



VL Pin Flow – MOE Integrations

THE "NO PROBLEM" PEOPLE

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REVISION HISTORY

Date	Description	Author	Comments
2021-03-15	Document Initialization	Amr Adawy	

PURPOSE

The purpose from this document is to describe the required APIs for VL Pin Flow & MOE integrations.

AUDIENCE

The audience of this document is any one intend to participate in implementation of VL Pin Flow & MOE integrations.

INTRODUCTION

This document explain the required APIs that will be provided by VL to make the daily operations account activations by provide **RequestPin** API to send Pin code to the MOE portal user and **ConfirmPin** API to verify the submitted Pin code by the portal user. All following APIs will be consumed as Restful JSON over HTTP/HTTps.

1. APIs PROVIDED BY VICTORYLINK

PIN FLOW APIs

REQUESTPIN

- **Inputs:**

#	Parameter	Description	Type
1	Username	Username will be used to authenticate using this API	string
2	Password	Password will be used to authenticate using this API	string
3	Dial	MOE portal user mobile number that will be used for account activation. This mobile number will receive SMS with a generated Pin that will be used in verification process	string
4	Service	Service to be activated by this verification process. This will be used also as Pin SMS sender name.	string

- **Sample Request:**

```
{
  Username:"string",
  Password:"string",
  Dial:"string",
  Service:"string"
}
```

Outputs:

#	Parameter	Description	Type
1	Code		integer
2	Message		String
3	Data	Will contains RequestCode that will be used in ConfirmPin API	String

- **Sample Response:**

```
{
  Code:int,
  Message:"string",
  Data:"string"
}
```

CONFIRMPIN

- **Inputs:**

#	Parameter	Description	Type
1	Username	Username will be used to authenticate using this API	string
2	Password	Password will be used to authenticate using this API	string
3	RequestCode	The RequestCode returned from a success call to the RequestPin API.	string
4	Pin	Pin code entered by the MOE portal user	string

- **Sample Request:**

```
{
  APIUsername:"string",
  APIPassword:"string",
  RequestCode:"string",
  Pin:"string"
}
```

- **Outputs:**

#	Parameter	Description	Type
1	Code		integer
2	Message		string
3	Data		string

- **Sample Response:**

```
{
  Code:int,
  Message:"string",
  Data:"string"
}
```

RESPONSES

#	Code	Description	API
1	0	Success request (Pin sent / Pin verified)	RequestPin ConfirmPin
2	-1	Invalid username or password	RequestPin ConfirmPin
3	-2	Invalid dial	RequestPin
4	-3	Invalid service	RequestPin
5	-4	Invalid RequestCode	ConfirmPin
6	-5	Invalid Pin	ConfirmPin
7	-6	Expired Pin (call with an expired RequestCode) <i>RequestCode expires after 10 minutes (configurable)</i>	ConfirmPin