System Integration User Documentation Example

1. Introduction

This document provides user guidance for integrating the **ABC System** with third-party applications. It includes setup instructions, data flow, supported APIs, and troubleshooting tips.
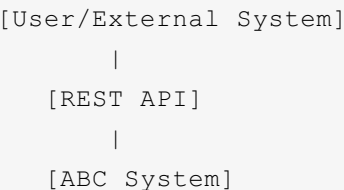
2. Prerequisites

- Valid user account in the ABC System
- API key or integration token
- Network access to https://api.abcsystem.com

3. System Overview

The ABC System allows integration with external platforms via RESTful APIs. Data including users, orders, and inventory can be accessed or modified according to the permissions assigned.

3.1 Data Flow Diagram

```
[User/External System]
      |
   [REST API]
      |
   [ABC System]
```

4. API Endpoints

Endpoint	Method	Description
/api/v1/users	GET	Retrieve user list
/api/v1/orders	POST	Create new order
/api/v1/inventory	PUT	Update inventory information

5. Authentication

All requests require the `Authorization` header with your API key:

```
Authorization: Bearer your_api_key_here
```

6. Sample Request

```
POST /api/v1/orders HTTP/1.1
Host: api.abcsystem.com
Authorization: Bearer your_api_key_here
Content-Type: application/json
{
  "customer_id": "12345",
  "items": [
    {"product_id": "A100", "qty": 2}
  ]
}
```

7. Error Codes

Status	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

8. Troubleshooting

- **401 Unauthorized:** Check your API key and ensure the Authorization header is correct.
- **400 Bad Request:** Verify the request payload for required fields and data types.
- **500 Server Error:** Retry after some time or contact support if persistent.

9. Support

For assistance, contact support at `support@abcsystem.com`.