: %1$s %2$s
exchangeRate=Exchange Rate: %1$s
margin=Margin: %1$s
dccSource=DCC Source: %1$s
merchantCountry=Merchant Country: %1$s
edccReceiptReturnButton=Return to merchant
merchantNameHeading=Merchant
transactionTypeCard=Card
transactionTypeHeading=Transaction Type
dateFormat=dd/MM/yyyy
dccErrorFromCurrency=From currency value not found
dccErrorToCurrency=To currency value not found
dccErrorMarginRate=Margin rate values not found
dccErrorExchangeRate=Exchange Rate not found
dccDetailsNotFound=DCC details not found
expiryMonthPlaceholder=
expiryYearPlaceholder=
errorMsgIcon=../images/dcc_error.png
startAndExpiryMonthMMFormatPlaceholder=mm
startAndExpiryMonthMMMFormatPlaceholder=mmm
startAndExpiryYearYYFormatPlaceholder=yy
startAndExpiryYearYYYYFormatPlaceholder=yyyy
startAndExpiryYearYYYYFormatPlaceholderConcatenate=or
btnStatusEnabledText=button is enabled
btnStatusDisabledText=button is disabled, please enter valid details
whatIsCSCInlineAdditionalInformation=opens inline
whatIsCSCPopupAdditionalInformation=opens as pop-up
accessKeyAnnouncement=Click Complete purchase to complete your purchase, or Cancel to go back
errorAlert=Error:
errorMessageCountText=There are {0} error(s) on the page
errorSummaryText=Error:
vbvAcceptanceMark=Payments Secure with Visa
mcAcceptanceMark=Safe Shopping with Mastercard ID Check
amexAcceptanceMark=American Express SafeKey Payments Accepted
upiAcceptanceMark=UnionPay International
jcbAcceptanceMark=J/Secure Payments Accepted
googlepayAcceptanceMark=Google Pay Payments Accepted
paypalAcceptanceMark=PayPal - Learn More
masterpassAcceptanceMark=Masterpass -

```

5.1.2 Property File Notes

Text label	Description
headerText	Text to appear in header above Card Entry Panel (HTML only rendered when this is not empty)
cardPanelText	Text to appear after payment details legend but before any card related fields (HTML only rendered when this is not empty)
footerText	Text to appear after the buttons (HTML only rendered when this is not empty)
progressHeader	Header text displayed on progress dialog box

Text label	Description
cardType%Label	<p>The value of cardType%Label needs to match the CardOptions attribute "type" defined in the store configuration file; where % is the Card ID as defined in Barclaycard Smartpay.</p> <p>E.g. cardTypeBLabel=Amex Purchasing</p>
cardType%ImageUrl	<p>The URL for the icon that appears to the right of the card number on the Payment Page; where % is the Card ID as defined in Barclaycard Smartpay.</p> <p>E.g. cardTypeBImageUrl=../images/cards/American-express-curved-32px.png</p>
cardType%Alt	<p>The alternative text description shown when the card image cannot be displayed; where % is the Card ID as defined in Barclaycard Smartpay.</p> <p>E.g. cardTypeBAlt=American Express Purchasing Card</p>

5.2 Internationalisation Language Support

The Payment Page and its error pages can support different languages on a per-store basis by specifying the locale in the store configuration file. Please discuss your requirements with your consultant, who can assist you in configuring the key-value pairs described in the table above to their respective localised values.

Chapter 6 CSS Classes and IDs

There are a number of CSS classes and IDs that you can customise in the style sheets, which enable you to format HTML tags in different ways.

Classes apply to multiple elements of a page, and when used in a CSS file they consist of the class name preceded by a dot (.), followed by HTML tags in {} brackets as shown below:

```
.classname {html tag}
```

IDs apply to only one element on each page. They consist of the ID name preceded by a hash (#) and are followed by html tags in {} brackets as shown below:

```
#IDname {html tag}
```

All the following Classes and IDs are specified in `paypage.jsp` (which can be found in `PayPageST-n.nn.nnn.war\pages\`).

6.1 Classes

Class Name	Description
acceptanceMark	Accepted scheme marker
acceptanceMarkImg	Accepted scheme marker image file
acceptanceMarkLink	Accepted scheme marker link
acceptedCardLogoImg	Accepted card logo image
basketFooter	Payment basket footer
basketItemFooter	Item within payment basket footer
basketItemHeader	Item within payment basket header
basketItemImage	Image of item within payment basket header
basketItemPriceFooter	Price of item within payment basket footer
basketItemWithImage	Item with image within payment basket header
basketPriceHeader	Payment basket item price header
basketQtyHeader	Payment basket item quantity header
basketSubTotalHeader	Payment basket sub-total header
bodyText billingAddress	Body text used in billing address text (name, address line1, city, etc.)
bodyText footnote	Body text used in footnotes
bodyText formInput	Body text used in form input
bodyText formText	Body text used in form text
bodyText shippingAddress	Body text used in shipping address text (name, address line1, city, etc.)
