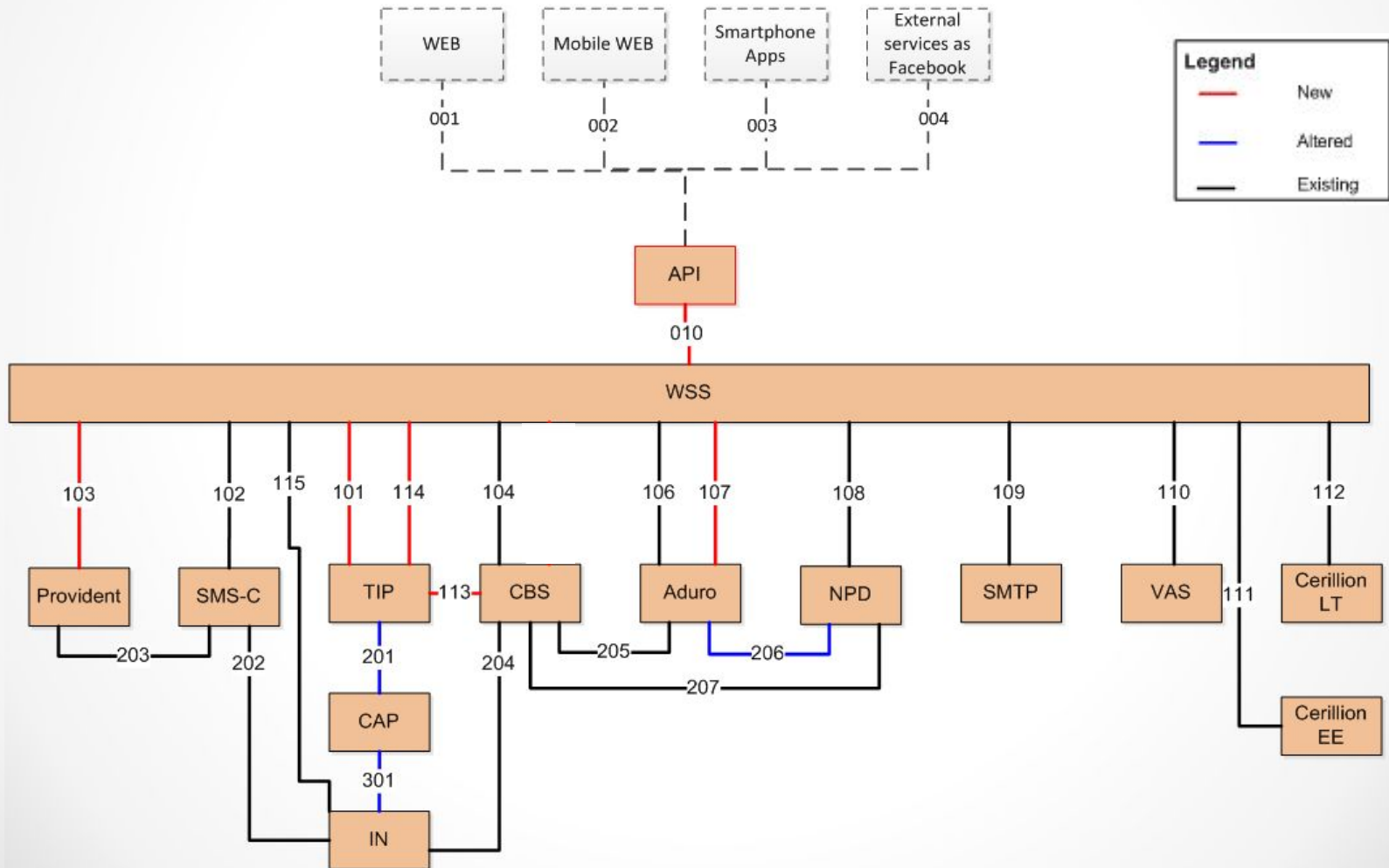


# New Callback functionality for CBS



# The whole system





# Mano PILDYK

Tele2 LT - 8 января 2014 г.

