Statement of Work:
Separate PNC updating of PrIDE (all, technical data, commercial descriptions)

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1. Introduction

Today, PNCs are updated in PrIDE via the PNC Selector based on the current PNC data in place. For a complete and correct PNC update it requires all data (Pic0, Tech Laundry data and commercial descriptions) to be in place which is often not the case. Thereby any missing/empty PNC data will also be sent to PrIDE overwriting any existing data. Thereby, it becomes inflexible to update PNCs in PrIDE with some data since all PNC data are always needed for a successful update, which in turn requires input and coordination from several people.

It would be very useful to be able to isolate PNC updating in PrIDE in terms of either technical data or commercial descriptions, so these updates can be executed independently of each other. This will provide more flexibility and faster time to market in updating PrIDE by different people with different levels of data ready.

This Statement of Work (SOW) outlines how the existing BA Laundry configurator can be extended to separate the updating of existing PNCs towards PrIDE with either technical data or only commercial descriptions - or even with all data available.
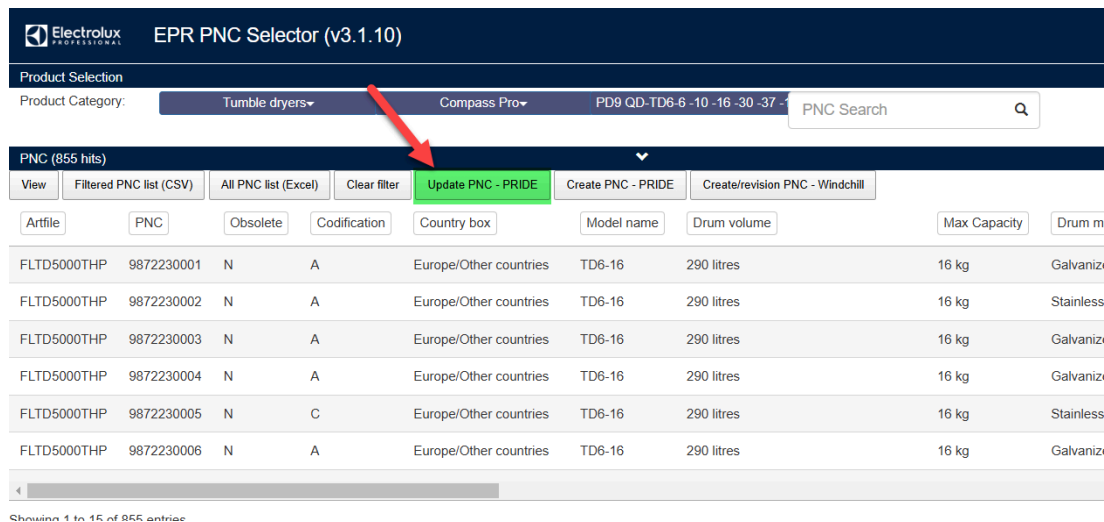
It is important to highlight that this SOW only covers updating of existing PNCs. The creation (insert) of new PNCs will work unchanged with all the PNC data available at the time of creation and all this data is sent in the existing JSON file.

2. Use cases

2.1 Separation of "Update PNC - PrIDE" buttons in configurator

2.1.1 Existing button: "Update PNC - PrIDE"

The current button "Update PNC - PrIDE" sends all available PNC data (Pic0, Tech Laundry data and commercial description) to PrIDE for the PNCs selected in the PNC Selector.

The existing button will:
- Renamed to "Update PNC - PrIDE (all)"
- Send all data available in JSON with added keywords **"ACTION": "UPDATE_ALL"**
- Only be available for config admin

2.1.2 New button: "Update PNC - PrIDE (tech data)"

A new button "Update PNC - PrIDE (tech data)" will be introduced that only updates PrIDE in terms of the technical laundry data & Pic0 for the PNCs selected in the PNC Selector.

The new button will:

- Be named "Update PNC - PrIDE (tech data)"
- Send all data available in JSON with added keywords **"ACTION": "UPDATE_TECH"**
- Only be available for config admin

2.1.3 New button: "Update PNC - PrIDE (comm desc)"

A new button "Update PNC - PrIDE (comm desc)" will be introduced that only updates PrIDE in terms of commercial descriptions for the PNCs selected in the PNC Selector.

The new button will:

- Be named to "Update PNC - PrIDE (comm desc)
- Send all data available in JSON with added keywords **"ACTION": "UPDATE_DESC"**
- Only be available for specific appointed non-config admin people handling the commercial descriptions in PrIDE.

2.2 Separation of JSON files for updating PrIDE

The JSON file generated today containing all data will be used for the 3 scenarios, the only difference is the action keyword included in the JSON file. This enables EPRO IT to filter the data from the JSON file and only update the respective PrIDE area according to the action ID.

