

New Features

For

nxDSMP

Release 9.0.032



OCTOBER 29, 2010

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NEW FEATURES (9.0)

Products

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Service Order

[Changes to customer matching rules New / Newx](#)

DSMP-9189

The Customer Matching rules belonging to the parameter ORGNUM2 are changed to include additional the customer IndexBy and listing IndexBy. This change will reduce SO rejects because multiple or no match could be found by the system.

[SO Chronological Treatment Change](#)

DSMP-9673

The existing Chronological Treatment functionality in Service Order is enhanced to included checks by the system about a telephone number change or shared telephone numbers by different customers. This will reduce unnecessary rejects or avoid wrong updates.

[Move to new placement for non-traditional ads](#)

DSMP-11866

Service Order Customer Move now allows non-traditional ads and proposals to be moved to a new placement, like a new subscriber list or a new book.

No Effective Date or Effective Date in the future:

- The placement is updated on the ad, as long as the ad is not outed or worked.

Effective Ads or worked ads:

- While content changes can be performed on the effective ad (as long as the ad type has ALLOW_UPD_AFTER_PUBL = 1), a placement change (Publication / Edition / Section / SubscriberList / Heading) will involve Renewal to be called.
- The ad must be candidate for Renewal.
- The renewed ad is moved to the new placement. It gets an EffectiveDate equal to the ObsoleteDate of the source ad. The ObsoleteDate will be calculated. After ServiceOrder Customer Move, the user has the opportunity to manually adjust the dates of source ad (Obsolete date) and renewed ad in ad screen.

Subscriberlist change only:

- Depending on the Parameter setting of the system Preference SUPPRESS_RESCOPE_AD, the system either just updates the subscriber list or performs a Renewal.
- Parameter = '98' → update SubscriberList on existing ad
- Parameter = '99' → call non-trad Renewal and update SubscriberList on renewed ad.

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Adjustment of Customer/Listing Matching Rules

DSMP-12353

The matching is done by external customer id (PTTID), telephone number and language. A new parameter 'PTT2' for Preference table entry module= 'SOP', keyword='MATCHING_RULE' controls the new customer matching.

SO New:

- The Telco file for SO Batch will only contain telephone numbers.
- The check on telephone number will be done on Area Code ID, Telephone and Country ID.
- Service Type ID as well as Device Type ID will not be checked.
- The system uses for matching the External Customer ID, the Telephone number and the Telco ID to retrieve existing customers.

SO Change:

- A SO Change transaction must contain all values which should be altered as well as the ones that should be kept unchanged on the customer and listing records. An empty field will be interpreted as deletion.
- The system uses for matching the Old External Customer ID, the Old Telephone number, the Telco ID and the Listing Language to retrieve customer and listings. In case multiple active listings are found, the transaction is rejected for manual handling.

SO Disconnect:

- The check on telephone number will be done on Area Code ID, Telephone and Country ID whereby Area Code ID has always the value '0' and Country ID is always set to '357'.
- Service Type ID as well as Device Type ID will not be checked.
- The system uses for matching the old telephone number and the Old External Customer ID to retrieve listings. If more than one active listing for the telephone number is found for the customer, the system retrieves all and disconnects all found listings.

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Org-Number field extension

DSMP-12362

The Organization Number field on Service Order screens and on Customer, Company and Legal Company screen is now 15 characters long.

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Change of Orgnum on Published Online Ads

DSMP-11135

The client specific "Change Organization Number" functionality in Service Order Interactive has been enhanced and now works for non-traditional products, too. Since non-traditional ads have a different concept of lifecycle and are handled in a different way than traditional ads, the following functionality has been implemented:

Move all ads

- IF AdStatus_ID is "P" regardless of any date checks.
- OR
IF AdStatus_ID not "O"
AND EffectiveDt not reached
AND SOCloseDt on ad not reached or not set