bodyText visaCheckoutCardTypeValue	<i>No longer used (Visa Checkout)</i>
bodyText	Regular body text
cancelButton btn secondary	Cancel transaction button
cardArt image	Card art image file
cardArt spacer	Card art spacer
cardType	Card type
cardTypeImage	Card type image
centered	Centres elements

Class Name	Description
chargeFooter	Payment basket charges footer
clear	A clear DIV
closeDialogIcon	Hyperlink icon to close the pop-up dialog box
dateDropDownLabel	Label of date selection dropdown box
description	SPAN element containing text within the label element. For web accessibility this allows an audio description of the field assuming the styling is done in an appropriate manner
dialogTitle	Title text of pop-up
errorCount	Number of error messages in message panel
errorText	Error message text
forceButton btn primary	Force card number or CSC button
formInput csc	CSC input form field
formInput	Payment Page input form field
formLabel	Payment Page form label
formSection required	Required form section
formSection surcharge	Surcharge form section
formSection topRow	Top row of form section
formSection visaCheckoutSurchargeWarning	<i>No longer used (Visa Checkout)</i>
formSection	DIV containing all elements related to the input in paypage.jsp
hidden	Hides an element (e.g. text not displayed is available to screen readers)
infoText	Information message text
inlineText	Text displayed inline
inlineValid	Text for inline validation error
labelHelpImg	IMG element help icons on paypage.jsp
labelHelpImgDynamic	Dynamic date field label help image
legend	Defines an element's caption
link	Defines a hyperlink
link visaCheckoutChangeCard	<i>No longer used (Visa Checkout)</i>
linkText	Hyperlink text
logo	DIV surrounding logo IMG
logoImg	IMG element on paypage.jsp for logo image
newCardButton btn-link	Link for new card button
paymentMethodVISA_CHECKOUT_DISABLED	<i>No longer used (Visa Checkout)</i>
paynowButtonStatus btn primary submit-PayNow	Default submit payment details button status
required	Indicator for mandatory form fields
requiredMessage	Message explaining how required fields are marked
requiredMessagePanel	Panel containing required fields message
resetButton btn secondary	Reset field button
secureModeText	<i>No longer used (Semafone)</i>
semafoneSecureMode	<i>No longer used (Semafone)</i>

Class Name	Description
subFormLabel	Style for expiry date fields (month and year)
subFormLabelDynamic	Dynamic date input label
submitButton btn primary submit-PayNow	Default submit payment details button
submit-VisaCheckout visaCheckoutButton v-checkout-wrapper	<i>No longer used (Visa Checkout)</i>
surchargeHeaderInfo	Style for list of accepted cards with surcharges
surchargeHeaderSection	Header style for list of accepted cards with surcharges
text	Tooltip text
title	Heading title
tooltip	SPAN element that holds the tooltip
tooltipBottom	Bottom of tooltip
tooltipText	Tooltip text
v-button	<i>No longer used (Visa Checkout)</i>
verifyButton btn primary	Verify button
visaCheckoutOptionHelp v-learn v-learn-default	<i>No longer used (Visa Checkout)</i>
visaCheckoutPanel	<i>No longer used (Visa Checkout)</i>
visaCheckoutPaymentMethod	<i>No longer used (Visa Checkout)</i>
visaCheckoutSurchargeWarning	<i>No longer used (Visa Checkout)</i>

6.2 IDs

The following IDs are available:

ID Name	Description
about	DIV holding the 'about' iFrame
about_iframe	An iFrame holding the 'about' details
aboutMasterpass	<i>No longer used (Masterpass)</i>
address	Customer's address
addressLabel	Label for address within the address panel
addressPanel	DIV holding all address details on paypage.jsp
addressSection	Address section within address panel
alertErrorIconHiddenMessage	Hidden error icon within message panel
amexAcceptanceMark	Indicator showing American Express SafeKey is accepted
amexAcceptanceMarkImg	American Express SafeKey IMG on paypage.jsp
amexAcceptanceMarkLink	Link to information on American Express SafeKey
amount	Purchase amount
amountLabel	Purchase amount label
analyticsPanel	Panel holding analytics.jsp
basketChargeAmount	Payment basket charge amount
basketChargeType	Payment basket charge type
basketHeader	Payment basket header
basketItemTotal	Payment basket items total

ID Name	Description
basketPanel	Panel holding payment basket details
basketSurchargeAmount	Payment basket surcharge amount
basketSurchargeAmountLabel	Payment basket surcharge amount label
basketSurchargeAmountPanel	Panel holding payment basket surcharge amounts
basketTable	Table showing basket details on paypage.jsp
basketTotalAmount	Payment basket total amount
basketTotalAmountLabel	Payment basket total amount label
basketTotalAmountPanel	Panel holding payment basket total amount details
billingAddressCity	Billing address city
billingAddressCountry	Billing address country
billingAddressCounty	Billing address county
billingAddressHeader	Billing address header
billingAddressLine1	Billing address line 1
billingAddressLine2	Billing address line 2
billingAddressName	Billing address name
billingAddressPanel	Panel holding billing address details
billingAddressPostCode	Billing address post code
btnCancel	Cancel button
btnGetCardType	Get card type button
btnSubmit	Submit button
btnUpdateTotal	Update total button
btnVisaCheckout	<i>No longer used (Visa Checkout)</i>
cardDescription	SPAN element containing text within the label element. For web accessibility this allows an audio description of the field assuming the styling is done in an appropriate manner
cardEntryForm	Payment card details entry form
cardEntryPanel	Panel holding payment card details entry form
cardholderName	Cardholder's name
cardholderNameDescription	SPAN element containing text within the label element. For web accessibility this allows an audio description of the field assuming the styling is done in an appropriate manner
cardholderNameError	Cardholder name error
cardholderNameHelpPanel	Panel holding cardholder name help
cardholderNameLabel	Cardholder name field label
cardholderNameLabelHelpIcon	IMG element for cardholder name field label
cardholderNameLabelPanel	Panel holding cardholder name field label
cardholderNameRequired	Indicates if cardholder name field is mandatory
cardholderNameSection	DIV surrounding all cardholder name related elements
cardholderNameToolTip	Tool tip for cardholder name
cardholderNameTooltipText	Text displayed by tool tip for cardholder name
cardNumber	Card number (i.e. PAN)
cardNumberError	Card number error

ID Name	Description
cardNumberHelpPanel	Panel holding card number name help
cardNumberLabel	Card number name field label
cardNumberLabelHelpIcon	IMG element for card number name field label
cardNumberLabelPanel	Panel holding card number name field label
cardNumberRequired	Indicates if card number name field is mandatory
cardNumberSection	DIV surrounding all card number name related elements
cardNumberToolTip	Tool tip for card number name
cardNumberTooltipText	Text displayed by tool tip for card number name
cardPanelText	Text displayed in payment details card panel
cardType	Card type
cardTypeDescription	Description of card type
cardTypeDetection	Automatically detects card type
cardTypeDetectionHelpPanel	Help panel for card type detection
cardTypeDetectionHelpPanelIcon	Icon for help panel for card type detection
cardTypeDetectionLabel	Label for card type detection element
cardTypeDetectionLabelPanel	Panel holding label for card type detection element
cardTypeDetectionSection	Section holding card type detection details
cardTypeError	Card type error
cardTypeHelpPanel	Help panel for card type
cardTypeLabel	Label for card type element
cardTypeLabelHelpIcon	Icon for help panel for card type