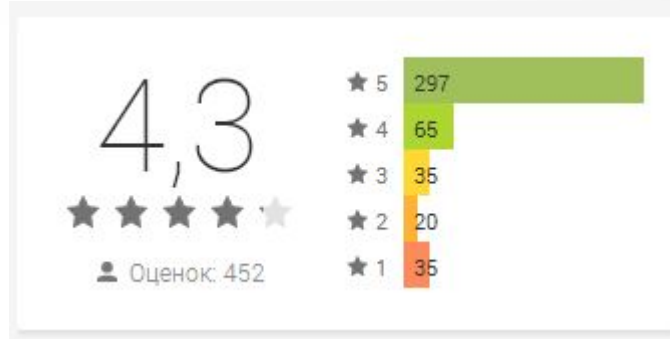
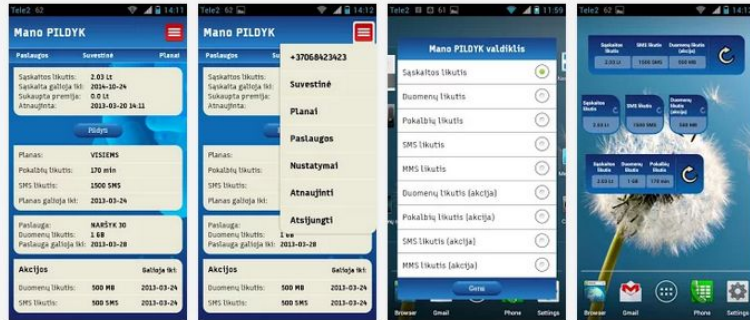
Инструменты

Установить

Добавить в список желаний

★★★★☆ (452)

+230 Рекомендовать в Google



Already in production for LT and EE



# Мой SMART

TELE2 EE - 5 августа 2013 г.

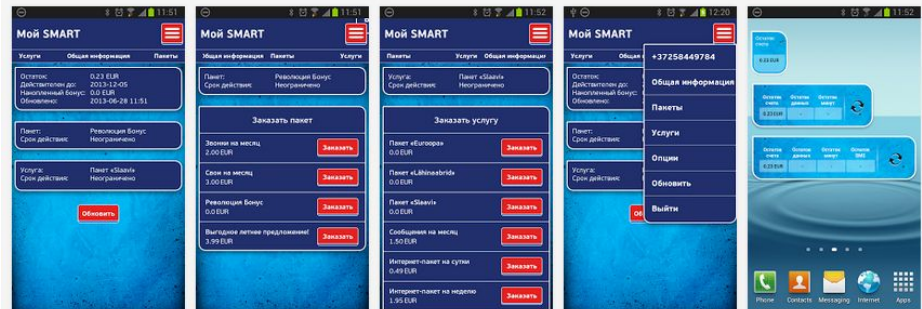
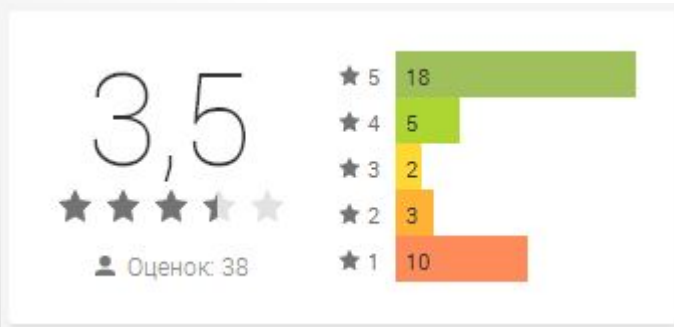
Инструменты

