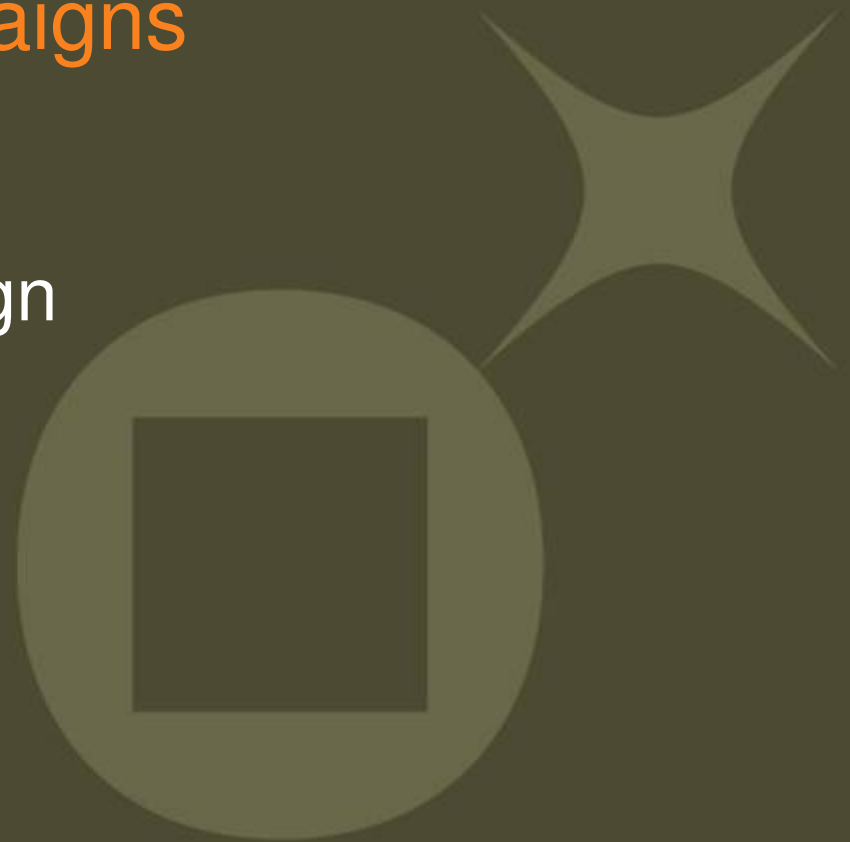




# Business booster Optimize OTA Campaigns

Managing XCT Campaign



# Campaign overview

## Types

OTA manager offers 2 different types of campaigns

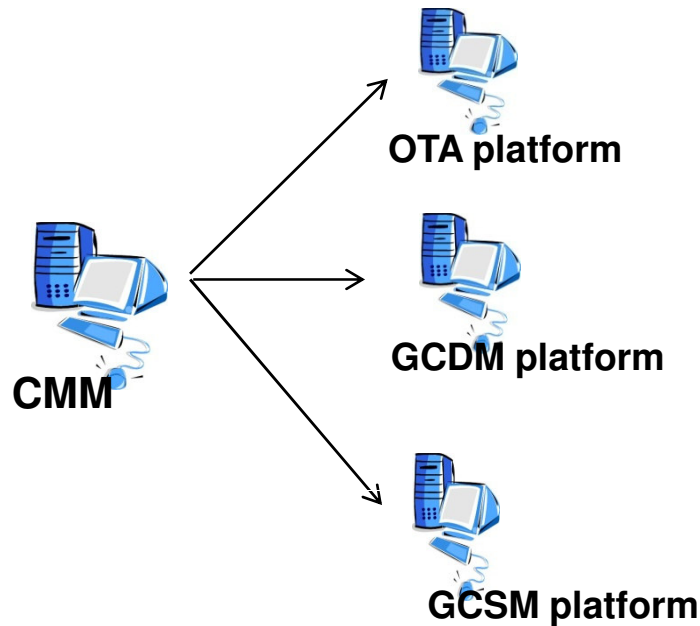
Criteria	CMM campaign	XCT campaign
Campaign must run very fast	Not optimal	Strongly recommended
Campaign targets huge number of cards	Not optimal	Strongly recommended
Multiple-services campaign	Possible	Possible
Run several campaigns simultaneously	Mandatory	Not possible
SIM card content check required before sending	Mandatory	Possible with restrict. <sup>(1)</sup>
Card detailed record required for billing	Mandatory	Not possible
Use SMSC or TRANS mode	Mandatory	Not possible <sup>(2)</sup>
Use a channel driver other than SMPP/CMG/Nokia	Mandatory	Not possible <sup>(3)</sup>

*(1) It is not possible to perform a card content check for individual card (➔ Check is performed at the card profile level)*

*(2) Only MT mode is supported*

*(3) Only SMPP, CMG and Nokia drivers are supported*

# Campaign Engines and Registered Products



- Send SMS
- Update/Activate XXX
- Create/Delete/Download/Lock/Unlock Applets/Packages/Instances
- Audit XXX
- Generic Card Update

- SMS Provisioning

- Activate/Deactivate/Install/Remove/Update Page/Service
- AutoSychro
- Check XXX
- Audit
- Passthru
- Refresh/Unlock Service Content
- Switch Portal