cardTypeLabelPanel	Panel holding label for card type element
cardTypeRequired	Indicates if card type field is mandatory
cardTypeSection	DIV surrounding all card type related elements
cardTypeToolTip	Tool tip for card type name
cardTypeTooltipText	Text displayed by tool tip for card type name
ccc	
chargesPanel	Basket footer charges panel
closeCSCDesc	Hyperlink used to close the CSC description dialog
closeCSCIcon	Icon for closeCSCDesc
closeCSCIconImg	IMG element for CSC icon
closeCSCLink	SPAN element displaying the text of the link to close the CSC description dialog
commands	Table containing command buttons
completeCancelPanel	Manual authorisation panel when using inline mode
confirmCardExpiryLabel	SPAN containing label and description
confirmCardholderName	Confirm cardholder's name
confirmCardholderNameDescription	SPAN element containing text within the label element. For web accessibility this allows an audio description of the field assuming the styling is done in an appropriate manner
confirmCardholderNameError	Confirm cardholder name error

ID Name	Description
confirmCardholderNameHelpPanel	Panel holding confirm cardholder name help
confirmCardholderNameLabel	Confirm cardholder name field label
confirmCardholderNameLabelHelpIcon	IMG element for confirm cardholder name field label
confirmCardholderNameLabelPanel	Panel holding confirm cardholder name field label
confirmCardholderNameRequired	Indicates if confirm cardholder name field is mandatory
confirmCardholderNameSection	DIV surrounding all confirm cardholder name related elements
confirmCardholderNameToolTip	Tool tip for confirm cardholder name
confirmCardholderNameTooltipText	Text displayed by tool tip for confirm cardholder name
confirmCardLabel	Confirm card label
confirmCardLabelPanel	Panel holding card label
confirmCardSchemePanel	Panel holding card scheme
confirmCardTypeLabel	Confirm card type label
confirmCheck1	Checkbox 1 input
confirmCheck1Description	SPAN element containing text within the label element. For web accessibility this allows an audio description of the field assuming the styling is done in an appropriate manner
confirmCheck1Error	Checkbox error
confirmCheck1HelpPanel	Panel holding checkbox help
confirmCheck1Label	Checkbox field label
confirmCheck1LabelHelpIcon	IMG element for checkbox field label
confirmCheck1LabelPanel	Panel holding checkbox field label
confirmCheck1Required	Indicates if checkbox field is mandatory
confirmCheck1Section	DIV surrounding all checkbox related elements
confirmCheck1ToolTip	Tool tip for checkbox
confirmCheck1TooltipText	Text displayed by tool tip for checkbox
confirmCheck2	Checkbox 2 input
confirmCheck2Description	SPAN element containing text within the label element. For web accessibility this allows an audio description of the field assuming the styling is done in an appropriate manner
confirmCheck2Error	Checkbox error
confirmCheck2HelpPanel	Panel holding checkbox help
confirmCheck2Label	Checkbox field label
confirmCheck2LabelHelpIcon	IMG element for checkbox field label
confirmCheck2LabelPanel	Panel holding checkbox field label
confirmCheck2Required	Indicates if checkbox field is mandatory
confirmCheck2Section	DIV surrounding all checkbox related elements
confirmCheck2ToolTip	Tool tip for checkbox
confirmCheck2TooltipText	Text displayed by tool tip for checkbox
confirmCsc	Confirm CSC card security code
confirmCscApplicable	Indicates if confirm CSC is applicable
confirmCscApplicablePanel	Panel holding elements for confirm CSC is applicable
confirmCscDescLink	Hyperlink to CSC description popup

ID Name	Description
confirmCscDescription	SPAN element containing text within the label element. For web accessibility this allows an audio description of the field assuming the styling is done in an appropriate manner
confirmCscError	Error message for confirm CSC
confirmCscInlineLink	Hyperlink to confirm CSC inline description
confirmCscInlinePanel	Panel holding elements for confirm CSC inline panel
confirmCscInlineText	Confirm CSC inline description
confirmCscLabel	Confirm CSC inline label
confirmCscLabelHelpIcon	IMG element for confirm CSC label help icon
confirmCscLabelHelpPanel	Panel holding elements for confirm CSC label help
confirmCscLabelPanel	Confirm CSC label panel
confirmCscRequired	Confirm CSC is required
confirmCscSection	Confirm CSC section
confirmCscToolTip	Confirm CSC tooltip
confirmCscToolTipText	Confirm CSC tooltip text
confirmPaymentDetailsHeader	SPAN for payment details header
confirmPaymentDetailsPanel	DIV containing all related elements for payment details
confirmWhatIsCSCInlineLink	Hyperlink to inline 'What is CSC' text
confirmWhatIsCSCLink	Hyperlink to 'What is CSC' popup
crLabel-span	<i>No longer used (Semaphore Call Reference label)</i>
csc	Card Security Code
cscApplicable	Indicates if CSC is applicable
cscApplicablePanel	Panel holding elements for CSC applicable
cscBottomImage	Any other image on the cscDialog after the cscRightImage
cscDescLink	'What is CSC' link which is used to open the CSC help popup
cscDescription	Description of CSC
cscDescriptionBody	DIV element for CSC text description and images
cscDialog	DIV element containing CSC description dialog
cscDialogContent	Contents of CSC description popup
cscDialogTitle	Title of CSC description popup
cscError	Invalid CSC error message
cscHeading	DIV surrounding h1 on cscDialog.jsp
cscImage	IMG element on cscDialog.jsp
cscInlineLink	Hyperlink to CSC inline description
cscInlinePanel	Panel containing CSC inline description elements
cscInlineText	Text for CSC inline description
cscLabel	Label for CSC field
cscLabelHelpIcon	IMG element for CSC label help
cscLabelHelpPanel	Panel containing elements for CSC label help
cscLabelPanel	Panel containing elements for CSC label
cscRequired	Indicates if CSC is required

ID Name	Description
cscRightImage	CSC location image
cscSection	DIV containing all CSC elements in paypage.jsp
cscText	Text description on the cscDialog page
cscToolTip	Tooltip for CSC field
cscToolTipText	Text for CSC tooltip
ctxPath	SPAN containing hidden merchant URL context path
customerAddressHeader	Customer's address panel header
customerAddressPanel	Panel containing elements of customer's address
dialogDesc	DIV containing elements of a popup dialog box
dialogTitleHtwo	Dialog popup title (heading level 2)
encryptedPaymentToken	Hidden element for encrypted card token
errorIcon	IMG element for standard error on paypage.jsp
errorIconDiv	DIV holding error icon
errorMessageCount	Number of error messages in the message panel
errorMessageDiv	DIV holding elements of the error message panel
errorMessageList	List of error messages specified by id="{error.key}_list"
expiryDateError	Invalid expiry date
expiryDynamicDate	Expiry date dynamic field
expiryDynamicDateToolTip	Expiry date dynamic field tooltip
expiryDynamicDateToolTipText	Text for expiry date dynamic field tooltip
expiryLabel	Label for expiry date field
expiryLabelHelpIcon	IMG element for expiry date help icon
expiryLabelHelpPanel	SPAN element containing the expiry date label help panel
expiryLabelPanel	SPAN element containing the expiry date label panel
expiryMonth	Dropdown expiry date month field
expiryMonthDescription	SPAN element containing text within the label element. For web accessibility this allows an audio description of the field assuming the styling is done in an appropriate manner
expiryMonthLabel	Label for expiry date month dropdown
expiryMonthLabel1	Label for expiry date month input field
expiryMonthRequired	Indicates if expiry date month is required
expiryMonthText	Text in expiry date month field
