

Standard Operating Procedure for eUICC generic profile - input validation

Document Name	Version	Date
SOP for eUICC generic profile - input validation	V1.0	22-08-2022

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Revision History

Issue	Date	Reason for change
V1.0	22-08-2022	First Release

Introduction

This document outlines the process for eUICC generic profile - input validation.

Procedure

1. The concept of generic profile allows us to design a generic profile which is fixed and manage all the dynamic variables/values through an input file.
2. Hence, the input file should be comprehensive to cater all parameters which can vary within a profile.
3. The implementation of generic profile is very useful for connectivity providers who manage a huge range of products for their further customers.
4. Some customers for whom generic profile concept has been used are listed below:
 - a. Telna Canada
 - b. Monogoto Israel
 - c. Athonet Italy
 - d. Transatel France
5. Due to handling of all data from input file, it becomes critically important to validate its correctness.
6. Some key points that should be validated are listed below:
 - a. Structure of input file should not vary.
 - b. The number of parameters should always remain the same.
 - c. The name of parameters should not change.
 - d. The positioning of parameters should not change.
 - e. The length of values of parameters should be exactly same.
Exception – if different lengths are managed in data generation, then it can vary. Although in this case, it is advisable to have a minimum and maximum length defined for the value which the customer should follow and hence should be validated.
 - f. The notation of values should remain the same. For ex: if value for a parameter is provided in HEX, it should always be provided in HEX.
 - g. The only change allowed should be of the values for a parameter.

TITLE	SOP_for_eUICC_generic_profile_input_validation_v1.0
FILE NAME	SOP_for_eUICC_gen...idation_v1.0.docx
DOCUMENT ID	dc6bdef98680240cd45e4d37456875b72e899bcc
AUDIT TRAIL DATE FORMAT	DD / MM / YYYY
STATUS	● Signed

Document history



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05 / 09 / 2022

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05 / 09 / 2022

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