

Card Terminal Operation (Capability)

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1. Role Definition



This service domain maintains a record of the transactions received from each Point of Sale Terminal or Authorization Link used by the Merchants to submit card charges and is used to help the merchant reconcile the transactions at the end of day or shift. Transactions are forwarded to the Card Clearing service domain when the terminal batches are closed by the merchant. The service domain also monitors the operating status of the terminals and handles terminal replacement.

2. Example of Use



Charge transactions that are submitted by a Merchant through Point of Sale Terminals or Authorization Links are recorded by the Acquiring Bank as they are received and are held until the Merchant reconciles and closes a batch on the Terminal or Cash Register at the end of the day or shift. Transactions contained in batches that are closed by the Merchant are then sent for clearing.

3. Executive Summary

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This service domain handle POS operations including processing, capture and tracking of the transactions originating at the Point of Sale devices.

4. Key Features

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- Card transaction capture and authorization
- Merchant transaction reconciliation
- Transaction batch closing and submission
- Terminal/device status tracking

Documentation

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Properties

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Property	Value
Service Domain	
API BIAN Portal	Card Terminal Operation API (https://app.swaggerhub.com/apis/BIAN-3/CardTerminalOperation/12.0.0)
BIAN Proposed ISO20022 Control Record Match	CardPOSTerminalSession
Core Business Object	 Card Payment Transaction (object_25.html?object=33389)
Individual Analytics	cardPOSTerminalOperatingSessionAccumulators cardPOSTerminalOperatingSessionActivityAnalysis cardPOSTerminalOperatingSessionPerformanceAnalysis cardPOSTerminalOperatingSessionTrends&Events
Portfolio Analytics	cardPOSTerminalOperatingSessionPortfolioActivityAnalysis cardPOSTerminalOperatingSessionPortfolioMake-UpAnalysis cardPOSTerminalOperatingSessionPortfolioPerformanceAnalysis
Scenarios	 Authorise Card Use by Acquirer (views/view_55588.html)

Relations




- aggregated by
- 


Wave 2 (object_25.html?object=153742)




Wave 1 (object_25.html?object=153747)




Channel Specific (object_25.html?object=172079)

- gets input from
- 

Card Clearing (object_21.html?object=36804)



Card Terminal Operation (object_22.html?object=45274)



Session Dialogue (object_23.html?object=48273)

























- is equal to
- 

Card Terminal Operation (object_37.html?object=45275)





- is part of
- 

Channel Specific (object_25.html?object=130065)


realized by

-  Card POS Network Operating Session_ Analytics Object (object_25.html?object=111401)
-  Card POS Network Operating Session_Invocation (object_19.html?object=159575)
-  Card POS Network Operating Session_Reporting (object_19.html?object=159585)
-  Card Terminal Operation_SD_Operations (object_19.html?object=159593)
-  Card POS Network Operating Session_Instantiation (object_19.html?object=159599)
-  Card Terminal Operation_SD_Service Group (object_19.html?object=239599)
-  Up CR Update details of a card POS session (object_12.html?object=29988)
-  Co CR Control the processing of a card POS session (e.g. suspend) (object_13.html?object=30985)
-  Up BQ Update details of the card capture transaction (object_13.html?object=31933)
-  Rq BQ Request manual intervention for a card authorization (e.g. engage specialist) (object_12.html?object=32968)
-  Up BQ Update details of a transaction batch (object_12.html?object=33276)
-  Re BQ Retrieve details about a card capture transaction (object_14.html?object=34460)
-  In BQ Initiate authorization for a card transaction (object_15.html?object=39262)
-  Re BQ Retrieve details about a card authorization transaction (object_15.html?object=39954)
-  Card POS Network (object_24.html?object=40307)
-  Rq BQ Request manual intervention for a batch (e.g. adjust scheduling) (object_15.html?object=41474)
-  In CR Initiate a card POS network operation session (object_15.html?object=42969)
-  Rq BQ Request manual intervention with a capture transaction (object_16.html?object=43903)
-  Card POS Network Operating Session (object_24.html?object=44058)
-  In BQ Initiate a batch transaction POS capture (object_16.html?object=44245)
-  Re CR Retrieve details about the card POS session (object_16.html?object=45510)
-  In BQ Initiate transaction capture at the POS (object_16.html?object=45956)
-  Re BQ Retrieve details about a card capture batch (object_16.html?object=46753)
-  Operate (object_28.html?object=58128)



sends output
to

-  Fraud Evaluation (object_22.html?object=39639)
-  Card Terminal Administration (object_22.html?object=44408)
-  Card Authorization (object_22.html?object=44578)
-  Card Terminal Operation (object_22.html?object=45274)

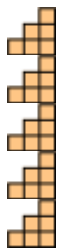
serves

-  Channel Management (object_6.html?object=130032)

triggered by

-  Card Terminal Operation (object_22.html?object=45274)
 -  Session Dialogue (object_23.html?object=48273)
-

triggers



- Card Transaction Capture (object_21.html?object=35397)
 - Merchant Acquiring Facility (object_20.html?object=42530)
 - Card Terminal Administration (object_22.html?object=44408)
 - Card Authorization (object_22.html?object=44578)
 - Card Terminal Operation (object_22.html?object=45274)
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