expiryMonthTextToolTip	Tooltip for text in expiry date month field
expiryMonthTextToolTipText	Tooltip text for expiry date month field text
expiryMonthToolTip	SPAN element that holds the expiry month tooltip
expiryMonthToolTipText	Text for expiry month tooltip
expiryRequired	Indicates if expiry date is required
expirySection	DIV containing all the related elements in paypage.jsp
expiryYear	Dropdown expiry date year field
expiryYearDescription	SPAN element containing text within the label element. For web accessibility this allows an audio description of the field assuming the styling is done in an appropriate manner

ID Name	Description
expiryYearLabel	Label for expiry date year dropdown
expiryYearLabel1	Label for expiry date year input field
expiryYearRequired	Indicates if expiry date year is required
expiryYearText	Text in expiry date year field
expiryYearTextToolTip	Tooltip for text in expiry date year field
expiryYearTextTooltipText	Tooltip text for expiry date year field text
expiryYearToolTip	SPAN element that holds the expiry year tooltip
expiryYearTooltipText	Text for expiry year tooltip
footer	DIV element holding the footer
footerText	DIV element for displaying the footer text
forceCardNumber	Button to force card number
forceCsc	Button to force CSC
goods	Description of the goods purchased
goodsLabel	Label for goods purchased panel
googlepayAcceptanceMark	Indicator showing Google Pay is accepted
googlepayAcceptanceMarkImg	Google Pay IMG on paypage.jsp
googlepayAcceptanceMarkLink	Link to information on Google Pay
googlepayButtonHolder	DIV holding the Google Pay payment button
googlePayConfig	Applies Google Pay configuration
headerText	DIV element for displaying the header
ifAvailable	Text to display to the right of the issue field
indicateRequiredFieldsPanel	DIV containing message lines describing mandatory fields indication
infolcon	Information message icon
infolconDiv	DIV containing information message
infoMessage	Information message text
infoMessageDiv	DIV containing an information messages
infoMessagePanel	Panel containing information messages
inputboxExpiryDatePanelMonth	Expiry date month input box panel
inputboxExpiryDatePanelPadding	Expiry date month input box panel padding
inputboxExpiryDatePanelYear	Expiry date year input box panel
inputboxExpiryDynamicDatePanel	Expiry date month dynamic input box panel
inputboxExpiryDynamicDatePanelPadding	Expiry date month dynamic input box panel padding
inputboxPanelMonth	Input panel for month
inputboxPanelPadding	Month input panel padding
inputboxPanelYear	Input panel for year
inputboxStartDynamicDatePanel	Dynamic input panel for card start date
inputboxStartDynamicDatePanelPadding	Padding for dynamic input panel for card start date
issue	Card issue number
issueDescription	Description of card issue number
issueError	Invalid card issue number

ID Name	Description
issueField	SPAN element containing the issue number panel
issueLabel	Issue number label
issueLabelHelpIcon	IMG element for card issue help icon
issueLabelHelpPanel	SPAN element containing the issue number label help panel
issueLabelPanel	SPAN element containing the issue number label panel
issueRequired	Indicates if card issue is required
issueSection	DIV containing all the CSC related elements in paypage.jsp
issueToolTip	SPAN element that holds the issue number tooltip
issueToolTipText	Text for issue number tooltip
javaEnabled	Hidden field used to detect if the user's browser has Java enabled
jcbAcceptanceMark	Indicator showing JCB J/Secure is accepted
jcbAcceptanceMarkImg	IMG element for JCB/Secure acceptance
jcbAcceptanceMarkLink	Link for further information on JCB J/Secure
jsCardOptions	Calls card options javascript
jsCardOptionsHelper	Calls card options helper javascript
jsCardScheme	Calls card scheme javascript
jsCardType	Calls card type javascript
jsEnabled	Hidden field used to detect if the user's browser has JavaScript enabled
jsForceValidation	Javascript for force inline validation
jsValidation	Javascript for inline validation
kountError	Hidden field to detect Kount error
kountSessionId	Hidden field to detect Kount session ID
manualAuthTitle	Title of manual authorisation panel
masterpassAcceptanceMark	<i>No longer used (Masterpass)</i>
masterpassAcceptanceMarkImg	<i>No longer used (Masterpass)</i>
masterpassAcceptanceMarkLink	<i>No longer used (Masterpass)</i>
mcAcceptanceMark	Indicator showing Mastercard Secure Code is accepted
mcAcceptanceMarkImg	IMG element for Mastercard Secure Code
mcAcceptanceMarkLink	Link for further information on Mastercard Secure Code
message	Card validation message SPAN element
messageCount	Number of error messages displayed in message panel
messagePanel	Panel containing error messages
messagePanelDiv	DIV element containing message panel
newCardLink	Details of payment link (e.g. title, image location)
nonJsKountLogoFrame	Logo frame for Kount when browser Javascript is not enabled
payerAuthDialog	DIV element containing the payer authentication dialog
payerAuthDialogContent	DIV element containing the payer authentication dialog contents
payerAuthIframe	iFrame where payer authentication screen will be displayed
payerAuthPostPanel	Payer authentication panel when using Secure Hosted Payment Page in inline mode

ID Name	Description
paymentDetailsPanel	Panel containing all payment details
paymentDetailsTitle	Title of payment details panel
paymentMethod	Individual payment method
paymentMethodHeader	Header for payment methods panel
paymentMethodPanel	Panel containing list of payment methods
paymentMethods	List of available payment methods
paynowButtonHolder	Hold default submit payment button
paypage	DIV element for entire page elements inside the body
payPageConfig	Hosted Payment Page configuration
paypageHeading	DIV surrounding Payment Page header, h1 on paypage.jsp
paypalAcceptanceMark	Indicator showing PayPal is accepted
paypalAcceptanceMarkImg	IMG element for Pay Pal
paypalAcceptanceMarkLink	Link for further information on PayPal
postCode	Customer's address post code
postCodeLabel	Label for post code within the address panel
postcodeSection	Post code section within address panel
ppLogo	Company logo on Payment Page
ppLogoImg	IMG element on paypage.jsp for company logo
progressTextInfo	Message displayed when processing transaction
purchaseDetailsAmount	Item cost in main purchase details panel
purchaseDetailsFooterAmount	Item cost in purchase details footer panel
purchaseDetailsFooterAmountLabel	Label for item cost in purchase details footer panel
purchaseDetailsFooterAmountPanel	Purchase details item cost footer panel
purchaseDetailsFooterHeader	Header for purchase details footer
purchaseDetailsFooterPanel	Panel containing purchase details item costs
purchaseDetailsFooterSurchargeAmount	Item surcharge in purchase details footer panel
purchaseDetailsFooterSurchargeAmountLabel	Label for item surcharge in purchase details footer panel
purchaseDetailsFooterSurchargeAmountPanel	Purchase details item surcharge footer panel
purchaseDetailsFooterTotalAmount	Total amount in purchase details footer
purchaseDetailsFooterTotalAmountLabel	Label for total amount in purchase details footer
purchaseDetailsFooterTotalAmountPanel	Panel holding total amount in purchase details footer
purchaseDetailsGoods	Description of purchased item
purchaseDetailsHeader	Header for details of purchased items
purchaseDetailsPanel	Panel holding details of purchased items
purchaseDetailsSurchargeAmount	Item surcharge in purchase details main panel
purchaseDetailsTotalAmount	Total amount in purchase details main panel
requiredFieldsMessage1	First line of required fields message
