Fraud Evaluation (Capability)

1. Role Definition

This service domain handles the structured execution of fraud detection tests/routines that are used to identify possible fraud by detecting out of pattern behaviors. The tests may run in-line with production or may access transaction logs as appropriate. Detected anomalies are passed for further analysis and resolution.

2. Example of Use

Example of use:

Card transactions are subjected to an array of fraud pattern test to detect 'out of pattern' behavior - anomalies are highlighted for analysis

3. Executive Summary

The service domain executes fraud behavioral pattern tests to detect possible fraudulent transactions/activity

4. Key Features ⌃

Transaction data consolidation

Fraud detection test execution

Fraud analysis/diagnosis and reporting

Documentation ⌃

Properties ⌃

Property	Value
Service Domain	
API BIAN Portal	Fraud Evaluation API (https://app.swaggerhub.com/apis/BIAN-3/FraudEvaluation/12.0.0)
Core Business Object	🟨 Fraud Evaluation (object_26.html?object=34711)
Individual Analytics	fraudCaseAssessmentAccumulators fraudCaseAssessmentActivityAnalysis fraudCaseAssessmentPerformanceAnalysis fraudCaseAssessmentTrends&Events
Portfolio Analytics	fraudCaseAssessmentPortfolioActivityAnalysis fraudCaseAssessmentPortfolioMake-UpAnalysis fraudCaseAssessmentPortfolioPerformanceAnalysis

Scenarios	
	🖥 Process Card Clearing by Issuer (views/view_55194.html)
	🖥 Authorise Card Use by Acquirer (views/view_55588.html)
	🖥 Process Card Clearing by Acquirer (views/view_55404.html)
	🖥 Handle Request for Credit Facility (views/view_55481.html)
	🖥 Handle Incoming Request for Payment at Debtor Bank (views/view_55467.html)
	🖥 Authorise Card Use by Issuer (views/view_55275.html)
	🖥 Perform Underwriting for Corporate Loan (views/view_55254.html)
	🖥 Handle Request for Payment at Creditor Bank for External Account (views/view_55356.html)
	🖥 Perform Underwriting for Syndicated Loan (views/view_55248.html)
	🖥 Perform Underwriting Light for Buy Now Pay Later (views/view_55191.html)
	🖥 Perform Underwriting for Mortgage Loan (views/view_55392.html)
	🖥 Perform Underwriting for Uncollateralised Consumer Loan (views/view_55410.html)
	🖥 Perform Underwriting for Renewal of Uncollateralised Consumer Loan (views/view_54892.html)
	🖥 Perform Underwriting for Merchandising Loan (views/view_54854.html)
	🖥 Handle Request for Outgoing Credit Transfer Related to Request to Pay at Debtor Bank (views/view_54799.html)
Service Role	Execute fraud behavior pattern scanners and threshold based transaction triggering of possible fraudulent/AML activity

BIAN Life Cycle

Registration Status	Registered

Stereotypes

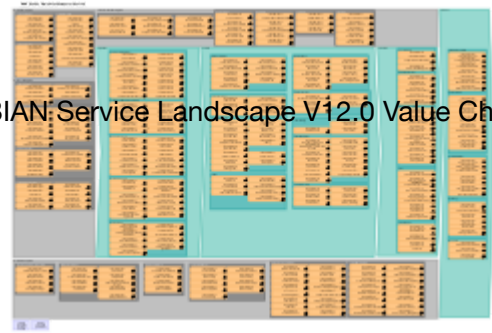|	
stereotype	ServiceDomain

Appears on ⌃
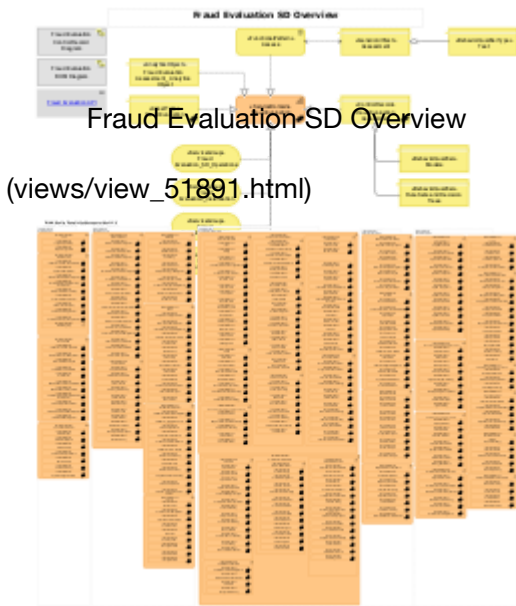
Fraud Evaluation SD Overview

(views/view_51891.html)

BIAN Service Landscape V12.0 Value Ch…

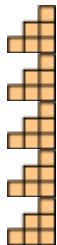BIAN Service Landscape V12.0 Matrix Vi…

Relations ︿
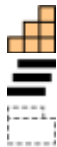
aggregated by	Account Management (object_25.html?object=130314)
	Wave 2 (object_25.html?object=153742)
	Accounting Services (object_25.html?object=171791)

gets input from	Issued Device Administration (object_21.html?object=30905)
	Card Clearing (object_21.html?object=36804)
	Card Authorization (object_22.html?object=44578)
	Underwriting (object_22.html?object=44666)
	Card Terminal Operation (object_22.html?object=45274)

is equal to	Fraud Evaluation (object_37.html?object=39640)

is part of	Account Management (object_25.html?object=130314)

realized by	Fraud Evaluation Assessment_ Analytics Object (object_25.html?object=111437)
	Fraud Evaluation_Reporting (object_18.html?object=211418)
	Fraud Evaluation_SD_Operations (object_18.html?object=211428)
	Fraud Evaluation_Invocation (object_18.html?object=211443)
	Fraud Evaluation_Instantiation (object_18.html?object=211453)
	Fraud Evaluation_SD_Service Group (object_18.html?object=238486)
	Re BQ Retrieve details about rule set or decision tree based tests applied (object_12.html?object=29072)
	Ec CR Accept, verify, reject a fraud evaluation (object_12.html?object=29238)
	Ex CR Perform an automated action to an active evaluation (e.g. upload additional data) (object_12.html?object=29871)
	Fraud Evaluation (object_23.html?object=32877)
	Rq CR Request manual intervention to an active assessment (e.g. change test make-up) (object_14.html?object=34541)
	Gr CR Obtain permission to act on/apply the assessment (if appropriate) (object_14.html?object=35345)
	Ev CR Start a fraud evaluation for a production transaction set (object_15.html?object=40585)
	Re BQ Retrieve details about model based tests applied (object_16.html?object=44459)
	Fraud Evaluation Assessment (object_24.html?object=45594)
	Re Cr Retrieve details about a fraud evaluation assessment (object_17.html?object=47906)
	Assess (object_28.html?object=58027)
sends output to	Fraud Model (object_22.html?object=41042)
serves	Fraud Incident Management (object_6.html?object=130709)
	Risk Event Management (object_6.html?object=131170)
triggered by	Payment Order (object_21.html?object=35550)
	Card Clearing (object_21.html?object=36804)
	Current Account (object_21.html?object=37122)
	Fraud Evaluation (object_22.html?object=39639)
	Credit Management (object_22.html?object=43774)
	Card Authorization (object_22.html?object=44578)
	Underwriting (object_22.html?object=44666)
	Transaction Authorization (object_23.html?object=48811)
triggers	Fraud Evaluation (object_22.html?object=39639)
	Fraud Model (object_22.html?object=41042)