

Common Cards Integration

This document lists the integration points between Rupay/Mastercard services and the common card service.

Card Data Events

The Common Card Repository stores information for all cards linked to a customer, which is displayed on the Common Cards page. To keep this information up to date, RUPAY and MASTERCARD services send events to Kafka whenever there is a change in a card's status.

Kafka Message Format:

- **Type:** JSON

Message Parameters:

Parameter Name	Description	Data Type / Format
cardId	Unique identifier for a card in the primary database; unique per card scheme	Alphanumeric, up to 30 characters
cardScheme	Card scheme identifier	Enum: RUPAY, MASTERCARD
cmsId	CMS vendor identifier	Numeric, up to 20 digits
cardProxyNumber	Proxy number uniquely identifying a card in the CMS system	Alphanumeric, up to 30 characters
customerMobileNumber	Customer's mobile number	Numeric, 10 digits
cardType	Type of card	Enum: DEBIT, PREPAID, PPI_MTS
orderId	Order Identifier used for tracking an order	Alphanumeric, up to 30 characters
formFactor	Payment instrument form factor	Enum: VIRTUAL_CARD, PHYSICAL_CARD, WEARABLE
maskedCardNumber	Masked card number (last 4 digits visible)	Alphanumeric, up to 20 characters
programCode	Card variant identifier	Alphanumeric, up to 50 characters

cardStatus	Current status of the card	Enum: CARD_ORDERED, CARD_GENERATED, CARD_DESTROYED, LINKED, DELIVERED, ACTIVATED, TEMPORARY_BLOCKED, DORMANT, PERMANENT_BLOCKED, CLOSED
deliveryStatus	Delivery status of the card	Enum: ORDER_PLACED, CARD_PERSONALISED, , SHIPPED, IN_TRANSIT, OUT_FOR_DELIVERY, DELIVERY_FAILED, RETURN_INITIATED, RETURN_IN_TRANSIT, ORDER_RETURNED, SUCCESS, ARTICLE_DESTROYED
cardIssuanceDate	Date the card was issued	Timestamp

Front End Redirection

Clicking a card redirects to the card details page based on the following conditions:

Screen	RuPay DeepLink	Mastercard Deeplink	Pre Conditions
Card Order Screen	myairtel://transit_card_order? screenName=transit_card_order& productCode=AIRTEL_TRANSIT_DEBIT&custType=SBA	myairtel://mastercard_order? screenName=mastercard_order&product Code=EN_CLASSIC &custType=SBA	Called on Get button in More Cards Section CustType to be passed as received from the customer profile
Order Tracking screen	myairtel://transit_c	myairtel://mastercard_or	Called on card click in existing

	ard_order? screenName =transit_c ard_order& selectedPa ge=transit _card_home &cardId=24 0651600021 6&custType =SBA&order Id=2513245 162715272 1	der? screenName=m astercard_or der&selected Page=masterc ard_home&car dId=24065160 00216&custTy pe=SBA&order Id=251324516 27152721	cards section when status in (CARD_ORDE RED, CARD_GENE RATED, CARD_DEST ROYED, LINKED, or DELIVERED)
Manage Card Screen	myairtel:/ /transit_c ard_order? screenName =transit_c ard_order& selectedPa ge=transit _card_home &cardId=24 0651600021 6&custType =SBA	myairtel://m astercard_or der? screenName=m astercard_or der&selected Page=masterc ard_home&car dId=24065160 00216&custTy pe=SBA	Called on card click in existing cards section when status is not in the above values

** These are sample deeplinks only, actual values might vary

SIT DB

Database Host : 10.56.110.247:1532/VOLTDBT

SIT Kafka

Kafka Cluster : 10.56.21.247:9092,10.56.21.248:9092,10.56.21.249:9092

Retry Engine

Kafka Cluster - 10.56.21.247:9092,10.56.21.248:9092,10.56.21.249:9092

Kibana Log Format

- This is a sample GROK Pattern, can be modified basis the requirement and availability of data

```
1 %{TIMESTAMP_ISO8601:timestamp}( )?\[%{DATA:nio_connector}\]( )?\[%{DATA:filter_info}\]( - )?%{DATA:applicationServiceId}?( )?~#~%{DATA:apiId}?( )?~#~%{DATA:requestId}?( )?~#~%{DATA:custMobileNo}?( )?~#~%{DATA:custType}?( )?~#~%{DATA:cardRefNo}?( )?~#~%{DATA:cardType}?( )?~#~%{DATA:channel}?( )?~#~%{DATA:agentId}?( )?~#~%{DATA:id1}?( )?~#~%{DATA:id2}?( )?~#~%{DATA:id3}?( )?~#~%{DATA:id4}?( )?~#~%{DATA:requestHeader}?( )?~#~%{DATA:requestUrl}?( )?~#~%{DATA:requestJson}?( )?~#~%{DATA:responseJson}?( )?~#~%{DATA:status}?( )?~#~%{DATA:respCode}?( )?~#~%{DATA:respDescription}?( )?~#~%{NUMBER:httpStatus:int}?( )?~#~%{NUMBER:requestProcessingTime:int}?( )?~#~%{DATA:date1}?( )?~#~%{DATA:date2}?( )?~#~%{DATA:entityId}?( )?~#~%{DATA:orderId}?( )?~#~%{DATA:amount}?( )?~#~%{DATA:category}?( )?~#~%
```

JWT Token Verification

Login Documentation - [Use Case Guide to Integration with Salus](#)

Sample Code - <https://code.airtelworld.in:7990/bitbucket/projects/APB/repos/transit-card-management-service/browse/src/main/java/com/airtelbank/payments/transitcards/filter/JwtAuthenticationFilter.java?at=refs%2Fheads%2FAPB-646955-New-Bank-App-Changes>