Do a renewal before

- If SOCloseDt (if set on ad level) of the ad is reached
OR EffectiveDt is reached and an update after publishing of the ad is not allowed (ADTYPE.ALLOW_UPD_AFTER_PUBL =0)
OR AD is in WORKED contract and it cannot be reopen (see preference SOP/OPEN_WORKED_CONTRACT)
- AND the ad is a candidate for renewal (ad is not “O” or “P”, customer not “OB” and if listing is related the listing not “O”, LCC not “1”, ad not renewed)

Do a “split renewal” (new)

- If the EffectiveDt of the ad is reached
AND ObsoleteDt is not reached (“time between”)
AND SOCloseDt (if set on ad level) is not reached
AND an update after publishing of the ad is allowed
(ADTYPE.ALLOW_UPD_AFTER_PUBL =1)
- If there is already a successor ad generated by renewal before, then that ad is moved and updated to maintain the correct chain of ads.

Split Renewal:

The lifetime of the ad is split into two parts. The first part gets the effective date of the source ad and sysdate + 1 as obsolete date. The target ad gets the sysdate (obsolete date of the source ad minus 1, i.e. there is an overlapping by one day) as effective date and the obsolete date of the source ad as its obsolete date. The life cycle counter is kept unchanged.

The source ad keeps the full price and the target ad gets a 100% automatic discount with the special discount reason “Change Org Num”. The necessary discount plan setup is part of the delivery.

The Split Renewal is done before the ads are moved to the new Customer with the changed Orgnum. So the source ad remains with the old Customer, and the target ad is being connected to the new Customer.

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[Prevent SO or Renewal from Adding Content to Reworked Contracts](#)

DSMP-12345

The checks for open contracts that are available for automatic processes have been enhanced to recognize contracts that have been reworked. To do this, the system checks the CONTRACTHISTORY table.

If a contract has been reworked, automatic processes are not permitted to place new ads on this contract. Cancellations, however, are always permitted.

The following processes are affected by the enhanced check:

- Service Order Customer Move
- Service Order New Install
- Service Order Renewal and Book Renewal
- Manual Renewal
- Proposal Creation
- Book Rescope
- Multi Ad Insertion

The “Reuse Contract for Renewal” feature on Contract Type has not been impacted by the new functionality. That means, Renewal of non-traditional ads remains capable of reusing a contract no matter whether it is reworked or not.

Sales Management

Proposal Rule - "Sell New Ad"

DSMP-10609

The "Sell New Ad" panel on Proposal Rule screen has been enhanced to offer more control and validation in the areas of Edition, Subscriber List, Heading and contract.

Edition:

- Proposals will be created in the entered Edition if possible. If no edition is entered / stored in the proposal rule, then the system will create proposals in the current edition as long as Composition Close Date is not over.
- After Composition Close Date is over for the current edition, the next edition is checked for using. If no valid edition could be found, the user gets an error message: "No valid edition could be found. Please check data setup." The batch job will not start in this case.

Subscriber List:

- The Subscriber List has now the option to be determined by the system. There is a new checkbox labeled "Use Customer's Home Subscriber List". If enabled, the system attempts to use the customer's home subscriber list.
- If a Subscriber List is provided in the "Sell new Ad" panel, then attempt to use this one for proposal creation. The checkbox "Use Customer's Home Subscriber List" is dimmed in this case.
- If an Edition was provided along with the Subscriber List, the system validates these parameters against the Sectioneditionssubscriberlist setup. If the entered Subscriber List is not valid, the user gets an error message: "Given subscriber list is not valid for given placement." The batch job will not start in this case.
- If no Edition was provided along with the Subscriber List, the batch job validates these parameters. If the entered Subscriber List can not be used for the given placement (publication + current edition), then the batch job is set to status 'E' and the error flag is set in Batch Control. The proposal rule itself is set to "processed" but no proposal will be created. Error details can be found in the Process Report screen.
- If the Subscriber List was not provided or could not be verified before the batch job run, the batch job might find that there is no valid Subscriber List to use for the new proposed ad. In this case, the proposal is created with a "must-determine" subscriber list.
- If the batch job was not able to use / find a valid Home Subscriber List for the new proposed ad, then the proposal is created with a "must-determine" subscriber list.