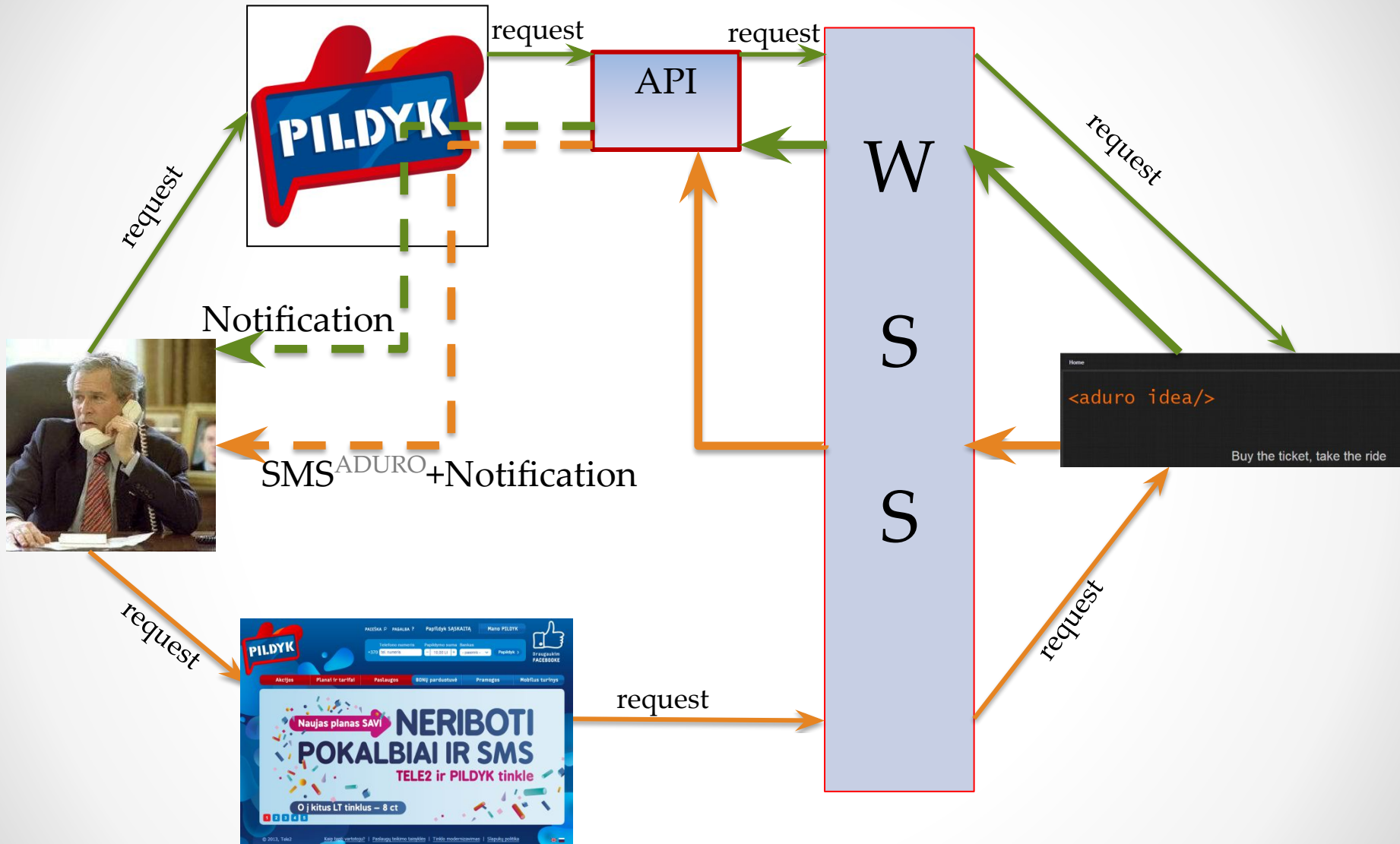
Установить

Добавить в список желаний

★★★★☆ (38)

+24 Рекомендовать в Google





# CBS role in the system

- CBS will generate Notifications for customer with a smartphone (for example) about different changes which happened moments ago in CBS:
  - Price plan change, **any** Discount changes (expiry of discount, change of next discount level, etc)
  - Refill
  - Bucket actions (offering activation/cancellation, bucket expiry, bucket recurring, reminder before recurring, etc)

**IMPORTANT!** - for each of this action should exist configuration in CBS if you want to generate Notifications

# Configuration in CBS

- Configuration will specify which action should initiate a Notification:
  - by which process: IVR, Webservice, CBS GUI, DynamicPricePlanProcess, etc;
  - through which channel;
  - by which user (WS);
  - for which type of action (PP change, offering activation, etc)
  - or for which amount (for Refill Notification)

and to which destination URL this Notification should be sent

Update BucketRequest Notification

Subscriber name	Na Spirit (1)	Create subscriber...
Process name	ProcessBucketSubscriptions (8)	OK
Username	CBSWebservice (1) ivmain (2) ProcessAutoRefill (3) cc_srv (4) ProcessReminder (5) UtilityLoader (6) DynamicPricePlanProcess (7) ProcessBucketSubscriptions (8) oracle (9) ProcessDDRefill (10) MonitorPrePaidAccount (11)	Cancel
Enabled		
Channel		
BucketRequest		

# Notification

```
<NSCBSCBP1:NotificationRequest description="Refill" identifier="1">  
<NSCBSCBP1:Notification transaction="1405" identifier="7505">  
<NSCBSCBP1:Arguments>
```

