#### Request for change

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| Title Change Request | Import Lebara NOV 2011 Topup History |

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| Name: | Alex Schievink |
| Company: | ET |
| Phone: | +31632000380 |
| Email: | [alex.schievink@elephanttalk.com](mailto:alex.schievink@elephanttalk.com) |
| Date: | 23/11/2011 |
| Requested time frame | 23/11/2011 - 24/11/2011 |
| Approved by: |  |

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| Effect on which countries | Spain CRM 2.6 |  |
| Impact on services | NONE | There will be no service outage |
| Impact on other network elements/applications | NO |  |

Risk Classification on outage / service disruption

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|  | High |
|  | Medium |
|  | Low |
| X | None |

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| Proposed Change Description and References |
| During the lebara migration the topups from the month of November were not imported.  This process corrects that and imports that data into the CRM database. |

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| Justification |
| Lebara customers would like to see all the topups they made in the 3 months before the migration |

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| Impact of Not Implementing Proposed Change |
| Lebara customers will not all the topups they made in the 3 months before the migration |

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| Implementation |
| Inserting large amounts of data (803K rows) into the topup table would cause locking and block topups during the insert.  To prevent this we will insert the rows in small batches of 10-50K rows. This will lock only 2-3 seconds per execution, so during the inserts topups will be slightly slower, but still well within the timeout of 30 seconds. So with the incremental technique NO topups will timeout.  A staging table with all the NOV topups has been prepared already:  SELECT ( SELECT MAX(id)  FROM dbo.CRM\_MVNO\_TOPUP\_HISTORY th WITH ( NOLOCK )  WHERE id LIKE '108%'  ) + ROW\_NUMBER() OVER ( ORDER BY a.fec\_estado ) AS ID ,  --IDENTITY( BIGINT,1990000000000010398,1 ) AS ID ,  700000 AS DEALERID ,  CONVERT(BIGINT, a.COD\_OPERACION) AS OPERATIONCODE ,  A.COD\_OPERACION AS REFERENCECODE ,  '34' + A.MSISDN COLLATE Latin1\_General\_CI\_AI AS MSISDN ,  DBO.UDF\_GET\_TOPUPTYPE(A.COD\_T\_OPERACION) AS TOPUPTYPE ,  A.PIN ,  DBO.UDF\_GET\_TOPUPSTATUS(A.COD\_ESTADO) AS TOPUPSTATUS ,  A.FEC\_ESTADO AS STATUSDATE ,  A.IMPORTE AS AMOUNT ,  978 AS CURRENCYID ,  3 AS TAXCODE ,  0 AS PREOPERATIONCODE ,  0 AS PREBALANCE ,  A.MOTIVO AS OPERATIONCAUSE ,  A.DES\_MOTIVO REMARK ,  1 AS USED ,  A.FEC\_ESTADO USEDTIME ,  '' AS PAYMENTCARDNUMBER ,  '' AS EXPIRATIONDATE ,  0 AS AMOUNTWITHTAX ,  1310000146 AS USERID ,  ( SELECT TOP 1  CUSTOMERID  FROM CRM\_CUSTOMERS\_RESOURCEMB WITH ( NOLOCK )  WHERE RESOURCE COLLATE database\_default = A.MSISDN COLLATE database\_default  AND STATUSID <> 20  ) AS CUSTOMERID  ,A.PIN AS [VCENCRYPT]  INTO CRM\_MVNO\_TOPUP\_HISTORY\_LEBARA\_201111  FROM CRM25\_WORKNEW.dbo.VF\_TOPUP\_FIRST\_BAK A WITH ( NOLOCK )  LEFT JOIN CRM25\_WORKNEW..VF\_ENCRYPT\_VOUCHERCODE B WITH ( NOLOCK ) ON A.PIN=B.PIN ---this is encrypte PIN temp table  WHERE A.FEC\_ESTADO > '2011-11-01'  ALTER TABLE CRM\_MVNO\_TOPUP\_HISTORY\_LEBARA\_201111 ALTER COLUMN id BIGINT NOT NULL  ALTER TABLE CRM\_MVNO\_TOPUP\_HISTORY\_LEBARA\_201111 ADD CONSTRAINT PK\_CRM\_MVNO\_TOPUP\_HISTORY\_LEBARA\_201111 PRIMARY KEY ( ID )  Now the only thing remaining is the repeated execution of the following command until all topups have been inserted:  MERGE INTO CRM\_MVNO\_TOPUP\_HISTORY AS target  USING  ( SELECT TOP 10  n.\*  FROM CRM\_MVNO\_TOPUP\_HISTORY\_LEBARA\_201111 n WITH ( NOLOCK )  LEFT OUTER JOIN CRM\_MVNO\_TOPUP\_HISTORY o WITH ( NOLOCK ) ON o.id = n.ID  WHERE o.id IS NULL  ) AS source  ON ( source.id = target.id )  WHEN NOT MATCHED  THEN  INSERT (  ID ,  DEALERID ,  OPERATIONCODE ,  REFERENCECODE ,  MSISDN ,  TOPUPTYPE ,  PIN ,  STATUS ,  STATUSDATE ,  AMOUNT ,  CURRENCYID ,  TAXCODE ,  PREOPERATIONCODE ,  PREBALANCE ,  OPERATIONCAUSE ,  REMARK ,  Used ,  UsedTime ,  PAYMENTCARDNUMBER ,  EXPIRATIONDATE ,  AMOUNTWITHTAX ,  UserID ,  CustomerID,  VCENCRYPT  ) VALUES  ( source.ID ,  source.DEALERID ,  source.OPERATIONCODE ,  source.REFERENCECODE ,  source.MSISDN ,  source.TOPUPTYPE ,  source.PIN ,  source.TOPUPSTATUS ,  source.STATUSDATE ,  source.AMOUNT ,  source.CURRENCYID ,  source.TAXCODE ,  source.PREOPERATIONCODE ,  source.PREBALANCE ,  source.OPERATIONCAUSE ,  source.REMARK ,  source.Used ,  source.UsedTime ,  source.PAYMENTCARDNUMBER ,  source.EXPIRATIONDATE ,  source.AMOUNTWITHTAX ,  source.UserID ,  source.CustomerID ,  source.vcEncrypt  ) ; |

*Send this form completely filled to* [*changedesk@elephanttalk.com*](mailto:changedesk@elephanttalk.com)

*Regular changes to be send 6 days in advance of the proposed change date.*

*Emergency changes only with approval of Martin and in Spain also from Vodafone.*

# REALISATION

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| Report |
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| Did change Impact on services | NO | If yes, which Duration: |
| Did change impact on other network elements/applications | NO | If yes, which |

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| Actual time frame | dd/mm/yyyy - hh:mi until hh:mi duration : hh:mi |

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| Tested? |  |

# To be filled by Elephant Talk

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| Date received: |  |
| Impact by: |  |
| Decision by: |  |
| Decision date: |  |
| Decision: |  |
| Reason: |  |

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| Approved Change Timeframe |  |