

The Mauritius Commercial Bank Ltd

**System Interface Document**

**Core Banking - Customer Service**

**CONFIDENTIAL**

**Change History**

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| --- | --- | --- | --- | --- |
| **Revision Date** | **Revision Description** | | **Author / Editor** | |
| **Version 2** | | | | | |
| 2020-08-19 | New | Chooramun Kavish | |
|  |  |  | |
|  |  |  | |

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# Get Customer Credit Scoring Info (Core Banking)

## Version 2 – TO BE DEVELOPED

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Service Interface Description** | | | **Gets information related to Credit Scoring for a Customer.** | | |
| **Application/System hosting this Service Interface**  **(e.g. Middleware, Core Banking System)** | | | Middleware | | |
| **Service Interface Type**  **(WS, SP, View, ISO 8583, MQ, TCP Channel, HTTP Interface using POST method, File)** | | | MQ | | |
| **Service Interface Name with Version #** | | | **Core Banking - Facility Service – Get Customer Credit Scoring Info (Core Banking) – Version 2** | | |
| **Type of Processing**  **(Online, Batch) & Frequency (if batch)** | | | Online | | |
| **Consumer Application(s)/System(s):** | | | For each Consumer Application/System, provide:  **Application/System:** 🡨The consumer application/system  **Doc Ref:** 🡨 Name of document in which the integration is described  **Integration Ref with Version #:** 🡨The reference/section describing the integration in the document, together with Version #.  **Consumer Application/System #1:**  **Application/System:** Middleware (ICON)  **Doc Ref:** This document  **Integration Ref with Version #:** **Core Banking - Facility Service – Get Customer Credit Scoring Info (Middleware) – Version 2** | | |
| **Provider Service Interface(s)** | | | For each Provider Service Interface, provide:  **Application/System**: 🡨 Application/System hosting the service interface  **Interface Name with Version #:** 🡨 The name of the service interface, including its Version #.  **SID Doc Ref:** 🡨 Name of System Interface Document in which the service interface is described.  **Provider Service Interface #1:**  **Application/System:** Core Banking (T24)  **Interface Name with Version #: T24 Enquiry E.CREDIT.SCORE.2.MCB.MU** 🡨 Note the version # in the name  **SID Doc Ref:** | | |
| **Processing Required** | | | | | |
| |  | | --- | | Refer to sections “Input Data” and “Output Data” below for a description of this service interface.  For more details on the rules, please refer to description of Provider Service Interface(s).  Output processing:   1. If there is any connection issue with T24    1. Set *ReturnCode* in **ResponseStatus to** -1    2. Set *ErrorMsg* in **ResponseStatus** to “Timeout from backend” 2. For successful calls from T24:    1. Set *ReturnCode* in **ResponseStatus** to **RETURN.CODE** value from T24 response    2. Set *ErrorMsg* in **ResponseStatus** to **ERROR.MSG** value from T24 response    3. Set *Code* in **Exception** to **RETURN.CODE** value from T24 response    4. Set *Msg* in **Exception** to **ERROR.MSG** value from T24 response |   Refer to sections “**Input Data**” and “**Output Data**” below for a description of this service interface.  For more details on the rules, please refer to documentation of Provider Service Interface(s). | | | | | |