- Send SMS
- Update/Activate XXX
- Create/Delete/Download/Lock/Unlock Applets/Packages/Instances
- Audit XXX
- Generic Card Update

## Campaign Engines and Registered Products Rules

- ✦ A CMM scenario is able to use ONLY services from ONE registered products, either:
  - RCA
  - GCDM
  - GCSM
- ✦ A XCT scenario can use services from it's own list, meaning:
  - ALL RCA services
- ✦ No GCDM/GCSM Services available with XCT

# Campaign Main steps



## ① Scenario

Consist on defining the list of the different Services to submit over the Air

*Example :*

- ✓ **Service 1** : Submit a SMS Text to inform the subscr. that his Card is going to be updated
- ✓ **Service 2** : Submit the Update of the file
- ✓ **Service 3** : Submit a SMS Text to inform the subscriber that his Card is now updated



## ② Target

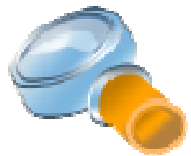
Consist on defining the list of the (U)SIM cards to target



## ③ Campaign definition

Consist on defining

- ✓ The scenario to be used
- ✓ The transport protocol
- ✓ The target
- ✓ the campaign schedule

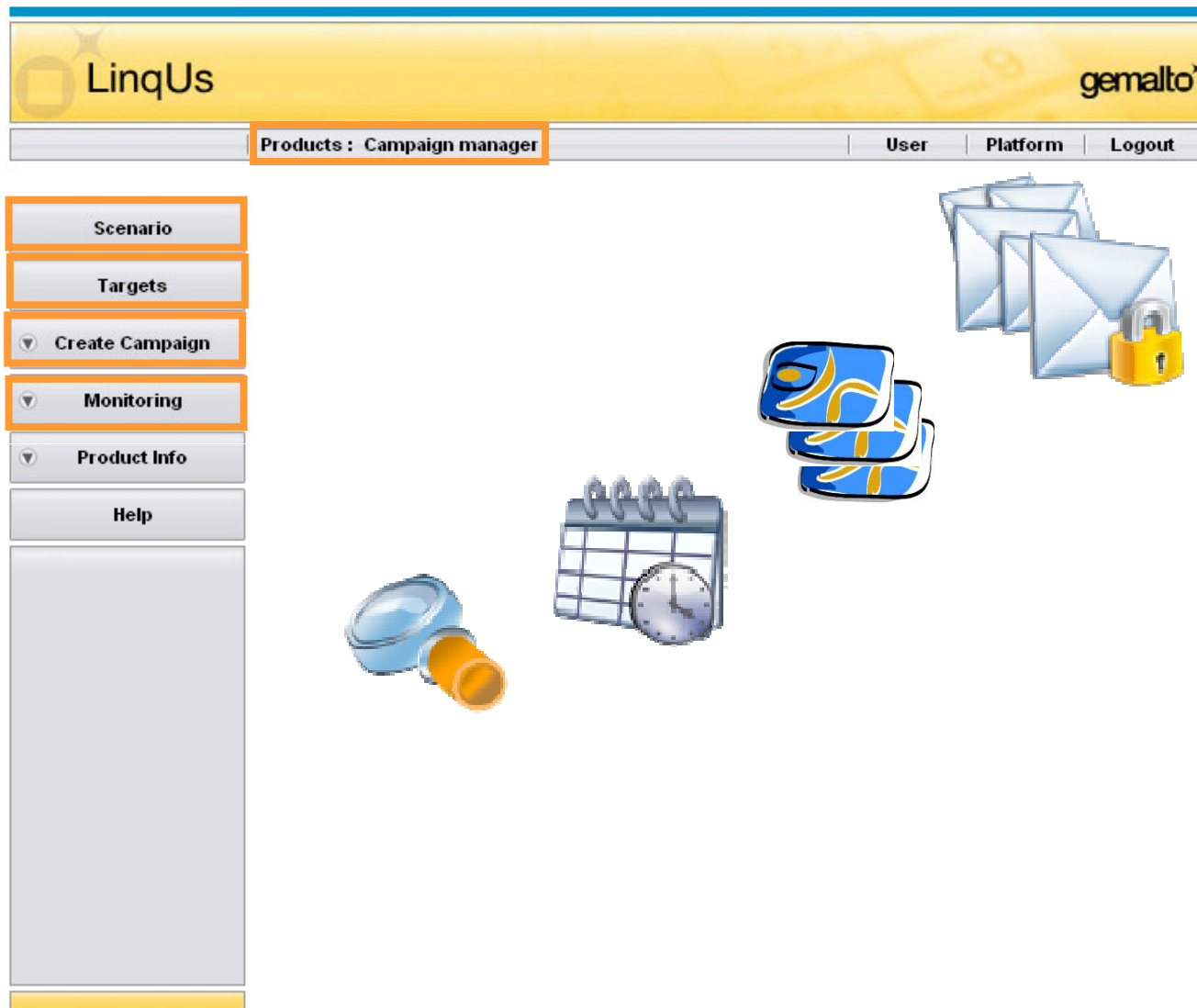


## ④ Monitoring

Consist on

- ✓ **To verify** the right execution of the sending
- ✓ **To analyze** the status of the campaign
- ✓ **To schedule** a new campaign based on a existing one
- ✓ **To export** the result of a campaign

# Campaign Main steps



# Campaign

## Step 1 – Scenario 1/3



LinqUs

Products : Campaign manager

User

Platform

Logout

gemalto<sup>x</sup>

Scenario

Targets

Create Campaign

Monitoring

Product Info

Help

Scenario list

Name	Engine	Product(s)	State
Update_SPN_Gemalto	CMM	RCA1	UNUSED
Update_1_ADN_record_XCT	XCT	OTAXCT	UNUSED
Update_ADN_record_XCT_2SMS	XCT	OTAXCT	UNUSED

View ...