Heading:

- If neither a heading was provided nor the checkbox "Use Customer's Heading" was selected, but the section requires a heading, then the batch job is set to status 'E' and the error flag is set in Batch Control. The proposal rule itself is set to "processed" but no proposal will be created. Error details can be found in the Process Report screen.
- If the checkbox "Use Customer's Heading" was selected, but the batch job found more than one valid customer heading that could be used for the proposal, then the proposal is created with a "must-determine" heading.

Contract:

- There is a new parameter for the contract type which is to be used for the new created ad. If no Contract Type is entered (field empty), then the system can use any valid SOP-used contract for proposal creation.
- There is a new option to specify whether new proposals created with “Sell new Ad” should always be placed on a new contract.

The “must-determine” subscriber list and heading are declared in new Preference table entries for module ‘CAMPAIGNMGT’, keywords ‘MUST_DETERMINE_SUBSCRIBERLIST’ or ‘MUST_DETERMINE_HEADING’ respectively.

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Renewal

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Sales

[Possibility to set adstatus W regardless of contractstatus WORKED](#) DSMP-11491

A dynamic button “Set Ad to ‘WORKED’ is available in the ad summary screen to change the ad status to ‘W’ after related contract get status AUTHORIZED or higher.

The ad status change will be available only for non-traditional ads, which do not need to be produced.

Only the ads with:

- Ad Status is not ‘W’, ‘O’ or ‘P’
- Ad’s Ad Class properties ‘Traditional Product’ flag not marked
- And Ad’s Ad Class properties ‘Use designed Ad’ flag not marked
- Ad’s Contract status is ‘AUTHORIZED’ or higher or ad has no contract assigned

could be set to ad status ‘W’.

If a main setup ad is selected, the whole construct should be set to W.

If a setup ad contains one included ad that is outed the whole structure should be set to ‘W’, except this outed included ad. It stays at ad status ‘O’.

This behaviour is also available in a client specific API.

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[Change Behaviour of Active and All Buttons in Ad Summary](#) DSMP-11888

The query for active ads in Ad summary screen has been adapted to hide non-traditional ads whose Obsolete Date is over (independent of the Life Cycle Counter). Non-traditional ads that are currently online (Effective Date in the past, Obsolete Date in the future), will not disappear from the Active ads list if a successor ad (created by Renewal) gets outed.

The new definition of “active” for non-traditional ads is:

- The ad is not outed (Ad Status not ‘O’).

- Proposed ads (Ad Status = 'P') will always be visible; Obsolete Date is not considered.
- The Obsolete Date is still in the future or empty.

The Life Cycle Counter is not considered, neither is the Effective Date (can be in the future or in the past). All ads are treated individually; regardless of any successor or predecessor.

Traditional ads will be handled as before.

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"Move Before" and "Move After" for Different Adtypecomp_id

DSMP-12010

In Ad Builder, it is now possible to use "Move Before" and "Move After" for components of the same ordinal number, even if the ADTYPECOMP_IDs are different. So, for example, in a structure with multiple UNDER% components, you can now move an UNDER_FAKS before an UNDER_MOB in one step.

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When an Ad Has Been Set to Obsolete, the Ad Seems to be Active

DSMP-12343

The way how non-traditional ads whose Obsolete Date is over are presented on a contract can now be changed. A Preference table entry decides whether ads with AdStatus not 'W' and Obsolete Date in the past are included in the contract print and whether they are included into the Contract NI calculation. The new functionality is to also print non-traditional ads with AdStatus not 'W' and Obsolete Date in the past on the contract and include them in the NI calculation of the contract showing on contract screen.

Please be aware that nevertheless, all ads go into billing after they have been set to 'W'.

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Scaled Discount

DSMP-12166

For each contract of a customer, based on the total money spent per book, the system calculates automatic discounts for all eligible ads.

An ad must fulfill the following conditions to initiate the calculation of scaled discount for the contract this product is placed in:

- The ad is in a book which is configured to be eligible for automatic scaled discount calculation
- AND the ad has an adtype which is configured to be eligible for automatic scaled discount
- AND the ad is not outed or proposed (Ad Status 'O' or 'P'). This implies that proposal ads are not included in the scaled discount calculation.