| **Input Data** | | | | | |
| **Level** | **Data Item** | **Occurs** | **Data Type** | **Rules (contents and any formatting cnnrequirements)** |
| **0** | **Individual\_Maintenance\_V2\_Req** | **1** |  |  |
|  |  |  |  |  |
| **1** | **Inputter** | **1** |  |  |
| 2 | Inputter\_User\_Id | 0..1 | String |  |
| 2 | Inputter\_Bu\_Code | 0..1 | String |  |
|  |  |  |  |  |
| 1 | Auth\_UserId | 0..1 | String |  |
|  |  |  |  |  |
| **1** | **Requestor** | **1** |  |  |
| 2 | Channel\_Id | 1 | String |  |
| 2 | Channel\_Req\_Id | 1 | String |  |
|  |  |  |  |  |
| **1** | **Product\_Msg\_Type** | **1** |  |  |
| 2 | Product\_Id | 1 | String |  |
| 2 | Msg\_Type | 1 | String |  |
|  |  |  |  |  |
| 1 | Posting\_Mode | 1 | String |  |
|  |  |  |  |  |
| 1 | Cust\_No | 0..1 | String |  |
|  |  |  |  |  |
| **1** | **Obra\_Info** | **0..1** |  |  |
| 2 | Onbrd\_Mthd\_Mcb | 0..1 | String |  |
| 2 | Obra\_Comm\_Mcb | 1 | String |  |
| 2 | Obra\_Score\_Mcb | 1 | String |  |
|  |  |  |  |  |
| **1** | **Tran\_Data** | **0..1** |  |  |
| 2 | Short\_Name | 0..1 | String |  |
| 2 | Trade\_Name | 0..1 | String |  |
| 2 | Narrative | 0..1 | String |  |
| **2** | **Name** | **0..1** | **String** |  |
| 3 | Title | 0..1 | String |  |
| 3 | Given\_Names | 0..1 | String |  |
| 3 | Maiden\_Name | 0..1 | String |  |
|  |  |  |  |  |
| **2** | **Other** | **0..1** |  |  |
| 3 | Date\_Of\_Birth | 0..1 | String |  |
| 3 | Gender | 0..1 | String |  |
| 3 | Marital\_Status | 0..1 | String |  |
| 3 | No\_Of\_Dependents | 0..1 | String |  |
| 3 | Country\_Birth | 0..1 | String |  |
|  |  |  |  |  |
| 2 | Education\_Level | 0..1 | String |  |
|  |  |  |  |  |
| **2** | **Occupation\_Info** | **0..1** |  |  |
| 3 | Employed\_By | 0..1 |  |  |
| **3** | **Unemp.Details** | **0..1** |  |  |
| 4 | Ue\_Typ\_Mcb | 1 |  |  |
| 4 | Ue\_Typ\_Oth\_Mcb | 0..1 |  |  |
| **3** | **Occupation** |  |  |  |
| 4 | Job\_Description | 1 | String |  |
| 4 | Working\_Contract | 0..1 | String |  |
| **4** | **Occupations** | **1..\*** |  |  |
| 5 | Occupation\_Id | 1 | String |  |
| 5 | Employers\_Buss | 0..1 | String |  |
| **5** | **Employment** | **0..1** |  |  |
| 6 | Employers\_Name | 0..1 | String |  |
| 6 | Employment\_Start | 1 | String |  |
| **6** | **Income\_Info** | **1** |  |  |
| 7 | Salary\_Date\_Freq | 1 | String |  |
| 7 | Customer\_Currency | 1 | String |  |
| 7 | Salary | 1 | String |  |
|  |  |  |  |  |
| **2** | **Source\_Of\_Income\_Info** | **0..1** |  |  |
| 3 | Pur\_Of\_Rel\_Mcb | 1 | String |  |
| 3 | Pur\_Rel\_Desc\_Mcb | 1 | String |  |
| **3** | **Src\_Of\_Incomes** | **1..\*** |  |  |
| 4 | Income\_Src\_Mcb | 1 | String |  |
| 4 | Income\_Oth\_Mcb | 1 | String |  |
| 4 | Income\_Ccy\_Mcb | 1 | String |  |
| 4 | Income\_Amt\_Mcb | 1 | String |  |
| 4 | Income\_Fqu\_Mcb | 1 | String |  |
| 4 | Income\_End\_Mcb | 1 | String |  |
|  |  |  |  |  |
| **2** | **Cust\_Status\_Info** | **1** |  |  |
| 3 | Is\_Kyced | 1 | String |  |
| **3** | **Info\_Markers** | **1..\*** |  |  |
| 4 | Cu\_Info\_Marker | 1 | String |  |
| 4 | Cu\_Info\_Comment | 0..1 | String |  |
| 4 | Info\_End\_Date | 0..1 | String |  |
|  |  |  |  |  |
| **2** | **Contact\_Info** | **0..1** |  |  |
| 3 | Language | 0..1 | String |  |
| 3 | Comm\_Channel | 0..1 | String |  |
