

Issued Device Tracking (Capability)

1. Role Definition

2. Example of Use

3. Executive Summary

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1. Role Definition



This service domain tracks and reports on the state (e.g. suspended, flagged for possible fraud, cancelled) for all issued devices. This covers credit/debit cards and can include other identification devices such as keychain fobs and virtual authentication devices such as electronic signatures, passwords and keys. It may use an external service provider to obtain notifications and is responsible for providing notifications to external services when the bank detects problems with its own issued devices

2. Example of Use



A tracking service notifies the bank that one of its issued authentication devices has been detected in a fraudulent transaction. The bank suspends the device and initiates a fraud case to diagnose and resolve the situation

3. Executive Summary



This service domain handles operational access to issued device tracking services. Services report on the status of devices such as cards, fobs, etc. that have been issued to customers. Service notifications include fraud













warnings/alerts and device cancellation.

4. Key Features

- Operate the interface to the issued device tracking service
- Provide issued device updates/alerts for bank detected issues
- Retrieve and apply issued device updates/alerts from the service

Documentation

Properties

Property	Value
Service Domain	
API BIAN Portal	Issued Device Tracking API (https://app.swaggerhub.com/apis/BIAN-3/IssuedDeviceTracking/12.0.0)
Core Business Object	 Device (object_26.html?object=43570)
Individual Analytics	issuedDeviceMeasurementAccumulators issuedDeviceMeasurementActivityAnalysis issuedDeviceMeasurementPerformanceAnalysis issuedDeviceMeasurementTrends&Events
Portfolio Analytics	issuedDeviceMeasurementPortfolioActivityAnalysis issuedDeviceMeasurementPortfolioMake-UpAnalysis issuedDeviceMeasurementPortfolioPerformanceAnalysis
Scenarios	<div><div></div> Set Up New Card for Card Application (views/view_55052.html)</div> <div><div></div> Handle Request for Card Activation (views/view_55025.html)</div> <div><div></div> Record Lost or Stolen Token or Device (views/view_55490.html)</div> <div><div></div> Process Token Activation by TSP (views/view_55472.html)</div> <div><div></div> Handle Request to Block Card (views/view_55104.html)</div> <div><div></div> Authorise Card Use by Issuer (views/view_55275.html)</div> <div><div></div> Process Token Suspension by TSP (views/view_55505.html)</div> <div><div></div> Process Token Unlink or Cancellation by TSP (views/view_55233.html)</div> <div><div></div> Process Automatic Card Renewal (views/view_54729.html)</div> <div><div></div> Process Card Collection (views/view_54910.html)</div> <div><div></div> Handle Request to Replace Card (views/view_54613.html)</div>

Service Role	Tracks and report on the status of issued devices such as cards, fobs, etc issued to customers, including device cancellation
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BIAN Life Cycle

Registration Status	Registered
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Stereotypes

stereotype	ServiceDomain
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Appears on

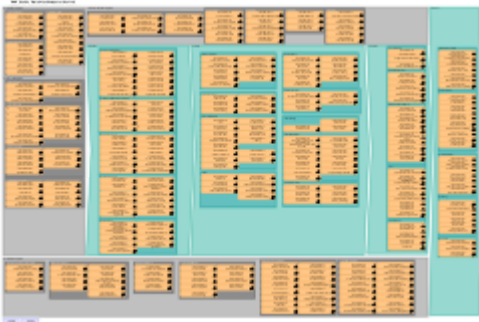
^

(views/view_50797.html)



Issued Device Tracking SD Overview

(views/view_51705.html)



BIAN Service Landscape V12.0 Value Ch...

(views/view_51891.html)



BIAN Service Landscape V12.0 Matrix Vi...

Relations

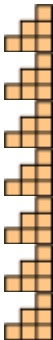


aggregated by



- Operational Services (object_25.html?object=130011)
- Wave 2 (object_25.html?object=153742)
- Wave 1 (object_25.html?object=153747)
- Operational Services (object_25.html?object=171737)

gets input
from



- Issued Device Tracking (object_20.html?object=30205)
- Issued Device Administration (object_21.html?object=30905)
- Card Transaction Capture (object_21.html?object=35397)
- Current Account (object_21.html?object=37122)
- Credit Card (object_22.html?object=40448)
- Party Authentication (object_22.html?object=40912)
- Card Authorization (object_22.html?object=44578)

is equal to





























- Issued Device Tracking (object_36.html?object=30206)

is part of



- Operational Services (object_25.html?object=130011)

realized by	 Issued Device Measurement_ Analytics Object (object_25.html?object=111041)  Issued Device State_Instantiation (object_19.html?object=218761)  Issued Device Tracking_SD_Operations (object_19.html?object=218767)  Issued Device State_Invocation (object_19.html?object=218775)  Issued Device State_Reporting (object_19.html?object=218777)  Issued Device Tracking_SD_Service Group (object_19.html?object=240125)  Issued Device (object_23.html?object=29919)  Ca BQ Capture status notification for an issued device (object_13.html?object=31621)  Up BQ Update captured internal status details for an issued device (object_13.html?object=32117)  Up BQ Update captured externally reported status details for an issued device (object_13.html?object=34049)  Ca BQ Capture external notification status details for an issued device (object_14.html?object=35348)  In CR Initiate tracking for an allocated issued device (object_14.html?object=36407)  Up CR Update details of a tracked issued device (object_15.html?object=39053)  Re CR Retrieve details about a tracked device (object_15.html?object=41428)  Co CR Control handling of a tracked allocated issued device (e.g. suspend) (object_16.html?object=45171)  Issued Device State (object_24.html?object=46189)  Re BQ Retrieve internal status notification details (object_17.html?object=48321)  Re BQ Retrieve external status notification details (object_17.html?object=48423)  Monitor (object_28.html?object=58090)
sends output to	 Issued Device Tracking (object_20.html?object=30205)  Issued Device Administration (object_21.html?object=30905)
serves	 Issued Device Management (object_6.html?object=57833)
triggered by	 Issued Device Tracking (object_20.html?object=30205)  Issued Device Administration (object_21.html?object=30905)  Credit Card (object_22.html?object=40448)  Card Authorization (object_22.html?object=44578)
triggers	 Issued Device Tracking (object_20.html?object=30205)  Issued Device Administration (object_21.html?object=30905)  Operational Gateway (object_21.html?object=32276)