requiredFieldsMessage2	Second line of required fields message
requiredIndicator	Character used to indicate mandatory fields
resetCardNumber	Button to reset card number

ID Name	Description
resetCsc	Button to reset CSC
resetPayment	Button to reset payment
screenColorDepth	Hidden field used to detect screen colour depth of user's browser
screenResolution	Hidden field used to detect screen resolution user's browser
secureModeOff	<i>No longer used (Semafone)</i>
secureModeOffText	<i>No longer used (Semafone)</i>
secureModeOn	<i>No longer used (Semafone)</i>
secureModeOnText	<i>No longer used (Semafone)</i>
security-mode-off	<i>No longer used (Semafone)</i>
security-mode-on	<i>No longer used (Semafone)</i>
semafoneCallReference	<i>No longer used (Semafone)</i>
semafoneCardNumberPanel	<i>No longer used (Semafone)</i>
semafoneCardType	<i>No longer used (Semafone)</i>
semafoneCardTypeLabel	<i>No longer used (Semafone)</i>
semafoneCardTypeLabelPanel	<i>No longer used (Semafone)</i>
semafoneCRLLabel	<i>No longer used (Semafone)</i>
semafoneCscPanel	<i>No longer used (Semafone)</i>
semafoneDiv	<i>No longer used (Semafone)</i>
semafoneDpmUrl	<i>No longer used (Semafone)</i>
semafoneMode	<i>No longer used (Semafone)</i>
semafonePanel	<i>No longer used (Semafone)</i>
semafoneSessions	<i>No longer used (Semafone)</i>
semafoneVersion	<i>No longer used (Semafone)</i>
shippingAddressCity	Shipping address city
shippingAddressCountry	Shipping address country
shippingAddressCounty	Shipping address county
shippingAddressHeader	Shipping address header
shippingAddressLine1	Shipping address line 1
shippingAddressLine2	Shipping address line 2
shippingAddressName	Shipping address name
shippingAddressPanel	Panel holding shipping address details
shippingAddressPostCode	Shipping address post code
startDateError	Invalid start date
startDynamicDate	Start date dynamic field
startDynamicDateToolTip	Start date dynamic field tooltip
startDynamicDateToolTipText	Text for start date dynamic field tooltip
startLabel	Start date label
startLabelHelpIcon	Start date label help icon
startLabelHelpPanel	Start date label help panel
startLabelPanel	Start date label panel

ID Name	Description
startMonth	Start month field
startMonthDescription	SPAN element containing text within the label element. For web accessibility this allows an audio description of the field assuming the styling is done in an appropriate manner
startMonthLabel	Start month field label
startMonthRequired	Indicates if start month is required
startMonthText	Text in start month field
startMonthTextLabel	Label for start month text
startMonthTextToolTip	Tooltip for start month text
startMonthTextToolTipText	Tooltip text for start month text
startMonthToolTip	Start month field tooltip
startMonthToolTipText	Start month field tooltip text
startRequired	Indicates if start date is required
startSection	DIV containing all CSC related elements in paypage.jsp
startYear	Start year field
startYearDescription	SPAN element containing text within the label element. For web accessibility this allows an audio description of the field assuming the styling is done in an appropriate manner
startYearLabel	Start year field label
startYearRequired	Indicates if start year is required
startYearText	Text in start year field
startYearTextLabel	Label for start year text
startYearTextToolTip	Tooltip for start year text
startYearTextToolTipText	Tooltip text for start year text
startYearToolTip	Tooltip for start year field
startYearToolTipText	Start year tooltip text
storeName	Merchant's store display name
submitHelp	Help for submit payment button
surchargeAmount	Surcharge amount for an item
surchargeAmountLabel	Label for surcharge amount
surchargeHeaderInfo	Surcharge header information
surchargeHeaderSection	Section holding surcharge header
surchargeHeaderText	Text in surcharge header
surchargeInfoIcon	Icon for surcharge information
timezone	Hidden field used to detect time zone of user's browser
totalAmount	Purchase details total amount
totalAmountLabel	Purchase details total amount label
txnref	Hidden field for transaction reference
updateTotalSelectedCard	Update total amount of selected card
upiAcceptanceMark	Indicator showing UPI is accepted
upiAcceptanceMarkImg	UPI IMG on paypage.jsp
upiAcceptanceMarkLink	Link to information on UPI

ID Name	Description
vbvAcceptanceMark	Indicator showing Visa Secure is accepted (previously known as Verified By Visa)
vbvAcceptanceMarkImg	Visa Secure IMG on paypage.jsp
vbvAcceptanceMarkLink	Link for further information on Visa Secure
visaCheckout	<i>No longer used (Visa Checkout)</i>
visaCheckoutAddressChangeWarning	<i>No longer used (Visa Checkout)</i>
visaCheckoutAddressChangeWarningText	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardExpiry	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardExpiryLabel	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardExpiryLabelHelpIcon	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardExpiryLabelHelpPanel	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardExpiryValue	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardNumber	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardNumberHelpPanel	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardNumberLabel	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardNumberLabelHelpIcon	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardNumberLabelPanel	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardNumberValue	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardType	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardTypeHelpPanel	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardTypeLabel	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardTypeLabelHelpIcon	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardTypeLabelPanel	<i>No longer used (Visa Checkout)</i>
visaCheckoutCardTypeValue	<i>No longer used (Visa Checkout)</i>
visaCheckoutChangeCardLink	<i>No longer used (Visa Checkout)</i>
visaCheckoutExpiryLabelPanel	<i>No longer used (Visa Checkout)</i>
visaCheckoutOptionHelp	<i>No longer used (Visa Checkout)</i>
visaCheckoutPaymentDetailsPanel	<i>No longer used (Visa Checkout)</i>
visaCheckoutpaymentDetailsTitle	<i>No longer used (Visa Checkout)</i>
visaCheckoutPaymentSummaryAmount	<i>No longer used (Visa Checkout)</i>
visaCheckoutPaymentSummaryAmountLabel	<i>No longer used (Visa Checkout)</i>
visaCheckoutPaymentSummaryAmountValue	<i>No longer used (Visa Checkout)</i>
visaCheckoutPaymentSummaryPanel	<i>No longer used (Visa Checkout)</i>
visaCheckoutPaymentSummarySurcharge	<i>No longer used (Visa Checkout)</i>
visaCheckoutPaymentSummarySurchargeLabel	<i>No longer used (Visa Checkout)</i>
visaCheckoutPaymentSummarySurchargeValue	<i>No longer used (Visa Checkout)</i>
visaCheckoutpaymentSummaryTitle	<i>No longer used (Visa Checkout)</i>
visaCheckoutPaymentSummaryTotal	<i>No longer used (Visa Checkout)</i>
visaCheckoutPaymentSummaryTotalLabel	<i>No longer used (Visa Checkout)</i>
visaCheckoutPaymentSummaryTotalValue	<i>No longer used (Visa Checkout)</i>
visaCheckoutSurchargeWarning	<i>No longer used (Visa Checkout)</i>

ID Name	Description
visaCheckoutSurchargeWarningText	<i>No longer used (Visa Checkout)</i>
whatIsCSCInlineLink	Hyperlink to display 'What is CSC' inline text
whatIsCSCLink	Hyperlink to display 'What is CSC' popup dialog

Chapter 7 Web Accessibility and EQA/DDA Compliance

From version 2.7.000 the Payment Page supports the principles of web accessibility. This assists you in designing your page to comply with disability and equality regulations on the accessibility of websites to people of all abilities.