Update ...

Copy ...

Create ...

Delete

} Existing scenario

By a campaign

*You can only update or delete a scenario that has a **UNUSED** status.*

# Campaign

## Step 1 – Scenario 2/3



LinqUs gemalto<sup>x</sup>

Products : Campaign manager | User | Platform | Logout

Scenario

Targets

▼ Create Campaign

▼ Monitoring

▼ Product Info

Help

Create a new scenario

Name

Service list

View service ...

Add service ...

Update service ...

Delete service

Move Up Move Down

Service list [Update\_SPN\_Gemalto]

Product

Service name

Add service ...

Update Service Provider Name (SPN)

Display PLMN required \* ☒ Display SPN required \* ☒ Registered provider name \*

Billing information

- ✓ No space
- ✓ No “-”
- ✓ No special characters

Select XCT

See main services description in the “Submitting and Monitoring a Request” memo



# Campaign

## Step 1 – Scenario 3/3



Products : Campaign managerUserPlatformLogout

Scenario

Targets

▼ Create Campaign

▼ Monitoring

▼ Product Info

Help

Create a new scenario?

NameUpdate\_SPN\_Gemalto

Service list

1	Update SPN 2G	CMM/RCA1
2	Send SMS Text	CMM/RCA1

View service ...

Add service ...

Update service ...

Delete service

Move Up

Move Down

Back

Validate

# Campaign

## Step 2 – Target 1/4



LinqUs

gemalto<sup>×</sup>

Products : Campaign manager

UserPlatformLogout

Scenario

**Targets**

Create Campaign

Monitoring

Product Info

Help

Targets

Upload a target file to server

Browse...Upload

Generate a target file for product

RCA1Generate ...

Target file list

10000\_GXX\_v3.2\_128K.target

100\_GX98\_16K.target

10\_GXX\_v3.2\_128K.target

1\_GXX\_v3.2\_0602000098.target

1\_GXX\_v3.2\_128K.target

DownloadDelete

# Campaign

## Step 2 – Target 2/4



by general criteria    by applet criteria

**Generate target file from Card Manager** ?

Expression formulation

MSISDN number    =        Add Expression

Expression searched

MSISDN number = 0602\*

AND    Modify

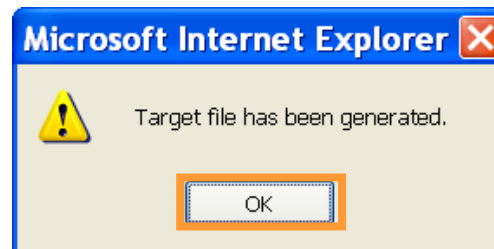
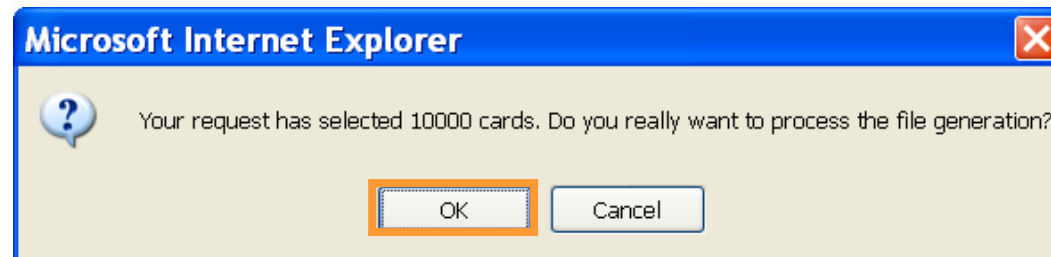
Remove

File Name    MSISDN\_0602.target    Create target file

Close

Create a query in order to select your target(s) by using the following criteria

- ✓ MSISDN
- ✓ Serial number (ICCID)
- ✓ IMSI
- ✓ Card state (Active/Not active)
- ✓ Card profile (2G, 3G, ...)
- ✓ Card Group Id (See “Group management” memo)
- ✓ Creation date
- ✓ Last modification date



# Campaign

## Step 2 – Target 3/4



LinqUs

Products : Campaign manager

User

Platform

Logout

Scenario

Targets

Create Campaign

Monitoring

Product info

Help

Targets

Upload a target file to server

Generate a target file for product

OTAXCT

Target file list

10000\_GXX\_v3.2\_128K.target

100\_GX98\_16K.target

10\_GXX\_v3.2\_128K.target

1\_GXX\_v3.2\_0602000098.target

1\_GXX\_v3.2\_128K.target

MSISDN\_0602.target

Download

Delete

# Campaign

## Step 2 – Target 4/4



Target files can be also manually created and saved into a text file

MSISDN\_20\_Cards.target

```
TARGET_TYPE=SIMCARD
TARGET_ID_TYPE=MSISDN
0602000000
0602000001
0602000002
0602000003
0602000004
0602000005
0602000006
0602000007
0602000008
0602000009
0602000010
0602000011
0602000012
0602000013
0602000014
0602000015
0602000016
0602000017
0602000018
0602000019
```

LinqUs

Products : Campaign manager

User Platform Logout

Scenario

Targets

Create Campaign

Monitoring

Product Info

Help

Targets

Upload a target file to server

Browse... Upload

Generate a target file for product

OTAXCT Generate ...

