

# **Standard Operating Procedure for API Integration ES2+**

**Version Control**

Document Name	Version	Date
SOP for API Integration ES2+	V1.0	09-08-2022

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**Revision History**

Issue	Date	Reason for change
V1.0	09-08-2022	First Release

## Introduction

This document outlines the ES2+ API Integration setup procedure for Consumer eUICC RSP projects.

## Pre-requisites:

The API integration setup and acceptance tests procedure requires following pre-requisites

1. Signed certificate issued by Workz against CSR received from the customer
2. Whitelisting of customer source IP addresses for accessing the SM-DP+ platform
3. Profiles provisioned and kept in “Available” state for ES2+ API user acceptance tests

## Description

1. Document name - Phase2\_ES2+ Integration\_SMDP+\_Requirement\_Document\_v2

Path - [ES2+ Connectivity Template](#)

Sno	Item	Mandatory/Optional	Values
1	Workz to <Customer>		
	SMDP+ URL	Mandatory	consumer.rsp.global
	SMDP+ Port	Mandatory	6443
2	<Customer> to Workz		
	Public IPv4 addresses for accessing SMDP+ platform (for whitelisting to be done by Workz)	Mandatory	To be filled by customer
3	Client Certificates for DP+ API access		
	CSR (CSR generation command reference)	Mandatory	openssl req -new -newkey rsa:2048 -nodes -keyout <MNO_Name>.key -out <MNO_Name>.csr
	Target callback URL for sending notifications from SMDP+ to Operator (for ES2+.HandleDownloadProgressInfo)	Optional	To be filled by customer

In the above document, **SMDP+ URL** and **SMDP+ Port** needs to be provided from Workz to customer.

The customer shall provide Public IPv4 addresses for accessing SMDP+ platform (for whitelisting to be done by Workz).

Customer shall also provide a CSR, which will be signed by Workz and signed certificate will be provided back to customer for accessing DP+ platform.

The customer can optionally also provide target callback URL for sending notifications from SMDP+ to Operator (for ES2+.HandleDownloadProgressInfo).

Once the above sheet is complete, it shall be shared with Workz IT Support team for backend-configuration.

2. Document name - Workz\_ES2+\_API\_User\_Guide\_v1.1

Path - [AchelOS DPPlus](#)

In this document, examples of ES2+ operations are present. These include:

Download Order

Confirm Order

Release Profile

Cancel Order

Download Order (using Profile Type)

Download Order (using Profile Type and EID)

Confirm Order (with user defined MatchingID)

The above document can be shared with customer for assisting them on the APIs.

3. Document name - Workz\_SMDP+\_Platform Management\_API\_Document\_Ver 1.0

Path - [AchelOS DPPlus](#)

This document lists APIs pertaining to DP+ platform features. Some of the APIs are listed below:

GET /profile\_types

GET/profile\_types/{id}

GET/profiles

GET/profiles/{iccid}

Depending on the APIs requested from customer, this document can be referred to prepare a new document which can contain the API description along with its example.

4. Document name - Workz\_SMDP+\_Profile\_Notification\_Event\_Document\_v1.0

Path - [AchelOS DPPlus](#)

This document lists the notifications which are sent from DP+ platform towards the MNO for ES9+ operations. The list of notifications included are listed below:

BPP download

BPP installation

notificationLocalEnable

notificationLocalDisable

notificationLocalDelete

This document can be shared with the customer if they have provided target callback URL and need the notifications to be received.

<b>TITLE</b>	SOP_for_API_Integration_ES2+_v1.0
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## Document history



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