Web accessibility means making your website accessible to all web users, whether they are disabled or not, using a variety of devices and browsers. Although the Payment Page has been designed to support web accessibility principles, it is your responsibility to ensure pages are accessible, which depends largely on the styles and text properties.

The main categories of disability that web accessibility guidelines address are:

- *Visual* – Blindness, impaired sight, colour-blindness.
- *Hearing* – Deafness, impaired hearing.
- *Motor skills* – Inability to use a mouse, slow response time, limited fine motor control.
- *Cognitive* – Learning disabilities, inability to remember or focus on large amounts of information.

For detailed information on web accessibility, please refer to the many resources on the Internet. For example, the *W3C Introduction to Web Accessibility* at <http://www.w3.org/WAI/intro/accessibility.php>

7.1 Web Accessibility and the Law

If a business has a website, it should be accessible to disabled users. If your website does not meet certain design standards, then you could be sued for discrimination.

Since the introduction in England, Scotland and Wales of the Disability Discrimination Act (DDA) in 1995, subsequently replaced by the Equality Act 2010 (EQA) in October 2010, it has become the duty of anyone providing a public service to ensure that they do not "*...discriminate against a disabled person by refusing to provide any service which it provides to members of the public.*"

Although these acts do not specifically refer to websites, it is generally accepted that the reference to the "*provision of any service*" is also applicable to commercial web sites providing a service.

7.2 Website Design

When developing a website you should evaluate accessibility during the design process. Simple techniques such as changing browser settings can determine whether a page meets some accessibility guidelines. There are also many tools and services available to assist in testing your page for compliance.

For detailed design guidelines, please refer to the *W3C Checklist of Checkpoints for Web Content Accessibility Guidelines* here: <http://www.w3.org/TR/WAI-WEBCONTENT/full-checklist.html>

Examples of web page accessibility design guidelines:

- *Keyboard input* – Some people have difficulty using a mouse, including many older users with limited fine motor control. Your page should not rely on the mouse; it should also provide all functionality via the keyboard.
- *Page structure* – An audible screen-reader, as used by some visually impaired people, will use the HTML tags on the web page to determine the structure of the page, and therefore it is necessary to always label headers, paragraphs, tables, etc.

- *Text labels and headings* – Ensure that you use text that can be understood when read out loud; therefore, it is recommended you do not use abbreviations.
- *Images* – Images must be defined in HTML, not in CSS as background images. All images must have meaningful alternative text.
- *Alternative text for images* – Images should also include alternative text to be read out loud by audible screen-readers.
- *Use of colour* – Colours may be used to distinguish between sections of text and to highlight visited links, for example. However, careful choice of colours should be used since some people may be colour-blind.
- *Fonts* – Small font sizes may be used; however, larger alternatives must also be available. For example, using relative font sizes permits the user to adjust their browser font size to suit their own needs.

7.3 Payment Page Accessibility Compliance

As a highly configurable Payment Page, many aspects of accessibility are determined by the merchant's specific implementation, e.g. branding, fonts, consumer payment journeys. Our Professional Services teams work closely with merchants to achieve the desired results. Barclaycard's standards support our responsibilities under the Human Rights and Equality Act (HRE 2010) in the UK and corresponding international guidelines and laws. They are primarily based on WCAG 2.1 Level AA guidelines.

We do not, however, currently have WCAG 2.1 AA accreditation and plan to undertake full accreditation in Q3 2022, following the completion of further improvements to the Payment Page.

Although the Payment Page meets a wide range of accessibility criteria in line with the WCAG guidelines, a small number of changes are under development to further improve accessibility. Key enhancements include ARIA landmark enhancement for assistive technologies, page heading hierarchy and tabbing order refresh, enhanced error messaging and placement (in-line and top of page), field optimisation for mobile and numeric inputs and input data persistence. Formal WCAG accreditation will follow the completion of these changes. These enhancements will be available to all Payment Page implementations, out of box and those customised by our Professional Services team to suit merchant requirements.

7.4 Payment Page Accessibility Implementation

Since the Payment Page can be configured and styled in many ways to suit your business requirements, you should consider the following page elements for web accessibility when making an changes. Please note that page items (such as headers, descriptions, and help icons) will not be rendered on the page if they have not been defined in the properties file; the HTML code is only included if the property is provided.

7.4.1 Screen Readers

When using a screen reader, as you navigate throughout the page, it will announce each type of element currently in focus. For example, it will say whether the focus is on a text input field, dropdown, hyperlink, button, table, etc.

7.4.2 Page Navigation using Keyboard

The Payment Page has been designed so that it can be navigated and used entirely via the keyboard, if the mouse is not being used. The user can:

- navigate to every object and element on the page using the **Tab** key;
- select radio button and dropdown box options using the **Up** and **Down** keys;
- select checkboxes using the **Spacebar**;
- execute the **Pay Now** button using the **Alt+P** key combination (see note below);

- execute the **Cancel** button using the **Alt+C** key combination.

Note - The screen reader will announce '*pay now button is enabled*' when the **Pay Now** button is highlighted through tabbing and the button is in the enabled state. Alternatively, it will announce '*pay now button is disabled, please enter valid details*' when the **Pay Now** button is highlighted through tabbing and the button is in the disabled state.

7.4.3 Page Titles

The page title appears in the title bar of the browser and the tab title, it allows all users to easily identify both the website and purpose of the current page, and can be read by a screen reader.

For guidance on page titles please see <http://bestpractices.cita.uiuc.edu/html/nav/title/>

7.4.4 Headings

The purpose of the page should be specified in the main heading on the page (which appears as 'h1' in HTML). It is expected that there will be some duplication between the page title and the main heading.

For guidance on main headings please see <http://bestpractices.cita.uiuc.edu/html/nav/title/>

7.4.5 Labels and Tooltips

All form fields must have an associated label that can be read out by a screen reader, which will read out the associated label and descriptive text even if it is not actually displayed with styles enabled.

The Start Month, Start Year, Expiry Month, Expiry Year each have separate labels.

Descriptive text must be added to the label of each field if the related tooltip text has been set, e.g. tooltipStartDateMonth.

Where a field doesn't have a tooltip (i.e. set to 'false' in the configuration file) the associated tooltip text must also be removed from the store properties file; otherwise a screen reader will read out the text even though it's not displayed

To prevent the repetition of field descriptions by screen readers, you must remove the default labels from the following fields (see 5.1.1 Default Text Properties File):

```
cardholderNamePlaceholder =
cardNumberPlaceholder =
cancelPaymentButtonTitle =
submitOrderButtonTitle =
expiryMonthPlaceholder =
expiryYearPlaceholder =
```

For guidance on styling for screen readers please see <http://webaim.org/techniques/css/invisiblecontent/>

7.4.6 Images and Alternative Text

To ensure that images are meaningful to people with limited vision they must have an 'alternative text' string defined, which is read out by a screen reader. All images conveying information (i.e. not just decorative boxes/lines) must be defined in the HTML mark-up, not in the CSS file. The images must have alternative text specified, which may be defined as an empty string if the image is described by text next to the image. Alternative text and image locations are defined in the properties file.