Target file list

- 10000\_GXX\_v3.2\_128K.target
- 100\_GX98\_16K.target
- 10\_GXX\_v3.2\_128K.target
- 1\_GXX\_v3.2\_0602000098.target
- 1\_GXX\_v3.2\_128K.target
- MSISDN\_0602.target
- MSISDN\_20\_Cards.target**

Download Delete

# Campaign

## Step 3 – Create campaign



LinqUs gemalto<sup>×</sup>

---

Products : Campaign manager      User      Platform      Logout

Scenario

Targets

**▼ Create Campaign**

    ▶ New

    Duplicate

▼ Monitoring

▼ Product Info

Help

Create a new campaign - Scenario selection ?

Name ^

Scenario ^

Name	Engine	Product(s)	State
Update_SPN_RCA_Gemalto	CMM	RCA1	UNUSED
Update_1_ADN_record_XCT	XCT	OTAXCT	UNUSED
Update_ADN_record_XCT_2SMS	XCT	OTAXCT	UNUSED

Select 1 XCT scenario

Next

# Campaign

## Step 3 – Create campaign – XCT 1/10



LinqUs

Products : Campaign manager

User

Platform

Logout

Scenario

Targets

Create Campaign

New Duplicate

Monitoring

Product Info

Help

Create a new campaign - Scenario selection

Name ^

Scenario ^

Name	Engine	Product(s)	State
Update_SPN_RCA_Gemalto	CMM	RCA1	IN USE
Update_1_ADN_record_XCT	XCT	OTAXCT	UNUSED
Update_ADN_record_XCT_2SMS	XCT	OTAXCT	UNUSED
Update_SPN_XCT_Gemalto	XCT	OTAXCT	UNUSED

Next

# Campaign

## Step 3 – Create campaign – XCT 2/10



Create a new campaign - XCT parameters definition

Validity period: 0 days 0 hours 10 minutes 0 seconds

Grace period: 3600 seconds

Grace period for PoR: 900 seconds

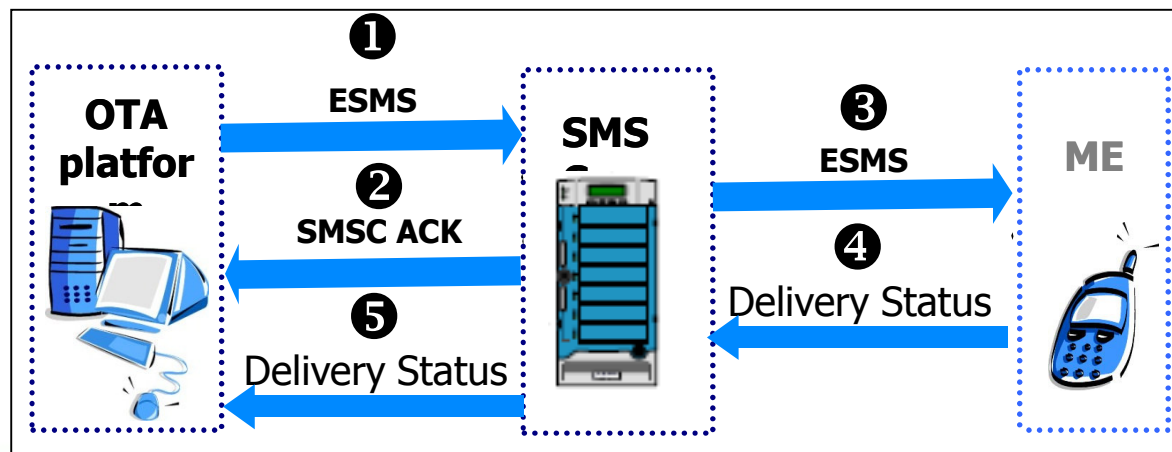
Maximum number of retries: 0 times

Retry delay: 3600 seconds

Back Next

Specifies the **SMSC expiration time**, after which an invocation is **discarded** if it has **not been delivered** to the destination (④).

**Grace period** is the time that **XCT** waits for a **Delivery Status** (⑤) response message **after the validity period** has expired before **assigning a final status** code to an invocation (*Recommended value in SMSC mode: From 1 up to 4h*).