**\*this fields are the same for each type of notification:**

```
<NSCBSCBP1:StringValue name="ProcessName">CBSWebService</NSCBSCBP1:StringValue>  
<NSCBSCBP1:LongValue name="AccountID">11237</NSCBSCBP1:LongValue>  
<NSCBSCBP1:StringValue name="InitiatingUser">username</NSCBSCBP1:StringValue>  
<NSCBSCBP1:TimeValue name="StartTime">2013-12-05T09:33:15Z</NSCBSCBP1:TimeValue>  
<NSCBSCBP1:TimeValue name="AckTime">2013-12-05T09:33:16Z</NSCBSCBP1:TimeValue>
```

**\*the other fields will contain information about the event (refill in this case):**

```
<NSCBSCBP1:StringValue name="wsTransactionId">100017819892144</NSCBSCBP1:StringValue>  
<NSCBSCBP1:StringValue name="MSISDN">26059173</NSCBSCBP1:StringValue>  
<NSCBSCBP1:StringValue name="VoucherSerialNo"></NSCBSCBP1:StringValue>  
<NSCBSCBP1:MoneyValue name="Amount">0.20</NSCBSCBP1:MoneyValue>  
<NSCBSCBP1:LongValue name="Channel">1</NSCBSCBP1:LongValue>
```

**\*and additional information (predefined by Support Team in CBS for this configuration)**

```
<NSCBSCBP1:StringValue name="LegalEntity">16</NSCBSCBP1:StringValue>
```

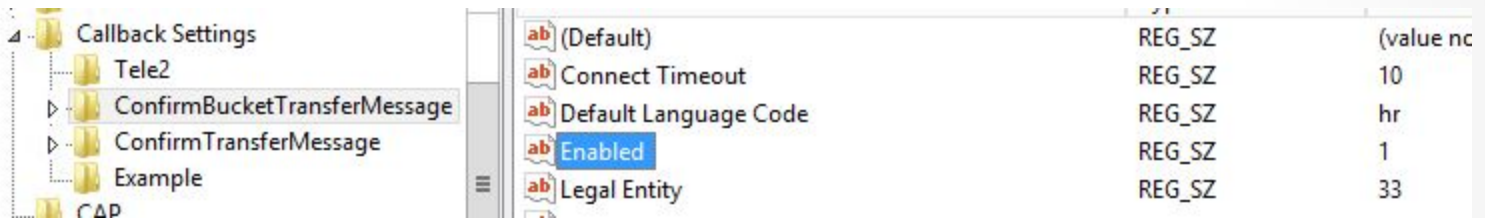
# Notification

BucketRequest	TariffChange
Bucket expiry date	wsTransactionId
Amount of units	New priceplan
Bucket Type	New discount level
Bucket name	New discount level endtime
Recurring fee	Next discount level endtime
Activation Fee	Next discount level starttime
Next recurring date	Next discount level
Offering expiry date	Old discount level
FreeText	FreeText
PricePlan	Old priceplan
LANGUAGECODE	LANGUAGECODE
REASON	REASON
OfferingName	

