

ETRACS Terminal Service API Integration Guide

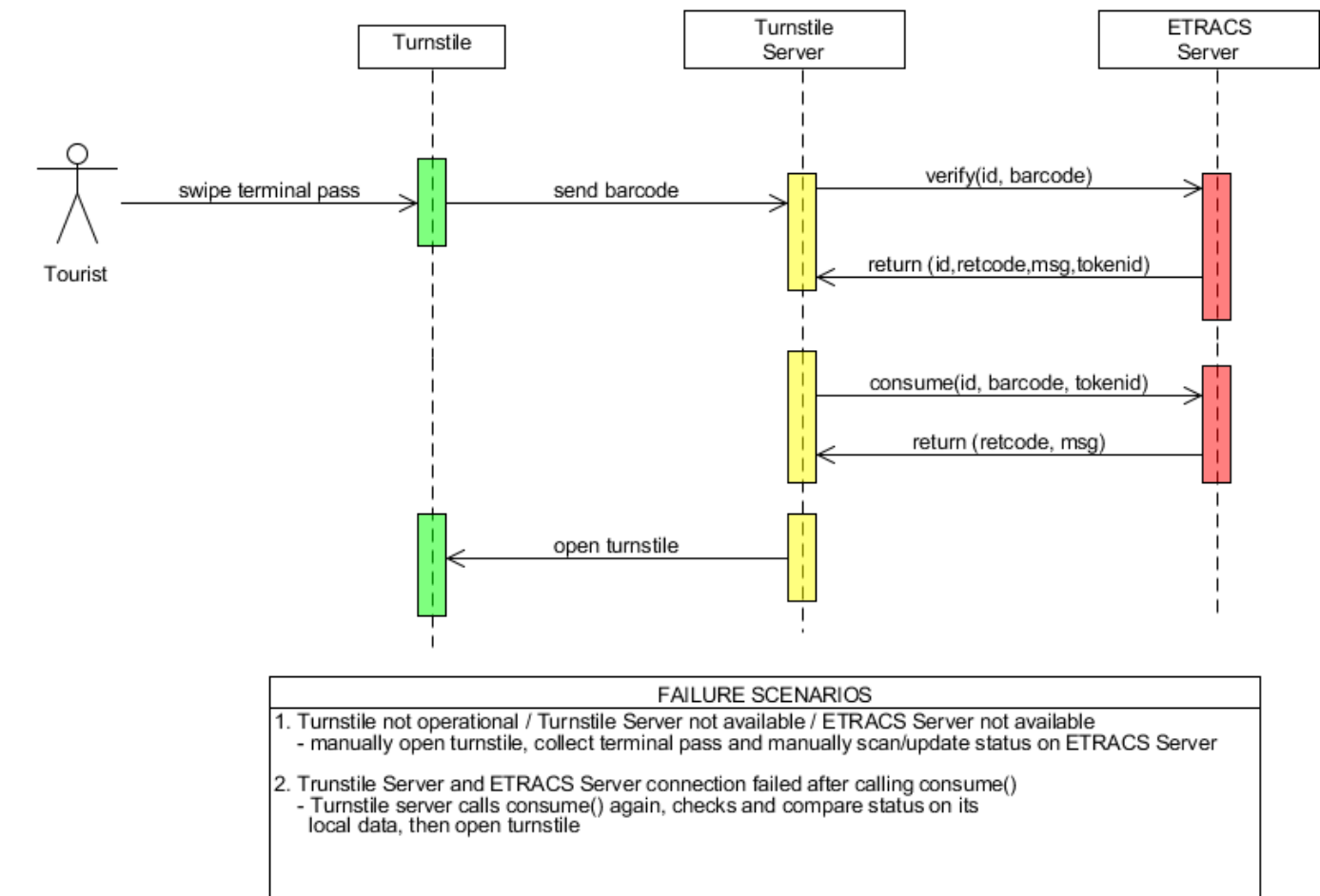
RAMESES SYSTEMS, INC
ETRACS Terminal Service API
Version 1.0

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1. INTRODUCTION

The objective of this document is to define the ETRACS Terminal Service API (Application Programming Interface) to a level that enables prospective 3rd parties to understand the service concept and the interface requirement.

2. Activity Diagram



3. API Functions

3.1. Verify

Facility to check and validates the terminal pass information.

| | | |
|-----------------------------|---------------------------|---|
| TRANSACTION | Verify Terminal Pass | |
| METHOD | verify | |
| PROVIDER URL | to be supplied by RAMESES | |
| PARAMETERS | | |
| PROPERTY NAME | DATATYPE | DEFINITION |
| id | String | Turnstile ID Required |
| barcode | String | Barcode Data Required |
| RETURN VALUES (JSON format) | | |
| retcode | String | Response Code 0 – SUCCESS 1 – General Error 2 – Barcode does not exist 3 – Invalid Barcode 4 – Barcode has already been used 10 – Turnstile ID does not exist 11 – Turnstile ID is currently deactivated |
| message | String | Response Message |
| tokenid | String | Token ID |

Verify Sample Request:

<http://localhost:8070/.../AklanTerminalTicketService.verify?id=T001&barcode=1234567890>

Verify Sample Response (JSON format):

```
{"retcode":0,"message":"Success","tokenid":"10042430231"}
```

3.2. Consume

Facility to mark the terminal pass as consumed or used.

| | | |
|-----------------------------|---------------------------|---|
| TRANSACTION | Consume Terminal Pass | |
| METHOD | consume | |
| PROVIDER URL | to be supplied by RAMESES | |
| PARAMETERS | | |
| PROPERTY NAME | DATATYPE | DEFINITION |
| id | String | Turnstile ID <i>Required</i> |
| barcode | String | Barcode Data <i>Required</i> |
| tokenid | String | Token ID The tokenid you get from the verify method <i>Required</i> |
| RETURN VALUES (JSON format) | | |
| retcode | String | Response Code 0 – SUCCESS 1 – General Error 2 – Barcode does not exist 3 – Invalid Barcode 4 – Barcode has already been used 5 – Invalid token id 10 – Turnstile ID does not exist 11 – Turnstile ID is currently deactivated |
| message | String | Response Message |

Consume Sample Request:

<http://localhost:8070/.../AklanTerminalTicketService.consume?id=T001&barcode=1234567890&tokenid=10042430321>

Consume Sample Response (JSON format):

```
{"retcode":0,"message":"Success"}
```