The scaled discount rules (eligible publications and ad types, discount ranks and rates) are set up in the Discount Plan screen:

- Discount Level 'S'
- New listbox "Discount Rank and Rate" contains the rank (total ad price in the publication) and the discount rate (percentage).
- Existing listbox "Discount Criteria" contains the list of publication and the list of ad types.

When a new Scaled Discount has just been set up, the system will not automatically recalculate all active ads. The new discount will only be applied to ads that are created or edited afterwards.

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[Remove Check Constraint for Restriction of Display Ad ID to 8 Digits](#) DSMP-12488

Display Ad ID fields in nxDSMP and in nxAdSmart are defined with length of 10 characters. The limitation to 8 digits has been removed.

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[ICE: During an Update of an Included Predecessor Ad within a Parent Ad the Included Successor Ad Does Not Get Own Ad Components](#) DSMP-11018

It is not possible anymore to change an ad via ICE, if the ad belongs to a setup ad and has a successor ad. ICE displays an appropriate message and opens the ad in display mode only.

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[Out an Ad after Effective Date](#) DSMP-12342

It is now possible to out a non-traditional ad after the Effective Date is reached. The system checks whether Revenue Recognition has already started for the ad to be outed. If Revenue Recognition has not started and no Bill Candidates exist, then the system allows outing the ad.

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[Dynamic Button 'Set to Worked' Available From Contract Status 'Sold'](#) DSMP-12323

The Dynamic Button 'Set to Worked' on Ad Summary screen can now be used at contract status 'SOLD' already. So, an ad can be manually set to status 'W' if:

- Ad Status is not 'W', 'O' or 'P'
- Ad's Ad Class properties 'Traditional Product' flag not marked
- And Ad's Ad Class properties 'Use designed Ad' flag not marked
- Ad's Contract status is 'SOLD' or higher or ad has no contract assigned

The API 'Set Ad to Worked' has been adapted accordingly.

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Finance

[Allow Publgroup as Collective Criteria for the Invoice Creation](#) DSMP-12377

The invoice creation job PA_ARJOBNEW.INVOICECREATION has been extended to allow grouping of the billcandidates by brand. The additional collective parameter that defines the brand is the publgroup_id, and it has been added to the preference table: MODULE = 'INVOICE', KEYWORD = 'USE_PUBLGROUP_ID'. Parameters are 0 (do not check the publgroup_id) and 1 (check of publgroup_id enabled).

Along with the setup for other collective parameters, billcandidates that belong to one publication group will be included in the same invoice if the publgroup_id parameter check is enabled.

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Documents

[Store Documents in nxDSMP](#)

DSMP-11515

The detail screens for customers, contracts, complaints and results have been equipped with the functionality to accept external documents. The following functionality is implemented:

- Store documents in nxDSMP by drag and drop or copy and paste
- Link the document to the current record
- Enter and update an accompanying text
- Select a document and open it with its preferred application
- Delete a document from nxDSMP.

The Customer Image screen has been enhanced to allow for the same functionality. Furthermore, it allows to centrally manage all documents that have been stored via any of the detail screens mentioned above.

Documents can now be stored as BLOB in the database or as file reference. The drag/drop and copy/paste functionalities are only available with storage option BLOB.

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[Free components on contract print and ad proof](#)

DSMP-12304

Contract print is now configurable to include any chosen set of ad components in the contract print. The decision which component is to be printed, is made on Ad Type Component screen. Ad Type Components will be enhanced by a new value "Print on Contract" with the following codes:

- P → Print this ad component on contract print if the component has a price (default; also if value not set =NULL).
- N → Never print the description and / or copytext of the Ad Component in the contract print.
- E → Always (Ever) print the description, copytext, and price of the related Ad Component, even if it has no price >0.

The new value can be entered in Ad Component Detail screen using a new field with pull-down menu. Existing Ad Types do not need to be adapted, if they continue to be printed as before (only non-free components listed separately in contract print).

The Contract Print report has been adapted to check the new value on Ad Type Component. The general layout of the contract remains unchanged.