# Campaign

## Step 3 – Create campaign – XCT 3/10



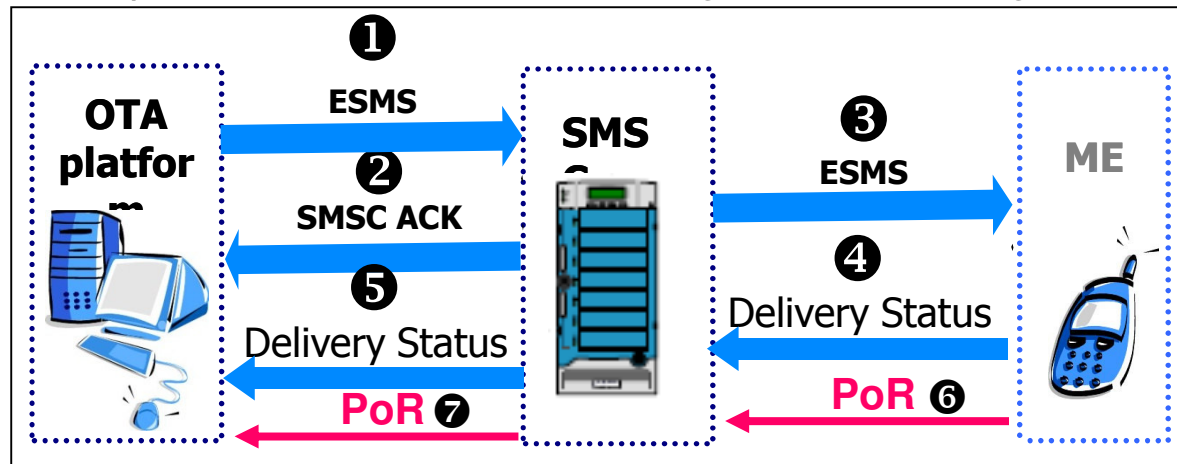
Create a new campaign - XCT parameters definition

Validity period	0 days	0 hours	10 minutes	0 seconds
Grace period	3600 seconds			
Grace period for PoR	900 seconds			
Maximum number of retries	0 times			
Retry delay	3600 seconds			

Back Next

**Grace Period for PoR** is the period of time to wait after expiration of the **validity period** for a **PoR** (7) to arrive before assigning a **final status code** to the invocation. (Recommended value in **SMSC mode**: 10mn).

The **Maximum number of retries** is the number of times that XCT resends messages that could not be delivered. when in **SMSC mode**, the parameter should always be set to zero. The **Retry delay** is the period of time before resending a failed message.



**Delivery Status (DS):** Send by the card at the end of the *reception* of each SMS

**Proof of Receipt (PoR):** Send by the card at the *end* of each *service execution*

# Campaign

## Step 3 – Create campaign – XCT 4/10



In order to define your targets, you can:

**Create a new campaign - Target set selection**

Target File	Number of targets
10000_GXX_v3.2_128K.target	10000
100_GX98_16K.target	100
10_GXX_v3.2_128K.target	10
1_GXX_v3.2_0602000098.target	1
1_GXX_v3.2_128K.target	1
MSISDN_0602000.target	1000
<b>MSISDN_20_Cards.target</b>	<b>20</b>

Target set name:  **Add** **Delete**

Target Set File	Target set name	Number of targets
MSISDN_20_Cards.target	MSISDN_20_Cards	20

Total number of targets to add:

**More target files** **Back** **Next**

Select existing target file(s)...

... and/or create new target file(s)...

# Campaign

## Step 3 – Create campaign – XCT 5/10



Same interface  
to the one who is  
available in the  
Target menu

**LinqUs** **gemalto**

Products : Campaign manager User Platform Logout

**Scenario**

**Targets**

**Create Campaign**

New Duplicate

**Monitoring**

**Product Info**

**Help**

**Create a new campaign - Target set selection**

Target File	Number of targets
10000_GXX_v3.2_128K.target	10000
100_GX98_16K.target	100
10_GXX_v3.2_128K.target	10
1_GXX_v3.2_0602000098.target	1
1_GXX_v3.2_128K.target	1
MSISDN_0602000.target	1000
MSISDN_20_Cards.target	20

Target set name  Add Delete

Target Set File	Target set name	Number of targets
MSISDN_20_Cards.target	MSISDN_20_Cards	20

Total number of targets to add

Hide Back Next

**Targets File Management**

Generate a target file for product

OTAXCT Generate ...

Upload a target file to server

Browse... Upload

# Campaign

## Step 3 – Create campaign – XCT 6/10



**LinqUs** gemalto<sup>x</sup>

Products : Campaign manager    User    Platform    Logout

Scenario

Targets

▼ Create Campaign

► New Duplicate

▼ Monitoring

▼ Product Info

Help

**Create a new campaign - Planning definition :**  
[Update\_SPN\_XCT\_Gemalto\_1]

Scheduling Information

Start date ^

End date

Services legend

1	Preprocessing	Red
2	Sending	Blue
3	Postprocessing	Green

Planning Template

24-24-24

Granularity: Hour

Name:

Load Save Update Delete

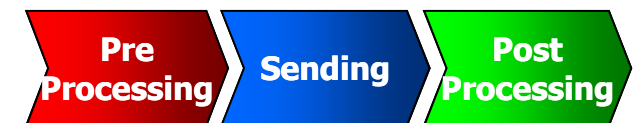
Daily time information

	Monday	Tuesday	Wednes.	Thursday	Friday	Saturday	Sunday
Time	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
00h00							
01h00							
02h00							
03h00							
04h00							
05h00							
06h00							
07h00							
08h00							

✓ Define the start date

✓ The ending date can be define later via the monitoring window.

**XCT sequence of operations**



# Campaign

## Step 3 – Create campaign – XCT 7/10



### XCT sequence of operations



#### ★ Objective : Prepare and store the message to be sent

- Check compatibility between services and card possibilities
- Format the messages and store them in the XCT with the status READY\_FOR\_SEND
- Prepare the result card content and compute the final synchro counter value



#### ★ Objective : Use a much as possible of the available bandwidth

- Send all SMS in MT mode, receipt all returned status (Submit response and Delivery response) and POR.



