Market Data Switch Operation (Capability)

1. Role Definition ⌃

This facility handles the real-time operation of the market information dissemination switch that is typically used to support trading and investment functions. It references the access entitlement to services for users maintained by the Market Data Switch Administration service domain (there can be complex rules governing access to various feeds). The dissemination mechanism/switch may support composite pages of data and interactive service requests. It may also support internally published information such as bank rates defined by the bank's treasury unit

2. Example of Use ⌃

Example of use:

A bank trader request access to a market data feed at their dealing position during a trading session

3. Executive Summary ⌃

This service domain operates the internal information distribution facility/switch in compliance with administered external subscription information feed service access rights. Note the content is retrieved by the Market Feed Operation service domain from the various external feed services. Internal information can also be published over the switch from various bank sources (such as bank rates provided by treasury).

4. Key Features ⌃

Handle access to the information provider (IP) service content

Store and forward (IP) content over the internal switch

Handle internal access to the IP content based on user access rights/requests

Publish internal content over the data switch

Documentation ⌃

Properties ⌃

Property	Value
Service Domain	
API BIAN Portal	Market Data Switch Operation API (https://app.swaggerhub.com/apis/BIAN-3/MarketDataSwitchOperation/12.0.0)
Core Business Object	🟨 Market Information Switch Session (object_25.html?object=30354)
Individual Analytics	informationFeedSwitchOperatingSessionAccumulators informationFeedSwitchOperatingSessionActivityAnalysis informationFeedSwitchOperatingSessionPerformanceAnalysis informationFeedSwitchOperatingSessionTrends&Events
Portfolio Analytics	informationFeedSwitchOperatingSessionPortfolioActivityAnalysis informationFeedSwitchOperatingSessionPortfolioMake-UpAnalysis informationFeedSwitchOperatingSessionPortfolioPerformanceAnalysis

Scenarios

- Handle Request for Windfall Investment (views/view_55037.html)
- Handle Request for Corporate Loan (views/view_55212.html)
- Handle Request for Outgoing FCY Credit Transfer via SWIFT (views/view_55095.html)
- Initiate Bank Guarantee (views/view_55496.html)
- Handle Request for Bank Guarantee (views/view_55341.html)
- Process Card Clearing by Card Network (views/view_55080.html)
- Update Letter of Credit for Extension of Validity (views/view_55579.html)
- Handle Request to Extend Validity of Letter of Credit (views/view_55634.html)
- Handle Request to Issue Letter of Credit (views/view_55618.html)
- Initiate Letter of Credit (views/view_54819.html)
- Handle Incoming FCY Credit Transfer for LCY Account (views/view_54977.html)

| Service Role | Operate the day to day information distribution facility in compliance with administered access rights and the demand and availability of subscribed information feed services. Note content is provided by the Market Feed Operation service domain for external feeds. Internal information can also be published over the channel from various content sources. |

BIAN Life Cycle

| Registration Status | Registered |

Stereotypes

stereotype	
	ServiceDomain

Appears on ⌃

(views/view_51705.html)

(views/view_51765.html)
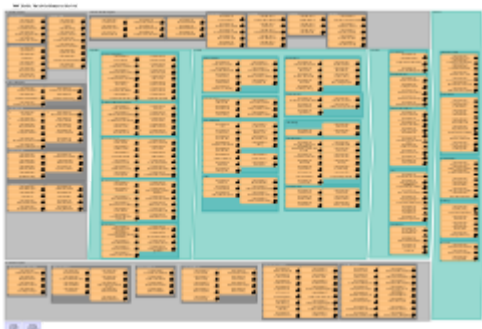
BIAN Service Landscape V12.0 Value Ch…

Market Data Switch Operation SD Overvi…

(views/view_51891.html)

BIAN Service Landscape V12.0 Matrix Vi…
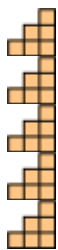
Relations

aggregated by	Market Data (object_25.html?object=129984)
	Wave 2 (object_25.html?object=153742)
	Wave 1 (object_25.html?object=153747)
	Information Providers (object_25.html?object=171719)
gets input from	Investment Portfolio Management (object_21.html?object=32159)
	Investment Portfolio Analysis (object_21.html?object=37857)
	Consumer Advisory Services (object_22.html?object=44522)
	Consumer Investments (object_22.html?object=45432)
	Investment Portfolio Planning (object_23.html?object=48534)
is equal to	Market Data Switch Operation (object_37.html?object=35660)
is part of	Market Data (object_25.html?object=129984)

|	
realized by	Information Feed Switch Operating Session_ Analytics Object (object_25.html?object=111019)
	Information Feed Switch Operating Session_Reporting (object_17.html?object=115198)
	Information Feed Switch Operating Session_Instantiation (object_17.html?object=115211)
	Market Data Switch Operation_SD_Operations (object_19.html?object=115214)
	Information Feed Switch Operating Session_Invocation (object_17.html?object=115239)
	Market Data Switch Operation_SD_Service Group (object_19.html?object=243291)
	Ec BQ Accept, reject, etc. the feed upload (object_12.html?object=28915)
	Re BQ Retrieve details about the user switch session (object_12.html?object=29247)
	Up BQ Update details for the feed upload (object_12.html?object=29304)
	Re BQ Retrieve details about the internal publication task (object_13.html?object=30261)
	Co CR Control the operating session (e.g. suspend) (object_12.html?object=33321)
	Rq CR Request manual intervention in the session (e.g. change the service make-up) (object_13.html?object=33766)
	Up CR Update details for the market data switch operating session (object_13.html?object=34076)
	Ec BQ Accept, reject, etc. the internal upload (object_14.html?object=34879)
	Re BQ Retrieve details about the feed upload activity (object_14.html?object=35273)
	Information Feed Switch Operating Session (object_24.html?object=36712)
	Up BQ Update details of internal publication (object_14.html?object=36924)
	In BQ User subscription to the switch (object_14.html?object=37154)
	Ex BQ Execute an automated action to the service (e.g. select content) (object_15.html?object=38619)
	In CR Initiate a market data switch operating session (object_16.html?object=43952)
	In BQ Initiate internal publication of information (object_16.html?object=45103)
	Information Feed Switch (object_24.html?object=47074)
	Up BQ User subscription details (object_17.html?object=47228)
	Ex CR Execute an automated task in the session (e.g. refresh data) (object_17.html?object=47246)
	Rq BQ Request manual intervention for the service (e.g. request a usage profile change) (object_17.html?object=47955)
	Re CR Retrieve details about the market data switch operating session (object_17.html?object=48585)
	Operate (object_28.html?object=58128)
serves	Market Management (object_6.html?object=63703)

triggered by
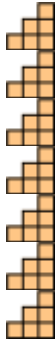
Payment Initiation (object_20.html?object=29967)

Customer Relationship Management (object_21.html?object=30437)

Corporate Current Account (object_21.html?object=34221)

Payment Order (object_21.html?object=35550)

Card Clearing (object_21.html?object=36804)

Letter of Credit (object_21.html?object=38418)

Bank Guarantee (object_22.html?object=44405)