Adding Dankort to Apple Pay checkout - requirements (1)

Merchant checkout: Add "dankort" to "supportedNetworks"

- In the Payment Request (PKPaymentRequest) sent to Apple, "dankort" must be added to the "supportedNetworks" field. Apple Pay will then give the user the option to choose the Dankort side of a Visa/Dankort in the card selection prompt (requires iOS 15.4+) if the user has such a card.

- The *default payment network* is determined by the order of networks in supportedNetworks. First one will be default if the user has a card of that type, otherwise it will be the next one (etc.). This won't override the user's default card selection.
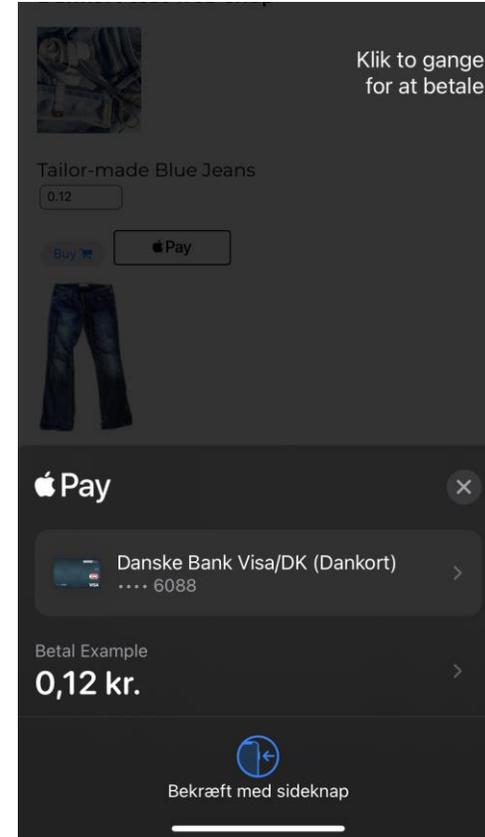
The Apple Pay overlay will appear as normal…
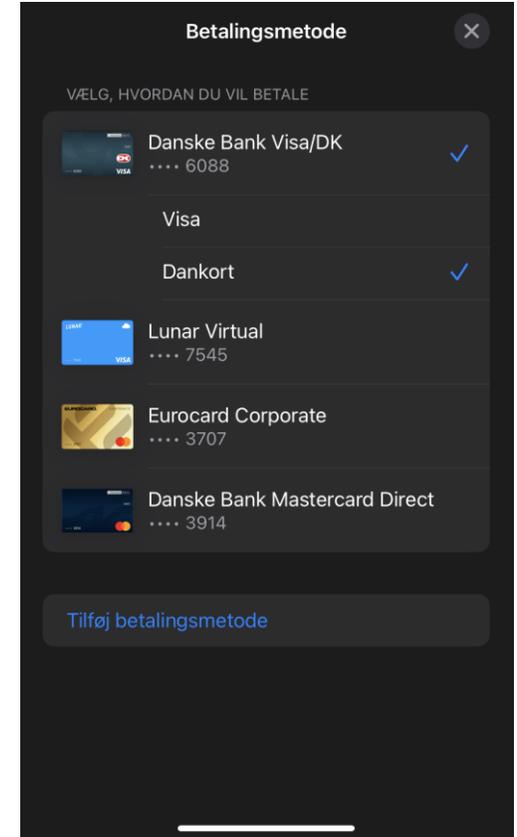
… but both sides of the co-badged card available if the user clicks card selection

nets

Adding Dankort to Apple Pay checkout – requirements (2)

Merchant checkout: Check device support

- Apple recommends checking if the iOS version supports "dankort" (and other networks) by trying to create a test Apple Pay session with that network.

- The code examples on this and the following slide show how to do this check using a checkNetwork() function.

- Note that this method may not be clear from Apple's developer documentation.

- This methods means that it is not necessary to check API version.

Code example (see checkNetwork next slide)

```
// Build the desired set of supported networks
let supportedNetworksArray = ["dankort", "visa", "mastercard"];

// Build the payment request, filtering out unsupported networks
let paymentRequest = {
  ...
  supportedNetworks: supportedNetworksArray.filter(checkNetwork),
  ...
};
```

nets

Adding Dankort to Apple Pay checkout – requirements (3)

Code example – function to check if a network is supported

```
// Test whether a session can be created with a basic ApplePayPaymentRequest
function checkNetwork(network) {
  let testNetworkPaymentRequest = {
    "countryCode": "DK",
    "currencyCode": "DKK",
    "merchantCapabilities": ["supports3DS"],
    "supportedNetworks": [network],
    "total": {
      "label": "Example",
      "type": "final",
      "amount": "1.00"
    }
  }

  try {
    // It is possible to create a new session many times with different
    // configurations as long as session.begin() is not called.
    new ApplePaySession(3, testNetworkPaymentRequest);
    return true;
  } catch {
    return false;
  }
}
```

nets

Adding Dankort to Apple Pay checkout - requirements (4)

Authorization

Except for the below, authorizations are constructed in the same way as Visa Apple Pay authorizations sent to Nets frontend:

- When Apple Pay returns "dankort" as network, route the authorization to Nets (Dankort acquiring). The BIN range will be 357106 or 357107. The token PAN will be 19 digits.

- No SCA exemption should be set (field 47 tag V!).

- Wallet identifiers (tag 7R and 7J) are not required.

- Tag A6 must be set to DK (as for other Dankort payments)

nets

Adding Dankort to Apple Pay checkout – optional

If the merchant wants to display the Apple Pay button conditionally the below options are available.

App channel:

- Merchants can use the canMakePayments(usingNetworks: [PKPaymentNetwork]) functionality to check if an active card from a select set of networks is available.

Web channel:

- The check is less granular, only allowing merchants to check whether an active card from any network is available via the canMakePaymentsWithActiveCard API.