#### ★ Objective : Finalize the card processing

- ✓ Update card content and update synchro counter
- ✓ Unlock locked cards if locked,

# Campaign

## Step 3 – Create campaign – XCT 8/10



Start date <sup>\*</sup>

End date

1 Preprocessing ■ 24-24-24

2 Sending ■

3 Postprocessing ■

Granularity: Hour ▼

Name

Daily time information

Clear	Monday	Tuesday	Wednes.	Thursday	Friday	Saturday	Sunday
Time	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
00h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
01h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
02h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
03h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
04h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
05h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
06h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
07h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
08h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
09h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
10h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
11h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
12h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
13h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
14h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
15h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
16h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
17h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
18h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
19h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
20h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■
21h00	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■

**You can save your schedule into a template in order to use it again on for next campaigns**

**Define when each XCT sequences can be processed by the platform**

# Campaign

## Step 3 – Create campaign – XCT 9/10



Check that your XCT campaign is ready to be launched

LinqUs

gemalto<sup>x</sup>

Products : Campaign manager

UserPlatformLogout

Scenario

Targets

Create Campaign

- New
- Duplicate

Monitoring

Product Info

Help

Create a new campaign - Confirmation?

NameUpdate\_SPN\_XCT\_Gemalto\_1

Start date5 Nov 2007 14:14:13

Total hours per week per phase

Day	Preprocessing	Sending	Postprocessing
Monday	12	12	12
Tuesday	8	8	8
Wednesday	8	7	7
Thursday	8	7	7
Friday	8	7	7
Saturday	8	7	7
Sunday	8	7	7
TOTAL	60	55	55

BackLaunch

# Campaign

## Step 3 – Create campaign – XCT 10/10



LinqUs

gemalto<sup>x</sup>

Products : Campaign manager

UserPlatformLogout

Scenario

Targets

Create Campaign

- New
- Duplicate

Monitoring

Product Info

Help

Campaign Monitoring?

Name	Submission	Engine	Product(s)	State
Update SPN RCA Gemalto 1	5 Nov 2007	CMM	RCA1	TERMINATED
Update_SPN_XCT_Gemalto_1	5 Nov 2007	XCT	OTAXCT	CREATED

Your XCT campaign has been launched!

Details

Statistics

Pause

Resume

Abort

Fast Abort

Purge

Purge All

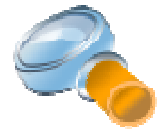
CMM

Refresh



# Campaign

## Step 4 – Monitoring 1/3



LinqUs

Products : Campaign manager

User

Platform

Logout

Scenario

Targets

Create Campaign

Monitoring

Campaign

Report Files

Product Info

Help

Campaign Monitoring

Name	Submission	Engine	Product(s)	State
RCA Without Invocation	6 Nov 2007	CMM	RCA1	TERMINATED
Test	6 Nov 2007	CMM	RCA1	TERMINATED
Update_SPN_RCA_Gemalto_1	5 Nov 2007	CMM	RCA1	TERMINATED
Update_SPN_XCT_Gemalto_1	5 Nov 2007	XCT	OTAXCT	COMPLETED

Details

Statistics

Pause

Resume

Abort

Fast Abort

Purge

Purge All

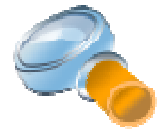
CMM

Refresh

Campaigns list

# Campaign

## Step 4 – Monitoring 2/3



Campaign Monitoring				
Name	Submission	Engine	Product(s)	State
RCA Without Invocation	6 Nov 2007	CMM	RCA1	TERMINATED
Test	6 Nov 2007	CMM	RCA1	TERMINATED
Update_SPN_RCA_Gemalto_1	5 Nov 2007	CMM	RCA1	TERMINATED
Update_SPN_XCT_Gemalto_1	5 Nov 2007	XCT	OTAXCT	COMPLETED

Details

Statistics

Pause

Resume

Abort

Fast Abort

Purge

Purge All

CMM

Refresh

**Pause** You can pause a campaign at any time. Pausing a campaign can be a time-consuming operation because all tasks that have started must be finished.

**Resume** You can restart a campaign that has been paused.

**Abort** You can only abort a campaign while the campaign is executing. Aborting a campaign can be a time-consuming operation because all tasks that have started must be finished.

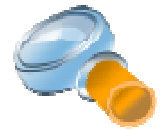
**Fast Abort** Fast abort kills the campaign.

**Purge** Purge all the campaigns that have been selected.

**Purge All** Purge all the terminated campaigns. It is recommended to use the "Purge All" function rather than the simple "Purge" function.

