

# Recurring Billing Getting Started Guide

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## Introduction

This document describes how a partner creates a recurring billing contract using Transaction Broker API.

## Recurring Billing

### Overview

1. Make a POST call to create a new transaction through the terminal.

### Request details:

**URL:** <https://tb.paymentfusion.com/transactions>

**Verb:** POST

### Parameters:

- **serial\_number** — The serial number of the terminal. Use only **serial\_number** or **client\_id**, not both. **OR:**
- **client\_id** — The **client\_id** of client associated to the terminal. Use only **serial\_number** or **client\_id**, not both.
- **amount** — The amount in USD with 2 decimals that will be charged, initially. This can be used for a down payment. May be set to 0.00 for no initial payment.
- **recurring** — Specifies if this transaction is recurring or not. If set to false (default value), omitted or filled with wrong data, the recurring billing fields will be ignored - "schedule", "num\_left", "start\_date", "bill\_amount".
- **schedule** — The installment recurrence. Allowed values - "disabled", "daily", "weekly", "bi-weekly", "monthly", "bi-monthly", "quarterly", "bi-annually", "annually".
- **num\_left** — The number of installments that will be executed before the contract is complete.
- **start\_date** — Must be entered in YYYYMMDD format. If set to "next" the date of the next billing cycle will be used. For example if today is 1/10/2009 and schedule=monthly then start\_date will be set to 2/10/2009.
- **bill\_amount** — The amount in USD with 2 decimals that will be charged for each installment.

### Headers:

- **Authorization:** Needs to include `Basic` word before Base64 encoded `api_id:api_token`. The `api_id` is the identifier of the organization created on TAP; size range - 20. The `api_token` is the unique token previously generated by TAP and provided securely to the organization; size range - 3  
Example: `Basic ODA5BVgrNdZkZmbiFlJlTThkYTA2eG00MzA5dHh1bWZnZgfdZDE=`
- **Accept:** Specifies the requested API version. If this field is not specified or has an invalid format, the call will be routed to a previous version. If the previous version does not exist, a 404 page will be displayed.  
Example: `application/vnd.paymentfusion.v3.0.0+json`
- **Content-Type:** `application/x-www-form-urlencoded`
- **Cache-Control:** `no-cache` Host: `tb-sandbox.paymentfusion.com`
- **Accept-Encoding:** `gzip, deflate`
- **Connection:** `keep-alive`

### Body:

```
{
  "serial_number": "string",
  "amount": "string",
  "recurring": boolean,
  "schedule": "string",
  "num_left": "string",
  "start_date": "string",
  "bill_amount": "string"
}
```

Response Body:

```
{
  "id": "string",
  "v": "string"
}
```