```

```

A different image can be used for different devices using the relevant suffix, as follows:

- `cscImageUrl=../images/cscLocation.png` (the default - you can just have this defined if there is only one image to be used for all devices).
- `cscImageUrl_DESKTOP=../images/cscLocationdesktop.png` (for desktop computers).
- `cscImageUrl_MOBILEPHONE=../images/cscLocationmobile.png` (for mobile phones).
- `cscImageUrl_TABLET=../images/cscLocationtablet.png` (for tablets).

Guidelines for writing alternative text can be found here: http://webaim.org/techniques/images/alt_text/

7.4.7 Relative Sizes

Relative sizes should be used when styling so that the page scales fonts and images when the customer changes the size of font on their browser, or zooms the page size. Remember to:

- use online tools to convert from px to em (e.g. www.pxtoem.com).
- give images a relative size.
- test with a variety of browsers and devices.
- test by changing the font-size in the browser.
- test using the browser zoom functionality.

7.4.8 Layout

The following page layout elements have been modified for enhanced accessibility:

- Field sets with legend: associated form elements are grouped together.
- Tables: web payments basket items are contained in a table to improve screen reader user experience and styling with relative sizes.
- Extra DIVs and text elements are available.
- Default style sheets use relative sizes so the page scales when users change font size.
- Payment Page uses HTML elements and ARIA landmarks to differentiate major sections of the payment page (Header, Main and Footer). This aids the use of assistive technologies, such as screen readers.

Merchants may wish to offer their users different style sheets (e.g. high contrast, larger font size, different colours), which can be implemented using the existing style sheet functionality provided by the Payment Page.

7.4.9 Focus

Using the keyboard the user can select different items within the browser. Pressing the Tab key moves the focus to the next item in the tab order.

Please note that changing the layout in the style sheet does not change the tab order.

7.4.10 Help

The following elements provide help and assistance on using the page:

- Tooltip text is included in a field label, which provides a description to screen reader users.
- Form field tooltips that appear on focus remain on screen until another field with a tooltip has the focus.

- Help and error icons are images defined in the HTML.
- Help tooltips should be favoured over help icons; the text size can be changed and can be accessed with keyboard.
- Card Security Code help box link could explicitly say that a pop-up is opened, to improve screen reader user experience.

7.5 Tools and Further Information

To help test the suitability of elements on the page you may wish to use screen readers and browser tools:

Screen Readers

- NVDA
- JAWS
- Voiceover for iPad/iPhone

Browser accessibility toolbars

There are a number of browser toolbars that can be used to validate the page and check colour contrast, such as Firefox add-ons:

- WAVE Toolbar
- Juicy Studio Accessibility Toolbar
- Accessibility Evaluation Toolbar to generate a report

What's New

Version 30.01 – 3 June 2024 - Pay Page release 3.2.3

- Cardholder name validation corrected to match API (45 characters) 5.1.1
- Added ID: progressTextInfo 6.2

Version 30 – 10 April - PayPage version 3.1.7

- Rebranded document
- Added dynamic formatting for combined month/year date field 4.10:
 - New classes (6.1): labelHelpImgDynamic, subFormLabelDynamic
 - New IDs (6.2): expiryDynamicDate, expiryDynamicDateToolTip, expiryDynamicDateToolTipText, inputboxExpiryDynamicDatePanel, inputboxExpiryDynamicDatePanelPadding, inputboxStartDynamicDatePanel, inputboxStartDynamicDatePanelPadding, startDynamicDate, startDynamicDateToolTip, startDynamicDateToolTipText
- Added styling to fix date field zoom issues 4.9
- Added IDs: alertErrorIconHiddenMessage, ctxPath, errorMessageCount, errorMessageList, messageCount, payPageConfig (see Chap 6)
- Deleted ID: btnSubmitSrc
- Added Class: errorCount
- Merchant style sheet should contain .hidden style class to hide text on screen but required screen readers 4.5, 4.15

Version 29 - 11 August 2023 - PayPage version 3.1.1

- New support email for customised CSS file submissions 2.6
- CSC What's This? link is displayed default 4.11.1
- Added cscPlaceholder in text properties 5.1.1
- Added further date field errors text properties 5.1.1
- Added missing card types (P, Q, R, UP, WL) in text properties 5.1.1
- Error message text colour is no longer hard-coded and must now be explicitly configured in the merchant's CSS 4.16
- Added error count to Error Summary Box 4.15
- Changed month and year date fields formatting 4.9, 5.1.1

Version 28 - 15 September 2022 - PayPage version 2.18.005

- Terminated support for 3DSv1
- Added accessKeyAnnouncement to properties file
- Added default Sans Serif default font family to input fields

Version 27 - 20 July 2022 - PayPage version 2.18.003

- Added CSS to configure Google Pay button visible focus
- Screen readers will announce element type in focus
- Added to default text properties file:
- Google Pay button label: GOOGLE_PAY = Pay using Google Pay
 - Additional information for 'What's This?' link: whatIsCSCInlineAdditionalInformation = opens inline
 - Additional information for 'What's This?' link: whatIsCSCInlineAdditionalInformation = opens as pop-up
 - Changed method of hiding logos, which also hides their links from screen readers
- CSS to set date field minimum width
- Added accessibility compliance statement

Version 26 - 13 May 2022 - PayPage version 2.18.002

- Added Payment Page keyboard navigation
- Screen reader will announce status of the Pay Now button
- Added btnStatusEnabledText & btnStatusDisabledText in properties file

Version 25 - 5 May 2022 - PayPage version 2.18.001

- Added date placeholder text in properties file (startAndExpiryMonthMMFormatPlaceholder, startAndExpiryMonthMMMFormatPlaceholder, startAndExpiryYearYYFormatPlaceholder, startAndExpiryYearYYYYFormatPlaceholder)

Version 24 - 17 February 2022 - PayPage version 2.17.016

- Added property validation.expiryDateMandatory

Version 23 - 2 February 2022 - PayPage version 2.17.015

- Brand updates
- Added CSS instruction for displaying CSC Description Heading
- Added field error styling and icon

Version 22 - 6 January 2022 - PayPage version 2.17.014