# Campaign

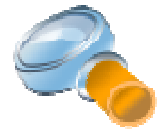
## Step 4 – Monitoring 3/3



Name	Submission	Engine	Product(s)	State
RCA Without Invocation	6 Nov 2007	CMM	RCA1	TERMINATED
Test	6 Nov 2007	CMM	RCA1	TERMINATED
Update_SPN_RCA_Gemalto_1	5 Nov 2007	CMM	RCA1	TERMINATED
Update_SPN_XCT_Gemalto_1	5 Nov 2007	XCT	OTAXCT	COMPLETED

### State

- ✓ **Created** The campaign exist in the platform. It has not reached its launch date
- ✓ **Active** Campaign has reached its launch date. Scenario can be executed as defined in the campaign schedule (Executing or Idle)
- ✓ **Paused** Scenario are no longer submitted for execution
- ✓ **Aborted** Scenario are no longer submitted for execution
- ✓ **Terminated** Part of or all scenarios have been executed and all results of submitted scenarios have been collected
- ✓ **Completed** Part of or all scenarios have been executed and all results of submitted scenarios have been collected but the end date of the campaign has been not reached or hasn't be setup
- ✓ **Terminating** The campaign will be in a TERMINATED state after that all the target responses have been collected. If this campaign stays in a TERMINATING state after that the validity period has been expired, the end user shall make a FAST\_ABORT to finalize the campaign



# Campaign

## Step 4 – Monitoring – XCT – Details 1/4

Campaign Monitoring				
Name	Submission	Engine	Product(s)	State
RCA Without Invocation	6 Nov 2007	CMM	RCA1	TERMINATED
Test	6 Nov 2007	CMM	RCA1	TERMINATED
Update SPN RCA Gemalto 1	5 Nov 2007	CMM	RCA1	TERMINATED
Update SPN XCT Gemalto 1	5 Nov 2007	XCT	OTAXCT	COMPLETED

Details Statistics Pause Resume Abort Fast Abort Purge Purge All CMM Refresh

Select your XCT campaign

Definition Parameters Planning Target Sets MSISDN status

XCT Campaign Definition [Update\_SPN\_XCT\_Gemalto\_1][TERMINATED]

Identifier 154

Name Update\_SPN\_XCT\_Gemalto\_1

Scenario Update\_SPN\_XCT\_Gemalto

Submission date 5 Nov 2007 15:31:13

Termination date 12 Nov 2007 15:16:01

Export Back



# Campaign

## Step 4 – Monitoring – XCT – Details 3/4



DefinitionParametersPlanningTarget SetsMSISDN status

XCT Campaign Parameters [Update\_SPN\_XCT\_Gemalto\_1] [TERMINATED]

Validity period	10	minutes
Grace period	3600	seconds
Grace period for PoR	900	seconds
Maximum number of retries	0	times
Retry delay	3600	seconds

DefinitionParametersPlanningTarget SetsMSISDN status

XCT Campaign Planning Update[Update\_SPN\_XCT\_Gemalto\_1] [TERMINATED]

Scheduling Information

Start date \*

5 Nov 2007 14:14:00

End date

12 Nov 2007 14:20:00

Services legend

1 Preprocessing

2 Sending

3 Postprocessing

Granularity

Hour

Planning Template

24-24-24

Name

Load Save Update Delete

Daily time information

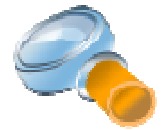
Clear

	Monday	Tuesday	Wednes.	Thursday	Friday	Saturday	Sunday
Time	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
00h00	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
01h00	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
02h00	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
03h00	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
04h00	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
05h00	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
06h00	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
07h00	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3

You can modify “live” the scheduling information

# Campaign

## Step 4 – Monitoring – XCT – Details 4/4



You can add some targets “live”

Definition Parameters Planning **Target Sets** MSISDN status

XCT Target Sets Update [Update\_SPN\_XCT\_Gemalto\_1][TERMINATED] ?

Target set name	Number of targets
MSISDN_20_Cards	20

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Target File	Number of targets
10000_GXX_v3.2_128K.target	10000
100_GX98_16K.target	100
10_GXX_v3.2_128K.target	10
1_GXX_v3.2_0602000098.target	1
1_GXX_v3.2_128K.target	1
MSISDN_0602000.target	1000
MSISDN_20_Cards.target	20

Target set name  Add Delete

Target Set File  Target set name  Number of targets

Total number of targets to add

Validate More target files Back

You can check the status on 1 target

Definition Parameters Planning Target Sets **MSISDN status**

XCT Search Target Status [Update\_SPN\_XCT\_Gemalto\_1] [TERMINATED] ?

Target ( MSISDN )

Back Search...

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Definition Parameters Planning Target Sets **MSISDN status**

XCT Search Target Status [Update\_SPN\_XCT\_Gemalto\_1] [TERMINATED] ?

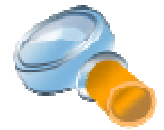
Target ( MSISDN )

Back Search...

Target final status	SUCCEEDED
Target Set File	MSISDN_20_Cards
Last modification date	6 Nov 2007 16:34:14
SMS status	3/3 SMS sent
Services status	PRE PROCESSING Ended with success SENDING Ended with success POST PROCESSING Ended with success

# Campaign

## Step 4 – Monitoring – XCT – Statistics 1/2



Campaign Monitoring				
Name	Submission	Engine	Product(s)	State
RCA Without Invocation	6 Nov 2007	CMM	RCA1	TERMINATED
Test	6 Nov 2007	CMM	RCA1	TERMINATED
Update SPN RCA Gemalto 1	5 Nov 2007	CMM	RCA1	TERMINATED
Update SPN XCT Gemalto 1	5 Nov 2007	XCT	OTAXCT	COMPLETED

Details Statistics Pause Resume Abort Fast Abort Purge Purge All CMM Refresh

Select your XCT campaign

Statistic Service Stats Error Stats

Update\_SPN\_XCT\_Gemalto\_1 [TERMINATED] [ 4 Jan 2008 10:49:33] Next update: 30 seconds ?

