

### Tokenization



Payment tokens replace the Primary Account Number (PAN) found on a Visa card with a unique identifier that can be use to initiate payments without exposing cardholder account information



Use of a payment token may be restricted by device, merchant, transaction type or channel

Payment tokens (EMVCo) enhance the security of mobile and online payments



### Tokens work anywhere a traditional card works

Tokens provide new functionality and enhanced cardholder experiences



### Visa Token Service: A complete solution

### One platform enables a variety of leading digital payment solutions

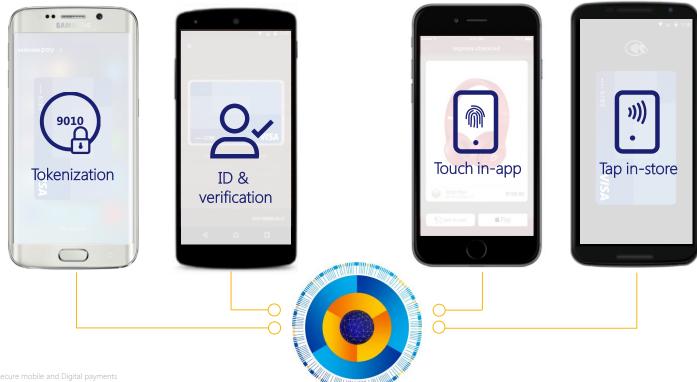


www.visa.com/tokenservice



### Mobile Payments

### Powered by the Visa Network





## Load a card Featuring Samsung Pay

Note: All brand names and logos are the property of their respective owners, are used for identification purposes only, and do not imply product endorsement or affiliation with Visa



### Load a Card: Token provisioning and activation

Samsung requests Visa Risk Manager makes Consumer adds Device sends data to token from Visa card to Samsung Pay approval decision Samsung Token Service Mobile device Visa Token Service Token requestor Issuer PAN VISA **«**-----Token Token Risk Decisioning provisioning (ID&V) Samsung provisions Visa generates and token on device delivers payment token to Samsung Device

Source: All brand names and logos are the property of their respective owners, are used for identification purposes only, and do not imply product endorsement or affiliation with Visa





Featuring Android Pay's Enhanced Receipt



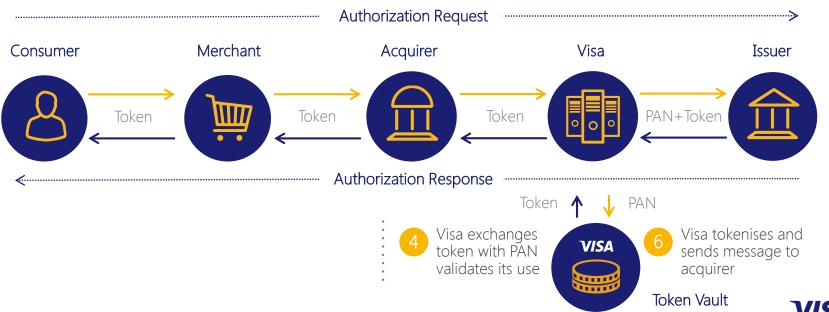
### Token payment transaction at POS (NFC)







Visa passes PAN and token passed to issuer for authorization



# Issuers can create their own mobile payment experience

#### Issuer considerations

- Deliver within their mobile banking apps or offer separate wallet apps
- Launch in countries where 3<sup>rd</sup> party wallet solutions are not yet available
- Maybe used with any device running KitKat 4.4 or above and NFC technology



Note: All brand names and logos are the property of their respective owners, are used for identification purposes only, and do not imply product endorsement or affiliation with Visa