2.2.1 JSON: "Update PNC - PrIDE (all)"

All Laundry data is sent in a JSON file as of today. Keyword **"ACTION": "UPDATE_ALL"** is added.

2.2.2 JSON: "Update PNC - PrIDE (tech data)"

All Laundry data is sent in a JSON file as of today. Keyword **"ACTION": "UPDATE_TECH"** is added.

2.2.3 JSON: "Update PNCs - PrIDE (comm desc)"

All Laundry data is sent in a JSON file as of today. Keyword**"ACTION": "UPDATE_DESC"** is added.

2.3 PrIDE update response

There is no need to perform any changes in the output response received from PrIDE as the batch updates will be identified by the batch ID which is a unique ID assigned to each batch update regardless of whether all data, tech data or commercial descriptions are sent.

RuleStore will for each of the three batch updates assign a type ID that identifies whether it is a complete data update, a technical data update or a commercial description update. This type ID will be needed in order to determine what actions, steps and reports to apply for the configurator in order to manage the type of update.

2.4 Report of batch PNC updating

The current report for the PNC updating outcome will be re-used for all three update scenarios but with slight differences.

2.4.1 "Update PNC - PrIDE (all)"

The current report will be unchanged.

Batch pnc update: batchID_20250124_111944_695

To	martina.johansson@electroluxprofessional.com
Subject	Batch pnc update: batchID_20250124_111944_695

BATCH DETAILS	
User ID/Name	39/Martina Johansson
BatchID	batchID_20250124_111944_695
Config Server	euws8147 (LY Test)
PrIDE endpoint	PrIDE UAT
Batch start	1/24/2025 11:19:44 AM
Batch end	1/24/2025 11:19:57 AM
Art file	td6

#PNC selected in batch:	1
#PNC sent to PrIDE:	0
#PNC updated in PrIDE:	0
#PNC update rate:	0.00%

#PNC data collection errors:	1
#PNC grossprice errors:	0
#PNC translate comm. desc.:	1
#PNC PrIDE send errors:	1
#PNC PrIDE update errors:	1

PNC - ERROR OVERVIEW

PNC (selected)	Data collection	Grossprice	Translate Comm. Desc.	Data send to PRIDE	PRIDE updated
9873631012	error	ok	error	error	error

PNC - DATA COLLECTION ERRORS

PNC	Data collection status	Data collection description
9873631012	error	PRIDE: Collecting process got error

PNC - PRIDE ERRORS

PNC	PrIDE variable	PrIDE value assigned

PNC - PRIDE UPDATE ERRORS

PNC	PrIDE update status	PrIDE update description
9873631012	error	Error KO detected: Error in reading/updating: 1LT6U7 Cause: Cannot add an entity with a key that is already in use.

PNC - OVERVIEW

PNC (selected)	Data collection	Grossprice	Translate Comm. Desc.	Data send to PRIDE	PRIDE updated
9873631012	error	ok	error	error	error

2.4.2 "Update PNC - PrIDE (tech data)"

The current report for the PNC updating outcome should be updated to:

- exclude the "Translate comm Desc." step in the existing report
- include a header or description that highlights it is an update of technical PNC data

2.4.3 "Update PNC - PrIDE (comm desc)"

The current batch report design can be reused to a separate report for the commercial PNC updating as the updating steps are the same, however the following changes to be made:

- exclude the section for "PNC Data collection errors"
- exclude the section for "PriDE errors"
- include a header or description that highlights it is an update of commercial description PNC data

3. Tasks

In the below overviews of development and support tasks.

3.1 Major development tasks

ID	Task description	Responsible
1	Development of 2 new GUI update buttons in PNC Selector ● "Update PNC - PrIDE" (tech data)" ● "Update PNC - PrIDE" (comm desc)"	RuleStore
2	Assign user access rights to the new GUI update buttons	RuleStore
3	Assign various system actions to the GUI update buttons	RuleStore
4	Assign various action IDs in JSON files	RuleStore
5	Change data validation steps for two additional PNC updating flows	RuleStore
6	Change data reports for two additional PNC updating flows	RuleStore
7	Develop new PrIDE actions and filtering of data needed for various actions (UPDATE_DESC means both updating existing descriptions but also inserting descriptions if no description existed before)	EPRO IT

3.2 Major support tasks

Task ID	Task description	Responsible
1	Project management	RuleStore
2	Technical development discussions with EPRO IT	EPR IT, RuleStore
3	Tests iterations and corrections	EPR IT, RuleStore
4	Deployment	EPR IT, RuleStore

4. Assumptions & prerequisites

- PrIDE test and live environments are available for Laundry products
- Existing PrIDE communication and data exchange format are utilized
- Communication is only between configurator and PrIDE
- All Laundry products have been defined in Studio with features, functions and BOM modules
- Required server set-up available (PrIDE, configuration platform, etc)
- Required software/license set-up available (Studio, Excel, MySQL, etc)