All Targets

Target set MSISDN\_20\_Cards

Number of targets addressed: 20

Current percentage of targets per execution status:

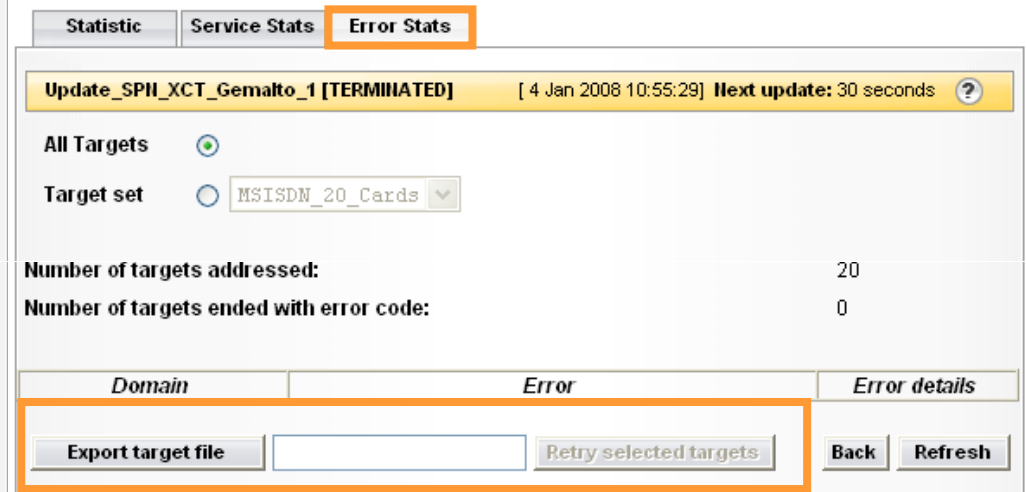
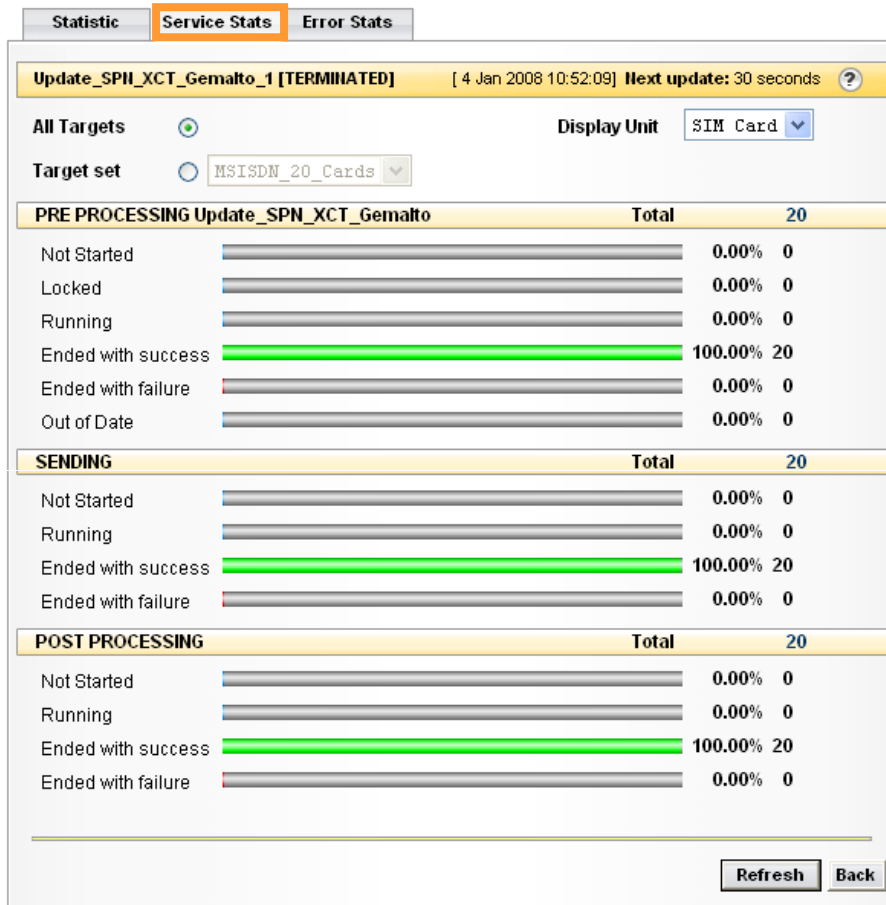
Remaining to create		0.00%	0
Not Started		0.00%	0
Locked		0.00%	0
Running		0.00%	0
Ended with success		100.00%	20
Ended with failure		0.00%	0
Out of Date		0.00%	0
Out of Coverage		0.00%	0

Refresh Back



# Campaign

## Step 4 – Monitoring – XCT – Statistics 2/2



If necessary, you can create some target files (Ex: Expired targets)

# Campaign Priorities

- ✦ **XCT** campaign has the **lowest priority** versus CMM campaign and single invocation
- ✦ In the **CMM campaign**, a “**Priority level**” parameter can be used in order to manage priorities
- ✦ Between **2 CMM** campaign (*With the same priority level*), it's the one who already created the **ESMS** that is able to **lock the card**
- ✦ *Only one XCT campaign can be run at the same time*