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Service Order Interface

[Enlarge batch_id field in SO Interface](#)

DSMP-9672

Client specific requirement – enlarge SO Batch ID to 10 digits during file load process.

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Service Order Batch interface was adapted to match CYTA telco file structure. There will be only one defined file structure independent of which carrier provided the data.

A special column “manual_update_flag” was implemented to store information on printed name (Alias Name) if the value must not be updated by Service Order automatically.

The interface performs the following tasks:

- Load data files from predefined folder
- Validate data
- Load data into nxDSMP tables for automatic processing
- Write log file with information about the load process
- Convert or map date e.g. transaction types, legal entity to customer types.

The Service Order Interface process comprises two different parts:

1. SO Load process.

- Batch Control job “PA_SOINTERFACE.PR_LOADFILE” to load data from files stored at a predefined storage place.
- Processed files are moved to a different predefined storage place.
- The process expects to find only one file at any time in the predefined folder.

2. SO Interface Pre-process.

- Batch Control job “PA_SOINTERFACE.PR_PREPROCESS” to prepare the data and create the transactions for Service Order processing.
- Replace telco transaction type with SO Transaction Type used by nxDSMP
- Determine nxDSMP Customer Types
- Add default values if they do not exist yet
- Cut values provided on file to fit into target columns in interface tables if necessary (no message)
- Check on duplicated records sent during this load process (set status to ‘S’ – Suspend; no transfer to SERVICEORDERDETAIL table)
- Set Status to ‘L’ (Loaded) on processed records in SOINTERFACE tables
- Populate missing data.

Both jobs can be started by nxDSMP user interface module “Batch Control” where the processes could be scheduled to run at a specific date and time.

Reporting of errors or warnings is done in Process Report screen. Furthermore, a log file is created for the Load File process. It contains messages about all data records, which could not be loaded, plus information about loaded data file and number of loaded records.

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Interfaces

Additional Input Parameters to PA_API.FN_NEWAD

The API now accepts the ad_id as input parameter. An external system can now “reserve” an Ad ID for a new ad by retrieving SEQ_AD.NEXTVALUE, but only create the ad in nxDSMP, if the customer eventually approves it. If the Ad ID is supplied, the API uses it as the Ad ID of the new ad. If it is omitted, then the API uses the sequence SEQ_AD as before.

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[PUBLGROUP_ID as Input Parameter for PA_API.CREATE_CONTRACT](#)

DSMP-12407

The API "Create Contract" does now accept Publgroup_ID and/or Publ_ID + Edition_ID as input parameter.

The system verifies whether the used contract type requires the Publgroup and/or whether it requires a Campaign_ID.

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[Enhanced Output Format for New APIs](#)

DSMP-11819, DSMP-10563

New APIs will now comply with the following enhanced output format:

- The API returns an Integer value of 1 (successful) or 0 (not successful).
- An additional return value parameter represents the unique Process ID, which is to be used to retrieve warnings and informational / error messages from Batchprotocollog.

The following APIs have been adapted to the new enhanced solution:

- Create Ad (not for caption ad handling)
- Create Next Edition
- Create Contract

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[Billing Interface](#)

DSMP-12052

nxDSMP creates an interface file similar to the file that is currently produced by nxStar. It is a semicolon delimited ASCII file in encoding ISO-8859-1 (Latin-1, Western European).

Format:

- One header record with the field names followed by detail records with the items to be exported.
- There could be two records for an item to be billed; one record with the gross amount and one separate record with the discount amount.
- The discount amount will always be a total amount of all discounts applied to the item including discount plans, multi-scale discounts etc.

The file name is BILLING_YYYY-MM-DD.csv.

The Billing Interface file is created upon user request. The user needs to start the Batch Control job for the Billing Interface in Batch Control screen.

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General

[ICE installation error in 9.0.x DSMP releases](#)

DSMP-12374

When installing a new nxDSMP release, please make sure to purge the ICE working directory in the user settings path, such as "C:\Documents and Settings\...\Application Data\net-linx\ICE". Otherwise, you may end up with an outdated installation due to new ICE settings not being applied.

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