| **3** | **Phones** | **1..\*** |  |  |
| 4 | Phone\_1 | 1 | String |  |
| **3** | **Off\_Phones** | **1..\*** |  |  |
| 4 | Off\_Phone | 1 |  |  |
| **3** | **Fax** | **1..\*** |  |  |
| 4 | Fax\_1 | 1 |  |  |
| **3** | **Sms** | **1** |  |  |
| 4 | Mobile\_Operator | 1 |  |  |
| **4** | **Sms\_List** | **1..\*** |  |  |
| 5 | Sms\_1 | 1 |  |  |
| **3** | **Emails** | **1..\*** |  |  |
| 4 | Email\_1 | 0..1 | String |  |
|  |  |  |  |  |
| **2** | **Legal\_Infos** | **1..\*** |  |  |
| 3 | Legal\_Id | 1 | String |  |
| 3 | Legal\_Doc\_Name | 1 | String |  |
| 3 | Legal\_Iss\_Auth | 1 | String |  |
| 3 | Legal\_Iss\_Date | 1 | String |  |
| 3 | Legal-Exp\_Date | 1 | String |  |
|  |  |  |  |  |
| **2** | **Customer\_Segment\_Info** | **0..1** |  |  |
| 3 | Target | 1 |  |  |
|  |  |  |  |  |
| **2** | **Country\_Info** | **1** |  |  |
| **3** | **Nationality\_Info** | **0..1** |  |  |
| 4 | Nationality | 1 | String |  |
| **4** | **Other\_Nationalities** | **1..\*** |  |  |
| 5 | Other\_Nationality | 1 | String |  |
| **3** | **Residence\_Info** | **0..1** |  |  |
| 4 | Residence | 1 | String |  |
| 4 | Residence\_Since\_Date | 1 | String |  |
| 4 | Residence\_Status | 1 | String |  |
| **3** | **Permit\_Info** | **0..1** |  |  |
| 4 | Work\_Pmtflg\_Mcb | 1 | String |  |
| **4** | **Permit\_Details** | **0..1** |  |  |
| 5 | Permit\_Ref\_Mcb | 1 | String |  |
| 5 | Permit\_Pmtnat\_Mcb | 1 | String |  |
| 5 | Work\_Pmtnat\_Mcb | 1 | String |  |
| 5 | Work\_Pmtst\_Mcb | 1 | String |  |
| 5 | Work\_Pmtexp\_Mcb | 1 | String |  |
|  |  |  |  |  |
| **2** | **Tax\_Regimes** | **1..\*** |  |  |
| 3 | Country\_Tax\_Mcb | 1 | String |  |
| 3 | Recalcitrant\_Mcb | 0..1 | String |  |
| 3 | Tax\_Class\_Mcb | 0..1 | String |  |
| 3 | Tax\_Report\_Mcb | 0..1 | String |  |
| 3 | Tax\_Number\_Mcb | 0..1 | String |  |
| 3 | Taxable\_Mcb | 0..1 | String |  |
|  |  |  |  |  |
| **2** | **Kyc\_Address** | **0..1** |  |  |
| 3 | Street\_Addr | 1 | String |  |
| 3 | Address\_Line2 | 1 | String |  |
| 3 | Address\_Line3 | 1 | String |  |
| 3 | Town\_Country | 1 | String |  |
| 3 | Post\_Code | 1 | String |  |
| 3 | Country\_Code | 1 | String |  |
| 3 | Despatch\_Code | 1 | String |  |
|  |  |  |  |  |
| **2** | **Bank\_Officers** | **0..1** |  |  |
| 3 | Ao\_Sign\_On | 1 | String |  |
| 3 | Alt\_Ao\_Sign\_On | 1 | String |  |
|  |  |  |  |  |
| **Output Data** | | | | | |
| **Level** | **Data Item** | **Occurs** | **Data Type** | **Rules (contents and any formatting requirements)** |
| **0** | **ResponseStatus** | 1 |  |  |
| 1 | ReturnCode | 1 | String |  |
| 1 | ErrorMsg | 0..1 | String |  |
|  |  |  |  |  |
| 0 | **ResponseData** | 0..1 |  |  |
| 1 | **Exception** | 0..1 |  |  |
| 2 | Code | 1 | String |  |
| 2 | Msg | 1 | String |  |
|  |  |  |  |  |
| **1** | **Individual\_Maintenance\_V2\_Resp** | **1** |  |  |
| 2 | Ofs\_Response\_Code | 1 |  |  |
| **2** | **Ofs\_Error\_Messages** | **1..\*** |  |  |
| 3 | Ofs\_Error\_Message | 1 | String |  |
| 2 | Id | 1 | String |  |
| 2 | Record\_Status | 1 | String |  |
| 2 | Tran |  |  |  |
| 3 | Tran\_Id | 1 | String |  |
| 3 | Tran\_Record\_Status | 1 | String |  |
| **3** | **Tran\_Overrides** | **1..\*** |  |  |
| 4 | Override\_Id | 0..1 | String |  |
| 4 | Override | 1 | String |  |
| 4 | Override\_flag | 0..1 | String |  |