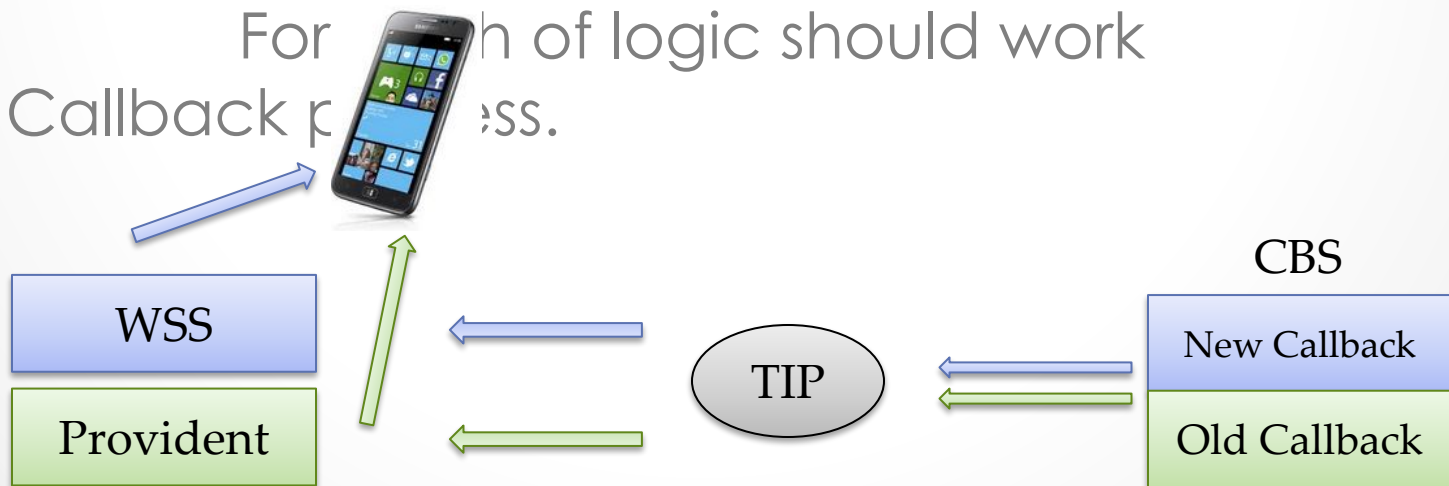


# Old Callback

In case when in registry for the old Callback logic (ConfirmBucketTransferMessage) value "Enabled" is set to 1 then 2 different transactions will be created.

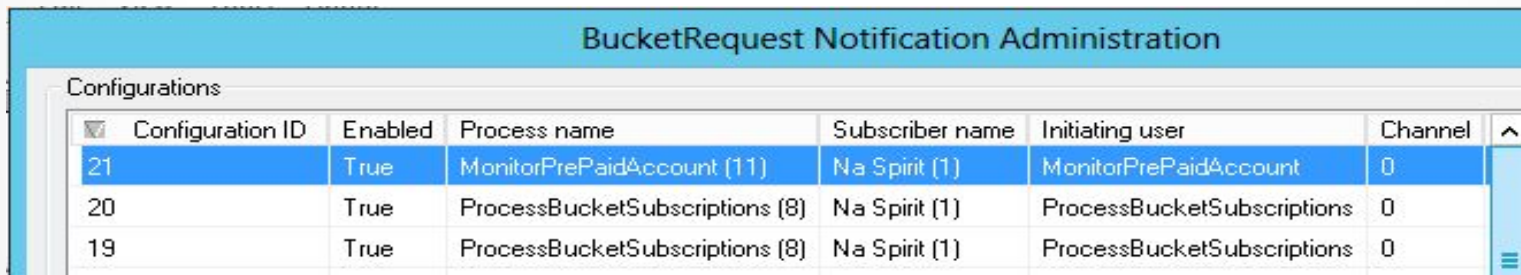


For own Callback process. For each of logic should work its



# How to create a CBS configuration?

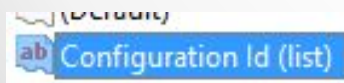
- **create a subscriber in CBS GUI** – destination URL towards 3d part company.  
Tools -> Notification Administration -> Subscribers
- **create a Refill, TariffChange or BucketRequest** configuration for this new subscriber



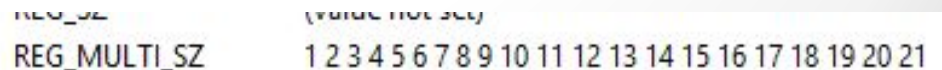
The screenshot shows a web interface titled "BucketRequest Notification Administration". Below the title is a section labeled "Configurations" containing a table with the following data:

Configuration ID	Enabled	Process name	Subscriber name	Initiating user	Channel
21	True	MonitorPrePaidAccount (11)	Na Spirit (1)	MonitorPrePaidAccount	0
20	True	ProcessBucketSubscriptions (8)	Na Spirit (1)	ProcessBucketSubscriptions	0
19	True	ProcessBucketSubscriptions (8)	Na Spirit (1)	ProcessBucketSubscriptions	0

- **add configuration ID to the registry key for the Callback process**



The screenshot shows a Windows Explorer window with the address bar containing the path: `Configuration Id (list)`.



The screenshot shows a registry value with the name `REG_MULTI_SZ` and a data field containing the list of configuration IDs: `1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21`.

# Documentation

1. **This presentation** (overall information about system)
2. **CallBack F.A.Q .docx** - more descriptive information about CBS configuration and new Callback process
3. **IF347 Enhanced CBS callback functionality** - documentation from Basset. Description of all Notification types.