- Added Header, Main and Footer landmark roles to Payment Page to aid use of assistive technologies (e.g. screen readers)
- For fields configured to have no tooltip displayed remove tooltip text from properties file to prevent it being read by screen reader
- Added CSS instructions for configuring Expiry Date Input Field Widths
- Added properties for expiryMonthPlaceholder, expiryYearPlaceholder

Version 21.02 - 29 September 2021 - PayPage version 2.17.012

- Payment Page now supports Content Security Policies (CSP); logos updated
- Added instruction on how to hide scheme logos correctly for screen readers

Version 21.01 - 24 February 2021 - PayPage version 2.17.009

- Rebranded Smartpay S to Smartpay Advance

Version 21 - 3 December 2020 - PayPage version 2.17.006

- Added eDCC text labels: dccCardHolderDisclosure, dcclInitialRecurringWarning, dcclInitialInstalmentWarning, dccReceiptInitialRecurringInstalmentWarning, edccReceiptDisclaimer, edccReceiptRetainNote

Version 20.01 - 15 October 2020 - PayPage version 2.17.004

- Document reformatted; no technical changes

Version 20 - 7 September 2020 - PayPage version 2.17.004

- Added text label for CSC (optionalIndicator) for UPI cards
- CSC/CVN2 is 3 or 4 digits for UPI cards

Version 19 - 6 August 2020 - PayPage version 2.17.003

- Added eDCC text labels and IDs
- Added styling for Field Level Error Validation Text

Version 18 - 1 April 2020 - PayPage version 2.16.004

- Added text labels for auto card detection, payment details summary, & surcharges: acceptedCardTypeText, cardTypeDetectedHelp, cardTypeErrorInlineMsg, cardTypeErrorTopMsg, cardTypeNotFoundInlineMsg, cardTypeNotFoundTopMsg, paymentDetailsFooterSummary, surchargeHeader, surchargeInfo, updateTotal, updateTotalEmptyTopMsg, updateTotalErrorTopMsg, validation.notDetectedCardType, verifyButton, verifyErrorTopMsg
- Added CSS classes: acceptedCardLogolmg, formText, inputError, surchargeHeaderInfo, surchargeHeaderSection, surchargeInfoIcon, verifyButton

Version 17 - 26 July 2019 - PayPage version 2.15.003

- Multi-Tenanted Payment Page (MT) no longer maintained
- Mastercard SecureCode rebranded to Mastercard Identity Check throughout
- Verified by Visa rebranded to Visa Secure
- Removed references to DCC throughout, no longer supported with eCommerce

Version 16 - 7 May 2019 - PayPage version 2.14.003

- Updated default text properties file to support disabled JavaScript & 3DSv2
- Removed references to, and deprecated fields for, legacy features (Sermepe & Semafo)
- Added details of hosting files/URLs and PCI compliance

Version 15 - 3 August 2018 - PayPage version 2.11.001

- For accessibility compliance certain text labels must be removed

Version 14 - 27 March 2018 - PayPage version 2.10.001

- Added third party image URLs to text properties file, clarified cardType parameters

Version 13 - 7 August 2017 - PayPage version 2.9.003

- Added Ingenico APMs

Version 12 - 11 April 2017 - PayPage version 2.9.001

- Rebranded document to Barclaycard
- Added surcharges: DELIVERY_CHARGE, TAX, OTHER
- Graceful support of JavaScript disabled in browser
- Removed Style Tool as no longer supported, alternative method suggested
- Stylesheets can't be hosted by client for PCI compliance reasons

Version 11 - 28 June 2016 - PayPage version 2.8.020

- Added usage of custom fonts in CSS
- Added ACS holding page class: logo
- Added ACS holding page IDs: acsLogo, acsHeading, textPanel, returnText, timerPanel, progressSpinnerImage
- Removed cardTypeText text label

Version 10 - 15 February 2016 - PayPage version 2.8.011

- Added ID: jsCardScheme
- Added cardTypeText in text properties file

Version 9.02 - 24 November 2015 - PayPage version 2.8.010

- Removed support for V.me

- Removed support for Worldpay APMs: Sofort, Mister Cash, iDeal, GiroPay

Version 9.01 - 26 October 2015 - PayPage version 2.8.010

- Omission - added Inline validation styling

Version 9 - 14 July 2015 - PayPage version 2.8.010

- Added text properties for V.me and Alipay
- Added link IDs for alternative payment providers
- New company logo and phone numbers

Version 8 - 28 April 2015 - PayPage version 2.8.006

- Error screens now localised
- Added text properties for Amex Purchasing cards cardTypeBLabel, cardTypeBAlt, cardTypeBImageUrl

Version 7 - 27 October 2014 - PayPage version 2.8.002

- Removed Tablet Shop URL

Version 6 - 27 August 2014 - PayPage version 2.8.001

- Sermepa renamed to RedSys
- Card date month format configurable
- New Classes added: required, highlight, inputError, inputValid
- New IDs added: cardTypeSection, cardTypeLabelPanel, cardTypeLabel, cardTypeRequired, cardTypeDescription, cardTypeHelpPanel, cardTypeLabelHelpIcon, cardType, cardTypeToolTip, cardTypeTooltipText, cardholderNameRequired, cardNumberRequired, expiryMonthRequired, expiryYearRequired, startRequired, startMonthRequired, startYearRequired, issueRequired, cscRequired, confirmCheck1Required, confirmCheck2Required

Version 5 - 26 June 2014 - PayPage version 2.7.008

- Added text label validation.cardholderNameCharacters

Version 4 - 17 February 2014 - PayPage version 2.7.006

- Added Confirmation Checkbox1
- New IDs: confirmCheck2LabelPanel, confirmCheck2Label, confirmCheck2, confirmCheck2helpPanel, confirmCheck2LabelHelpIcon, confirmCheck2ToolTip
- New text properties: confirmCheck2Label, helpConfirmCheck2, tooltipConfirmCheck2, validation.confirmCheck2Required
- Added Button Positions

Version 3 - 12 December 2013 - PayPage version 2.7.005

- Added dccMarginRateText text label

Version 2 - 19 November 2013 - PayPage version 2.7.004

- Added Style Tool and modified customising CSS instructions
- Removed sample CSS as no longer supplied
- Added required fields message to top of form: indicateRequiredFieldsMessage1/2; requiredIndicator; required; requiredMessage; indicateRequiredFieldsPanel

Version 1 - 22 July 2013 - PayPage version 2.7.001

- Separate document, now part of the new Payment Page documentation set
- Added mobile optimisation support

- Updated sample CSS files
- Introduced new method of styling pages
- Updated Payment Entry Screens to include Alternative Payment Providers
- Added Confirmation Checkbox1:
 - New IDs: confirmCheck1LabelPanel, confirmCheck1Label, confirmCheck1, confirmCheck1helpPanel, confirmCheck1LabelHelpIcon, confirmCheck1ToolTip
 - New text properties: confirmCheck1Label, helpConfirmCheck1, tooltipConfirmCheck1, validation.confirmCheck1Required
- Added guidelines for web accessibility/DDA compliance
- Updated all classes. IDs, text properties